NEW EMBO MEMBERS REVIEW: Transcriptional contro system

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Citation Report

#	Article	IF	CITATIONS
1	Identification of the ligand-binding site of the BMP type IA receptor for BMP-4. Biopolymers, 2000, 55, 399-406.	1.2	53
2	Targeted mutations of transforming growth factor-Î ² genes reveal important roles in mouse development and adult homeostasis. FEBS Journal, 2000, 267, 6982-6988.	0.2	183
3	Evidence for an evolutionary conserved role of bone morphogenetic protein growth factors and Phox2 transcription factors during noradrenergic differentiation of sympathetic neurons. FEBS Journal, 2000, 267, 6976-6981.	0.2	24
4	Signaling of transforming growth factor-β family members through Smad proteins. FEBS Journal, 2000, 267, 6954-6967.	0.2	466
5	Schnurri mediates Dpp-dependent repression of brinker transcription. Nature Cell Biology, 2000, 2, 745-749.	4.6	115
6	How cells read TGF-β signals. Nature Reviews Molecular Cell Biology, 2000, 1, 169-178.	16.1	1,745
7	Regulation of G1 cyclin-dependent kinases in the mammalian cell cycle. Current Opinion in Cell Biology, 2000, 12, 676-684.	2.6	539
8	The zebrafish forkhead transcription factor FoxH1/Fast1 is a modulator of Nodal signaling required for organizer formation. Current Biology, 2000, 10, 1041-1049.	1.8	147
9	Direct transcriptional control of the Dpp target omb by the DNA binding protein Brinker. EMBO Journal, 2000, 19, 6162-6172.	3.5	81
10	c-Jun Inhibits Transforming Growth Factor β-mediated Transcription by Repressing Smad3 Transcriptional Activity. Journal of Biological Chemistry, 2000, 275, 28858-28865.	1.6	82
11	The Interaction of the Carboxyl Terminus-binding Protein with the Smad Corepressor TGIF Is Disrupted by a Holoprosencephaly Mutation in TGIF. Journal of Biological Chemistry, 2000, 275, 39762-39766.	1.6	90
12	Regulation of Plasminogen Activator Inhibitor-1 Expression by Transforming Growth Factor-Î ² -induced Physical and Functional Interactions between Smads and Sp1. Journal of Biological Chemistry, 2000, 275, 40014-40019.	1.6	128
13	Transforming Growth Factor β-Independent Shuttling of Smad4 between the Cytoplasm and Nucleus. Molecular and Cellular Biology, 2000, 20, 9041-9054.	1.1	246
14	Inhibition of the Transforming Growth Factor β1 Signaling Pathway by the AML1/ETO Leukemia-associated Fusion Protein. Journal of Biological Chemistry, 2000, 275, 40282-40287.	1.6	84
15	Smad7 Is Induced by CD40 and Protects WEHI 231 B-lymphocytes from Transforming Growth Factor-β-induced Growth Inhibition and Apoptosis. Journal of Biological Chemistry, 2000, 275, 38363-38370.	1.6	81
16	Structural and Functional Characterization of the Transforming Growth Factor-β-induced Smad3/c-Jun Transcriptional Cooperativity. Journal of Biological Chemistry, 2000, 275, 38802-38812.	1.6	93
17	Smad7-dependent Regulation of Heme Oxygenase-1 by Transforming Growth Factor-β in Human Renal Epithelial Cells. Journal of Biological Chemistry, 2000, 275, 40904-40909.	1.6	84
18	The transcriptional co-activator P/CAF potentiates TGF-beta/Smad signaling. Nucleic Acids Research, 2000, 28, 4291-4298.	6.5	98

#	Article	IF	CITATIONS
19	Smad7 and Smad6 Differentially Modulate Transforming Growth Factor Î ² -induced Inhibition of Embryonic Lung Morphogenesis. Journal of Biological Chemistry, 2000, 275, 23992-23997.	1.6	72
20	Tumor Necrosis Factor-Î \pm Inhibits Transforming Growth Factor-Î ² /Smad Signaling in Human Dermal Fibroblasts via AP-1 Activation. Journal of Biological Chemistry, 2000, 275, 30226-30231.	1.6	155
21	Distinct Oligomeric States of SMAD Proteins in the Transforming Growth Factor-Î ² Pathway. Journal of Biological Chemistry, 2000, 275, 40710-40717.	1.6	102
22	schnurri Is Required for dpp-Dependent Patterning of the Drosophila Wing. Developmental Biology, 2000, 227, 388-402.	0.9	40
23	The Zinc Finger Protein Schnurri Acts as a Smad Partner in Mediating the Transcriptional Response to Decapentaplegic. Developmental Biology, 2000, 227, 373-387.	0.9	65
24	Characterization of the mouse Smad1 gene and its expression pattern in adult mouse tissues. Gene, 2000, 258, 43-53.	1.0	42
25	TGF-β Receptor Controls B Cell Responsiveness and Induction of IgA In Vivo. Immunity, 2000, 13, 443-451.	6.6	380
26	TGFÎ ² Signaling in Growth Control, Cancer, and Heritable Disorders. Cell, 2000, 103, 295-309.	13.5	2,239
27	Negative Regulation of BMP/Smad Signaling by Tob in Osteoblasts. Cell, 2000, 103, 1085-1097.	13.5	293
28	Cloning and expression pattern of a zebrafish homolog of forkhead activin signal transducer (FAST), a transcription factor mediating Nodal-related signals. Mechanisms of Development, 2000, 99, 187-190.	1.7	8
29	Nodal Signaling in Early Vertebrate Embryos. Developmental Cell, 2001, 1, 605-617.	3.1	236
30	SNIP1 Inhibits NF-κB Signaling by Competing for Its Binding to the C/H1 Domain of CBP/p300 Transcriptional Co-activators. Journal of Biological Chemistry, 2001, 276, 46297-46304.	1.6	63
31	Stem cells for repair of cartilage and bone: the next challenge in osteoarthritis and rheumatoid arthritis. Annals of the Rheumatic Diseases, 2001, 60, 305-309.	0.5	58
32	Regulation of Smad degradation and activity by Smurf2, an E3 ubiquitin ligase. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 974-979.	3.3	473
33	Interaction between Smad Anchor for Receptor Activation and Smad3 Is Not Essential for TGF-β/Smad3-Mediated Signaling. Biochemical and Biophysical Research Communications, 2001, 281, 1100-1105.	1.0	37
34	Characterization of the DNA-Binding Property of Smad5. Biochemical and Biophysical Research Communications, 2001, 286, 1163-1169.	1.0	31
35	Hypodermal Expression of Caenorhabditis elegans TGF-β Type I Receptor SMA-6 Is Essential for the Growth and Maintenance of Body Length. Developmental Biology, 2001, 240, 32-45.	0.9	61
36	TGFÎ ² Signaling and Cancer. Experimental Cell Research, 2001, 264, 111-116.	1.2	21

	C	CITATION REPORT		
#	Article		IF	CITATIONS
37	MH1 domain of Smad is a degraded homing endonuclease. Journal of Molecular Biology, 2001, 307,	31-37.	2.0	54
38	Alteration of Transforming Growth Factor-β1 Response Involves Down-Regulation of Smad3 Signalin in Myofibroblasts from Skin Fibrosis. American Journal of Pathology, 2001, 159, 263-272.	g	1.9	56
39	Increased Glomerular and Tubular Expression of Transforming Growth Factor-β1, Its Type II Receptor and Activation of the Smad Signaling Pathway in the db/db Mouse. American Journal of Pathology, 2001, 158, 1653-1663.	,	1.9	187
40	Bone morphogenetic proteins, genetics and the pathophysiology of primary pulmonary hypertensior Respiratory Research, 2001, 2, 193.		1.4	60
41	Dissection of inhibitory Smad proteins: both N- and C-terminal domains are necessary for full activities of Xenopus Smad6 and Smad7. Mechanisms of Development, 2001, 100, 251-262.		1.7	30
42	Xenopus Smad3 is specifically expressed in the chordoneural hinge, notochord and in the endocardium of the developing heart. Mechanisms of Development, 2001, 104, 147-150.		1.7	26
43	Expression of BMP signalling pathway members in the developing zebrafish inner ear and lateral line. Mechanisms of Development, 2001, 108, 179-184.		1.7	68
44	Key signaling pathways regulate the biological activities and accumulation of amyloid-β. Neurobiology of Aging, 2001, 22, 967-973.		1.5	15
45	Expression screening for Lhx3 downstream genes identifies Thg-1pit as a novel mouse gene involved pituitary development. Gene, 2001, 278, 125-130.	in	1.0	14
46	Smads in human trophoblast cells: expression, regulation and role in TGF-β-induced transcriptional activity. Molecular and Cellular Endocrinology, 2001, 175, 111-121.		1.6	40
47	Anti-Müllerian hormone and its receptors. Molecular and Cellular Endocrinology, 2001, 179, 25-32		1.6	240
48	An emerging role for co-receptors in inhibin signal transduction. Molecular and Cellular Endocrinology, 2001, 180, 55-62.		1.6	24
49	Transforming growth factor β signalling in vitro and in vivo: activin ligand–receptor interaction, Smad5 in vasculogenesis, and repression of target genes by the ÎEF1/ZEB-related SIP1 in the vertebra embryo. Molecular and Cellular Endocrinology, 2001, 180, 13-24.	ate	1.6	22
50	Intracellular and extracellular control of activin function by novel regulatory molecules. Molecular and Cellular Endocrinology, 2001, 180, 25-31.		1.6	40
51	A member of the Y-box protein family interacts with an upstream element in the α1(I) collagen gene Matrix Biology, 2001, 20, 527-541.	,	1.5	9
52	Nodal Signals to Smads through Cripto-Dependent and Cripto-Independent Mechanisms. Molecular Cell, 2001, 7, 949-957.		4.5	341
53	The Anaphase-Promoting Complex Mediates TGF-Î ² Signaling by Targeting SnoN for Destruction. Molecular Cell, 2001, 8, 1027-1039.		4.5	172
54	Structural Basis of Smad1 Activation by Receptor Kinase Phosphorylation. Molecular Cell, 2001, 8, 1303-1312.		4.5	89

	CITATION	KLPOKI	
#	Article	IF	CITATIONS
55	Cross-talk between IL-6 and TGF- \hat{l}^2 signaling in hepatoma cells. FEBS Letters, 2001, 492, 247-253.	1.3	61
56	Transforming growth factor β signal transduction in hepatic stellate cells via Smad2/3 phosphorylation, a pathway that is abrogated during in vitro progression to myofibroblasts. FEBS Letters, 2001, 502, 4-10.	1.3	179
57	Transforming Growth Factor Î ² Enhances Epithelial Cell Survival via Akt-dependent Regulation of FKHRL1. Molecular Biology of the Cell, 2001, 12, 3328-3339.	0.9	175
58	Novel therapies for renal cell carcinoma. Expert Opinion on Investigational Drugs, 2001, 10, 1033-1044.	1.9	13
59	Smad proteins function as co-modulators for MEF2 transcriptional regulatory proteins. Nucleic Acids Research, 2001, 29, 732-742.	6.5	59
60	Transforming Growth Factor β (TGFβ) Mediates Schwann Cell Death <i>In Vitro</i> and <i>In Vivo</i> : Examination of c-Jun Activation, Interactions with Survival Signals, and the Relationship of TGFβ-Mediated Death to Schwann Cell Differentiation. Journal of Neuroscience, 2001, 21, 8572-8585.	1.7	104
61	The transforming growth factor-β signaling pathway in tumorigenesis. Current Opinion in Oncology, 2001, 13, 70-77.	1.1	45
62	Transforming growth factor β-1 enhances Smad transcriptional activity through activation of p8 gene expression. Biochemical Journal, 2001, 357, 249.	1.7	34
63	The corepressor CtBP interacts with Evi-1 to repress transforming growth factor β signaling. Blood, 2001, 97, 2815-2822.	0.6	214
64	Severe pulmonary hypertension after the discovery of the familial primary pulmonary hypertension gene. European Respiratory Journal, 2001, 17, 1065-1069.	3.1	25
65	Suppressor and oncogenic roles of transforming growth factor-Î ² and its signaling pathways in tumorigenesis. Advances in Cancer Research, 2001, 83, 1-54.	1.9	88
66	Blocking Sp1 Transcription Factor Broadly Inhibits Extracellular Matrix Gene Expression In Vitro and In Vivo: Implications for the Treatment of Tissue Fibrosis. Journal of Investigative Dermatology, 2001, 116, 755-763.	0.3	119
67	Drug-induced acute interstitial nephritis. Kidney International, 2001, 60, 804-817.	2.6	380
68	Studies on transcriptional regulation of the mucosal T-cell integrin alphaEbeta7 (CD103). Immunology, 2001, 103, 146-154.	2.0	77
69	Downregulation of human type VII collagen (COL7A1) promoter activity by dexamethasone. Experimental Dermatology, 2001, 10, 28-34.	1.4	23
70	Identification of an element within the promoter of human selenoprotein P responsive to transforming growth factor-β. FEBS Journal, 2001, 268, 6176-6181.	0.2	27
71	Role of transforming growth factor beta in cancer. Journal of Cellular Physiology, 2001, 186, 153-168.	2.0	213
72	Malignant glioma biology: Role for TGF-? in growth, motility, angiogenesis, and immune escape. Microscopy Research and Technique, 2001, 52, 401-410.	1.2	224

#	Article	IF	CITATIONS
73	Angiogenesis in breast cancer: The role of transforming growth factor ? and CD105. Microscopy Research and Technique, 2001, 52, 437-449.	1.2	78
74	TGF-?-induced invasiveness of pancreatic cancer cells is mediated by matrix metalloproteinase-2 and the urokinase plasminogen activator system. International Journal of Cancer, 2001, 93, 204-211.	2.3	137
75	Aberrant expression of Smad4 results in resistance against the growthâ€inhibitory effect of transforming growth factorâ€Î² in the SiHa human cervical carcinoma cell line. International Journal of Cancer, 2001, 94, 500-507.	2.3	44
76	Structural insights on Smad function in TGF \hat{I}^2 signaling. BioEssays, 2001, 23, 223-232.	1.2	108
77	The genetics of pancreatic adenocarcinoma: a roadmap for a mouse model. Seminars in Cancer Biology, 2001, 11, 201-218.	4.3	34
78	The Loss of Smad3 Results in a Lower Rate of Bone Formation and Osteopenia Through Dysregulation of Osteoblast Differentiation and Apoptosis. Journal of Bone and Mineral Research, 2001, 16, 1754-1764.	3.1	153
79	TGF-beta signaling in mammary gland development and tumorigenesis. Journal of Mammary Gland Biology and Neoplasia, 2001, 6, 67-82.	1.0	84
80	Latent-TGF-beta: an overview. , 2001, 219, 163-170.		105
81	Glioma cell invasion: regulation of metalloproteinase activity by TGF-beta. Journal of Neuro-Oncology, 2001, 53, 177-185.	1.4	231
82	Malignant cells, directors of the malignant process: role of transforming growth factor-beta. Cancer and Metastasis Reviews, 2001, 20, 133-143.	2.7	159
83	The role of Smad3 in mediating mouse hepatic stellate cell activation. Hepatology, 2001, 34, 89-100.	3.6	224
84	Epidermal growth factor signaling via Ras controls the Smad transcriptional co-repressor TGIF. EMBO Journal, 2001, 20, 128-136.	3.5	147
85	NEW EMBO MEMBER'S REVIEW: Nuclear interpretation of Dpp signaling in Drosophila. EMBO Journal, 2001, 20, 3298-3305.	3.5	107
86	Promoting bone morphogenetic protein signaling through negative regulation of inhibitory Smads. EMBO Journal, 2001, 20, 4132-4142.	3.5	160
87	TGF-beta-induced repression of CBFA1 by Smad3 decreases cbfa1 and osteocalcin expression and inhibits osteoblast differentiation. EMBO Journal, 2001, 20, 2254-2272.	3.5	470
88	The L3 loop and C-terminal phosphorylation jointly define Smad protein trimerization. Nature Structural Biology, 2001, 8, 248-253.	9.7	133
89	Increased Expression of Transforming Growth Factor-β after Cerebral Ischemia in the Baboon: An Endogenous Marker of Neuronal Stress?. Journal of Cerebral Blood Flow and Metabolism, 2001, 21, 820-827.	2.4	37
90	TGF-β signaling in tumor suppression and cancer progression. Nature Genetics, 2001, 29, 117-129.	9.4	2,120

#	Article	IF	CITATIONS
91	Induction of the AP-1 members c-Jun and JunB by TGF-β/Smad suppresses early Smad-driven gene activation. Oncogene, 2001, 20, 2205-2211.	2.6	94
92	Smad3/AP-1 interactions control transcriptional responses to TGF-β in a promoter-specific manner. Oncogene, 2001, 20, 3332-3340.	2.6	175
93	FLRG, an activin-binding protein, is a new target of TGFβ transcription activation through Smad proteins. Oncogene, 2001, 20, 5409-5419.	2.6	42
94	Increased susceptibility to tumorigenesis of ski-deficient heterozygous mice. Oncogene, 2001, 20, 8100-8108.	2.6	85
95	Integrating Myc and TGF-Î ² signalling in cell-cycle control. Nature Cell Biology, 2001, 3, E112-E113.	4.6	38
96	Cytokines and immunodeficiency diseases. Nature Reviews Immunology, 2001, 1, 200-208.	10.6	345
97	Visualization of endogenous BMP signaling during Xenopus development. Differentiation, 2001, 67, 33-40.	1.0	39
98	Ski-interacting Protein Interacts with Smad Proteins to Augment Transforming Growth Factor-β-dependent Transcription. Journal of Biological Chemistry, 2001, 276, 18243-18248.	1.6	79
99	α-Helix 2 in the Amino-terminal Mad Homology 1 Domain Is Responsible for Specific DNA Binding of Smad3. Journal of Biological Chemistry, 2001, 276, 28155-28163.	1.6	21
100	Synergistic Cooperation between Hypoxia and Transforming Growth Factor-Î ² Pathways on Human Vascular Endothelial Growth Factor Gene Expression. Journal of Biological Chemistry, 2001, 276, 38527-38535.	1.6	340
101	Ligand-dependent Degradation of Smad3 by a Ubiquitin Ligase Complex of ROC1 and Associated Proteins. Molecular Biology of the Cell, 2001, 12, 1431-1443.	0.9	198
102	Transforming Growth Factor-β Induces Nuclear Import of Smad3 in an Importin-β1 and Ran-dependent Manner. Molecular Biology of the Cell, 2001, 12, 1079-1091.	0.9	163
103	The N domain of Smad7 is essential for specific inhibition of transforming growth factor-β signaling. Journal of Cell Biology, 2001, 155, 1017-1028.	2.3	202
104	Transcriptional Mechanisms of Bone Morphogenetic Protein-induced Osteoprotegrin Gene Expression. Journal of Biological Chemistry, 2001, 276, 10119-10125.	1.6	96
105	An Essential Role for Mad Homology Domain 1 in the Association of Smad3 with Histone Deacetylase Activity*. Journal of Biological Chemistry, 2001, 276, 22595-22603.	1.6	34
106	Cross-talk between 1,25-Dihydroxyvitamin D3 and Transforming Growth Factor-Î ² Signaling Requires Binding of VDR and Smad3 Proteins to Their Cognate DNA Recognition Elements. Journal of Biological Chemistry, 2001, 276, 15741-15746.	1.6	81
107	Transcriptional regulation of the Drosophila gene zen by competing Smad and Brinker inputs. Genes and Development, 2001, 15, 340-351.	2.7	118
108	Smad Proteins and Hepatocyte Growth Factor Control Parallel Regulatory Pathways That Converge on β1-Integrin To Promote Normal Liver Development. Molecular and Cellular Biology, 2001, 21, 5122-5131.	1.1	131

#	Article	IF	CITATIONS
109	Swift Is a Novel BRCT Domain Coactivator of Smad2 in Transforming Growth Factor Î ² Signaling. Molecular and Cellular Biology, 2001, 21, 3901-3912.	1.1	46
110	TGF-Â Superfamily Signaling and Left-Right Asymmetry. Science Signaling, 2001, 2001, re1-re1.	1.6	43
111	TGF-Â Flips the Myc Switch. Science Signaling, 2001, 2001, pe1-pe1.	1.6	6
112	Bone Morphogenetic Protein 2 Stimulates Osteoclast Differentiation and Survival Supported by Receptor Activator of Nuclear Factor-ήB Ligand. Endocrinology, 2001, 142, 3656-3662.	1.4	222
113	Oncogenic Ras Represses Transforming Growth Factor-β/Smad Signaling by Degrading Tumor Suppressor Smad4. Journal of Biological Chemistry, 2001, 276, 29531-29537.	1.6	106
114	Formation of a Stable Heterodimer between Smad2 and Smad4. Journal of Biological Chemistry, 2001, 276, 20688-20694.	1.6	65
115	Transforming Growth Factor-Î ² and Ciliary Neurotrophic Factor Synergistically Induce Vasoactive Intestinal Peptide Gene Expression through the Cooperation of Smad, STAT, and AP-1 Sites. Journal of Biological Chemistry, 2001, 276, 19966-19973.	1.6	33
116	Lefty Inhibits Receptor-regulated Smad Phosphorylation Induced by the Activated Transforming Growth Factor-β Receptor. Journal of Biological Chemistry, 2001, 276, 21397-21404.	1.6	76
117	Suppression of Tumor Necrosis Factor-mediated Apoptosis by Nuclear Factor κB-independent Bone Morphogenetic Protein/Smad Signaling. Journal of Biological Chemistry, 2001, 276, 39259-39263.	1.6	65
118	A Soluble Transforming Growth Factor-β (TGF-β) Type I Receptor Mimics TGF-β Responses. Journal of Biological Chemistry, 2001, 276, 46243-46250.	1.6	13
119	The Smad3 Protein Is Involved in TGF-β Inhibition of Class II Transactivator and Class II MHC Expression. Journal of Immunology, 2001, 167, 311-319.	0.4	69
120	Functional Roles for the Cytoplasmic Domain of the Type III Transforming Growth Factor β Receptor in Regulating Transforming Growth Factor β Signaling. Journal of Biological Chemistry, 2001, 276, 24627-24637.	1.6	123
121	Repression of Dpp Targets by Binding of Brinker to Mad Sites. Journal of Biological Chemistry, 2001, 276, 18216-18222.	1.6	70
122	Smad-interacting Protein 1 Is a Repressor of Liver/Bone/Kidney Alkaline Phosphatase Transcription in Bone Morphogenetic Protein-induced Osteogenic Differentiation of C2C12 Cells. Journal of Biological Chemistry, 2001, 276, 40001-40007.	1.6	30
123	Identification and Characterization of a Smad2 Homologue fromSchistosoma mansoni, a Transforming Growth Factor-β Signal Transducer. Journal of Biological Chemistry, 2001, 276, 10072-10082.	1.6	66
124	Loss of Smad4 Function in Pancreatic Tumors. Journal of Biological Chemistry, 2001, 276, 43175-43181.	1.6	84
125	Roles of Ets proteins, NF-κB and nocodazole in regulating induction of transcription of mouse germline Ig α RNA by transforming growth factor-̲1. International Immunology, 2001, 13, 733-746.	1.8	34
126	Defective repression of c-myc in breast cancer cells: A loss at the core of the transforming growth factor growth arrest program. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 992-999.	3.3	307

#	Article	IF	CITATIONS
127	Identification of Novel TGF-β/Smad Gene Targets in Dermal Fibroblasts using a Combined cDNA Microarray/Promoter Transactivation Approach. Journal of Biological Chemistry, 2001, 276, 17058-17062.	1.6	575
128	TGF-beta inhibits muscle differentiation through functional repression of myogenic transcription factors by Smad3. Genes and Development, 2001, 15, 2950-2966.	2.7	363
129	Identification of a Critical Sp1 Site within the Endoglin Promoter and Its Involvement in the Transforming Growth Factor-β Stimulation. Journal of Biological Chemistry, 2001, 276, 34486-34494.	1.6	66
130	Ultraviolet Irradiation Blocks Cellular Responses to Transforming Growth Factor-β by Down-regulating Its Type-II Receptor and Inducing Smad7. Journal of Biological Chemistry, 2001, 276, 26349-26356.	1.6	154
131	TGIF2 Interacts with Histone Deacetylase 1 and Represses Transcription. Journal of Biological Chemistry, 2001, 276, 32109-32114.	1.6	117
132	Nucleocytoplasmic Shuttling of Smad1 Conferred by Its Nuclear Localization and Nuclear Export Signals. Journal of Biological Chemistry, 2001, 276, 39404-39410.	1.6	96
133	Cross-talk between Transforming Growth Factor-β and Estrogen Receptor Signaling through Smad3. Journal of Biological Chemistry, 2001, 276, 42908-42914.	1.6	226
134	Ligand-regulated Binding of FAP68 to the Hepatocyte Growth Factor Receptor. Journal of Biological Chemistry, 2001, 276, 46632-46638.	1.6	32
135	Dihydrotestosterone Enhances Transforming Growth Factor-β-Induced Apoptosis in Hormone-Sensitive Prostate Cancer Cells*. Endocrinology, 2001, 142, 2419-2426.	1.4	53
136	MuÌ^llerian Inhibiting Substance Signaling Uses a Bone Morphogenetic Protein (BMP)-Like Pathway Mediated by ALK2 and Induces Smad6 Expression. Molecular Endocrinology, 2001, 15, 946-959.	3.7	148
137	Growth factor regulation and manipulation in wound repair: to scar or not to scar, that is the question. Expert Opinion on Therapeutic Patents, 2001, 11, 1065-1079.	2.4	10
138	Activation of the TGF- β /Activin-Smad2 Pathway during Allergic Airway Inflammation. American Journal of Respiratory Cell and Molecular Biology, 2001, 25, 60-68.	1.4	121
139	Treble clef fingera functionally diverse zinc-binding structural motif. Nucleic Acids Research, 2001, 29, 1703-1714.	6.5	108
140	Pax-8 Is Essential for Regulation of the Thyroglobulin Gene by Transforming Growth Factor-β1. Endocrinology, 2001, 142, 267-275.	1.4	31
141	Sp1 and Smad Proteins Cooperate to Mediate Transforming Growth Factor-β1-induced α2(I) Collagen Expression in Human Glomerular Mesangial Cells. Journal of Biological Chemistry, 2001, 276, 6983-6992.	1.6	214
142	Comparative Analysis of the Genetic Structure and Chromosomal Location of the MurineMyD118(GADD45β) Gene. DNA and Cell Biology, 2001, 20, 239-247.	0.9	18
143	Smad3 allostery links TGF-beta receptor kinase activation to transcriptional control. Genes and Development, 2002, 16, 1950-1963.	2.7	122
144	Transforming Growth Factor-Î ² -Smad Signaling Pathway Cooperates with NF-κB to Mediate NontypeableHaemophilus influenzae-induced MUC2 Mucin Transcription. Journal of Biological Chemistry, 2002, 277, 45547-45557.	1.6	90

#	Article	IF	CITATIONS
145	Signal Transductions Induced by Bone Morphogenetic Protein-2 and Transforming Growth Factor-β in Normal Human Osteoblastic Cells. Journal of Biological Chemistry, 2002, 277, 15514-15522.	1.6	207
146	The Human Papilloma Virus E7 Oncoprotein Inhibits Transforming Growth Factor-Î ² Signaling by Blocking Binding of the Smad Complex to Its Target Sequence. Journal of Biological Chemistry, 2002, 277, 38557-38564.	1.6	83
147	Ski is involved in transcriptional regulation by the repressor and full-length forms of Gli3. Genes and Development, 2002, 16, 2843-2848.	2.7	76
148	Smad3 Mediates Transforming Growth Factor-β-induced Collagenase-3 (Matrix Metalloproteinase-13) Expression in Human Gingival Fibroblasts. Journal of Biological Chemistry, 2002, 277, 46338-46346.	1.6	93
149	Endoglin Expression Is Regulated by Transcriptional Cooperation between the Hypoxia and Transforming Growth Factor-β Pathways. Journal of Biological Chemistry, 2002, 277, 43799-43808.	1.6	289
150	Physiologically low oxygen concentrations determined in fetal skin regulate hypoxiaâ€inducible factor 1 and transforming growth factor β3. FASEB Journal, 2002, 16, 411-413.	0.2	71
151	Inhibition of Transforming Growth Factor Î ² Signaling and Smad-dependent Activation of Transcription by the Latent Membrane Protein 1 of Epstein-Barr Virus. Journal of Biological Chemistry, 2002, 277, 9342-9350.	1.6	26
152	Disruption of the gene encoding the latent transforming growth factor-beta binding protein 4 (LTBP-4) causes abnormal lung development, cardiomyopathy, and colorectal cancer. Genes and Development, 2002, 16, 2264-2273.	2.7	224
153	Activation of Fibroblast Procollagen α1(I) Transcription by Mechanical Strain Is Transforming Growth Factor-β-dependent and Involves Increased Binding of CCAAT-binding Factor (CBF/NF-Y) at the Proximal Promoter. Journal of Biological Chemistry, 2002, 277, 6153-6161.	1.6	130
154	Transforming Growth Factor-Î ² Inhibits Pulmonary Surfactant Protein B Gene Transcription through SMAD3 Interactions with NKX2.1 and HNF-3 Transcription Factors. Journal of Biological Chemistry, 2002, 277, 38399-38408.	1.6	65
155	Identification and Characterization of A Novel Rat Ov-Serpin Family Member, Trespin. Journal of Biological Chemistry, 2002, 277, 26412-26421.	1.6	6
156	Differential, Tissue-specific, Transcriptional Regulation of Apolipoprotein B Secretion by Transforming Growth Factor β. Journal of Biological Chemistry, 2002, 277, 39515-39524.	1.6	27
157	Smad4/DPC4-dependent Regulation of Biglycan Gene Expression by Transforming Growth Factor-β in Pancreatic Tumor Cells. Journal of Biological Chemistry, 2002, 277, 36118-36128.	1.6	70
158	RhoB, Not RhoA, Represses the Transcription of the Transforming Growth Factor β Type II Receptor by a Mechanism Involving Activator Protein 1. Journal of Biological Chemistry, 2002, 277, 8500-8507.	1.6	42
159	DEC1 is a downstream target of TGF-Â with sequence-specific transcriptional repressor activities. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2848-2853.	3.3	83
160	Ras and TGFÎ ² cooperatively regulate epithelial cell plasticity and metastasis. Journal of Cell Biology, 2002, 156, 299-314.	2.3	684
161	SB-431542 Is a Potent and Specific Inhibitor of Transforming Growth Factor-Î ² Superfamily Type I Activin Receptor-Like Kinase (ALK) Receptors ALK4, ALK5, and ALK7. Molecular Pharmacology, 2002, 62, 65-74.	1.0	1,488
162	Human T-cell Lymphotropic Virus Type 1 Tax Inhibits Transforming Growth Factor-Î ² Signaling by Blocking the Association of Smad Proteins with Smad-binding Element. Journal of Biological Chemistry, 2002, 277, 33766-33775.	1.6	79

#	Article	IF	CITATIONS
163	Negative Regulation of Bone Morphogenetic Protein/Smad Signaling by Cas-interacting Zinc Finger Protein in Osteoblasts. Journal of Biological Chemistry, 2002, 277, 29840-29846.	1.6	67
164	Activations of ERK1/2 and JNK by Transforming Growth Factor Î ² Negatively Regulate Smad3-induced Alkaline Phosphatase Activity and Mineralization in Mouse Osteoblastic Cells. Journal of Biological Chemistry, 2002, 277, 36024-36031.	1.6	110
165	Transforming growth factor \hat{l}^21 transcriptionally activates CD34 and prevents induced differentiation of TF-1 cells in the absence of any cell-cycle effects. Leukemia, 2002, 16, 94-105.	3.3	28
166	Survival and Cell Cycle Control in Early Hematopoiesis: Role of Bcl-2, and the Cyclin Dependent Kinase Inhibitors P27 and P21. Leukemia and Lymphoma, 2002, 43, 51-57.	0.6	21
167	Minireview: Inhibin Binding Protein (InhBP/p120), Betaglycan, and the Continuing Search for the Inhibin Receptor. Molecular Endocrinology, 2002, 16, 207-212.	3.7	52
168	Localization of the Activin Signal Transduction Components in Normal Human Ovarian Follicles: Implications for Autocrine and Paracrine Signaling in the Ovary. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 2644-2657.	1.8	92
169	c-myc Is a Downstream Target of the Smad Pathway. Journal of Biological Chemistry, 2002, 277, 854-861.	1.6	206
170	Identification and Functional Characterization of Distinct Critically Important Bone Morphogenetic Protein-specific Response Elements in the Id1 Promoter. Journal of Biological Chemistry, 2002, 277, 4883-4891.	1.6	771
171	Localization of intestinal intraepithelial T lymphocytes involves regulation of αEβ7 expression by transforming growth factorâ€Î². International Immunology, 2002, 14, 339-345.	1.8	40
172	Involvement of Pax-2 in the Action of Activin A on Tubular Cell Regeneration. Journal of the American Society of Nephrology: JASN, 2002, 13, 2850-2859.	3.0	81
173	Molecular Aspects of the Mammalian Cell Cycle and Cancer. Oncologist, 2002, 7, 73-81.	1.9	111
174	Transforming Growth Factor \hat{I}^21 Induces Apoptosis through Cleavage of BAD in a Smad3-Dependent Mechanism in FaO Hepatoma Cells. Molecular and Cellular Biology, 2002, 22, 1369-1378.	1.1	103
175	Transforming Growth Factor-β–induced Mobilization of Actin Cytoskeleton Requires Signaling by Small GTPases Cdc42 and RhoA. Molecular Biology of the Cell, 2002, 13, 902-914.	0.9	382
176	Bone morphogenetic protein-4-induced activation of Xretpos is mediated by Smads and Olf-1/EBF associated zinc finger (OAZ). Nucleic Acids Research, 2002, 30, 3107-3117.	6.5	19
177	Modulation of Growth Factor/Cytokine Synthesis and Signaling by 1α,25-Dihydroxyvitamin D3: Implications in Cell Growth and Differentiation. Endocrine Reviews, 2002, 23, 763-786.	8.9	147
178	Down-regulation of Human Type II Collagen Gene Expression by Transforming Growth Factor-β1 (TGF-β1) in Articular Chondrocytes Involves SP3/SP1 Ratio. Journal of Biological Chemistry, 2002, 277, 43903-43917.	1.6	64
179	A Novel Heterodimerization Domain, CRM1, and 14-3-3 Control Subcellular Localization of the MondoA-Mlx Heterocomplex. Molecular and Cellular Biology, 2002, 22, 8514-8526.	1.1	45
180	Modulation of Thrombomodulin-dependent Activation of Human Protein C through Differential Expression of Endothelial Smads. Journal of Biological Chemistry, 2002, 277, 49815-49819.	1.6	27

#	Article	IF	CITATIONS
181	Role of Smad1 and Smad4 proteins in the induction of p21WAF1,Cip1 during bone morphogenetic protein-induced growth arrest in human breast cancer cells. Journal of Endocrinology, 2002, 172, 187-198.	1.2	75
182	Three habits of highly effective signaling pathways: principles of transcriptional control by developmental cell signaling. Genes and Development, 2002, 16, 1167-1181.	2.7	406
183	Stoichiometry of Active Smad-Transcription Factor Complexes on DNA. Journal of Biological Chemistry, 2002, 277, 51008-51016.	1.6	74
184	Smad2 Mediates Transforming Growth Factor-β Induction of Endothelial Nitric Oxide Synthase Expression. Circulation Research, 2002, 91, 806-813.	2.0	78
185	Craniosynostosis and Altered Patterns of Fetal TGF-β Expression Induced by Intrauterine Constraint. Plastic and Reconstructive Surgery, 2002, 109, 2347-2354.	0.7	12
186	The role of transforming growth factor beta in atherosclerosis: novel insights and future perspectives. Current Opinion in Lipidology, 2002, 13, 523-529.	1.2	78
187	Repression of Smad2 and Smad3 transactivating activity by association with a novel splice variant of CCAAT-binding factor C subunit. Biochemical Journal, 2002, 364, 571-577.	1.7	14
188	Human T-cell lymphotropic virus oncoprotein Tax represses TGF-β1 signaling in human T cells via c-Jun activation: a potential mechanism of HTLV-I leukemogenesis. Blood, 2002, 100, 4129-4138.	0.6	91
189	Regulation of Cell Proliferation, Apoptosis, and Carcinogenesis by Activin. Experimental Biology and Medicine, 2002, 227, 75-87.	1.1	196
190	Extracellular and Cytoplasmic Domains of Endoglin Interact with the Transforming Growth Factor-Î ² Receptors I and II. Journal of Biological Chemistry, 2002, 277, 29197-29209.	1.6	193
191	Cross signaling, cell specificity, and physiology. American Journal of Physiology - Cell Physiology, 2002, 283, C2-C28.	2.1	66
192	Activins, Inhibins, and Follistatins: From Endocrinology to Signaling. A Paradigm for the New Millennium. Experimental Biology and Medicine, 2002, 227, 724-752.	1.1	283
193	TGF-β/BMP signaling in cartilage and bone cells. Current Opinion in Orthopaedics, 2002, 13, 368-374.	0.3	3
194	Effects of GnRH analogues, `add-back' steroid therapy, antiestrogen and antiprogestins on leiomyoma and myometrial smooth muscle cell growth and transforming growth factor-beta expression. Molecular Human Reproduction, 2002, 8, 1071-1078.	1.3	78
195	Trichostatin A, a Histone Deacetylase Inhibitor, Suppresses Collagen Synthesis and Prevents TGF-β1-Induced Fibrogenesis in Skin Fibroblasts. Experimental Cell Research, 2002, 278, 184-197.	1.2	116
196	TGFβ1 Modulates the Phenotype of Schwann Cells at the Transcriptional Level. Molecular and Cellular Neurosciences, 2002, 19, 307-319.	1.0	19
197	Bone Morphogenetic Proteins but Not Growth Differentiation Factors Induce Dopaminergic Differentiation in Mesencephalic Precursors. Molecular and Cellular Neurosciences, 2002, 21, 367-378.	1.0	27
198	Characterization of a Smad Motif Similar to Drosophila Mad in the Mouse Msx 1 Promoter. Biochemical and Biophysical Research Communications, 2002, 291, 655-662.	1.0	26

#	Article	IF	CITATIONS
199	Attenuation of Transforming Growth Factor Î ² -Induced Growth Inhibition in Human Hepatocellular Carcinoma Cell Lines by Cyclin D1 Overexpression. Biochemical and Biophysical Research Communications, 2002, 292, 383-389.	1.0	26
200	The Latent-TGFβ-Binding-Protein-1 (LTBP-1) Is Expressed in the Organizer and Regulates Nodal and Activin Signaling. Developmental Biology, 2002, 248, 118-127.	0.9	27
201	Direct Binding of Smad1 and Smad4 to Two Distinct Motifs Mediates Bone Morphogenetic Protein-specific Transcriptional Activation ofId1 Gene. Journal of Biological Chemistry, 2002, 277, 3176-3185.	1.6	260
202	Hyaluronan Promotes Signaling Interaction between CD44 and the Transforming Growth Factor Î ² Receptor I in Metastatic Breast Tumor Cells. Journal of Biological Chemistry, 2002, 277, 39703-39712.	1.6	204
203	Bone morphogenetic protein and retinoic acid signaling cooperate to induce osteoblast differentiation of preadipocytes. Journal of Cell Biology, 2002, 159, 135-146.	2.3	207
204	Review: ICSBP/IRF-8 Transactivation: A Tale of Protein-Protein Interaction. Journal of Interferon and Cytokine Research, 2002, 22, 153-160.	0.5	68
205	Sex-Specific Deployment of FGF Signaling in Drosophila Recruits Mesodermal Cells into the Male Genital Imaginal Disc. Cell, 2002, 109, 651-661.	13.5	90
206	E2F4/5 and p107 as Smad Cofactors Linking the TGFÎ ² Receptor to c-myc Repression. Cell, 2002, 110, 19-32.	13.5	443
207	The novel type I serine–threonine kinase receptor Alk8 binds TGF-β in the presence of TGF-βRII. Biochemical and Biophysical Research Communications, 2002, 293, 1556-1565.	1.0	8
208	Smad pathway is activated in the diabetic mouse kidney and Smad3 mediates TGF-β-induced fibronectin in mesangial cells. Biochemical and Biophysical Research Communications, 2002, 296, 1356-1365.	1.0	161
209	Phosphorylation regulation of the interaction between Smad7 and activin type I receptor. FEBS Letters, 2002, 519, 93-98.	1.3	20
210	Expression of the SMADIP1 gene during early human development. Mechanisms of Development, 2002, 114, 187-191.	1.7	49
211	SMAD1 signaling is critical for initial commitment of germ cell lineage from mouse epiblast. Mechanisms of Development, 2002, 118, 99-109.	1.7	144
212	Direct Interaction of c-Myc with Smad2 and Smad3 to Inhibit TGF-Î ² -Mediated Induction of the CDK Inhibitor p15Ink4B. Molecular Cell, 2002, 9, 133-143.	4.5	203
213	Nucleocytoplasmic Shuttling of Smads 2, 3, and 4 Permits Sensing of TGF-β Receptor Activity. Molecular Cell, 2002, 10, 283-294.	4.5	361
214	Smad2 Nucleocytoplasmic Shuttling by Nucleoporins CAN/Nup214 and Nup153 Feeds TGFÎ ² Signaling Complexes in the Cytoplasm and Nucleus. Molecular Cell, 2002, 10, 271-282.	4.5	229
215	Control of Smad7 Stability by Competition between Acetylation and Ubiquitination. Molecular Cell, 2002, 10, 483-493.	4.5	313
216	Regulation of cytokine signaling and inflammation. Cytokine and Growth Factor Reviews, 2002, 13, 413-421.	3.2	630

#	Article	IF	CITATIONS
217	Neural inhibition by c-Jun as a synergizing factor in bone morphogenetic protein 4 signaling. Neuroscience, 2002, 109, 657-664.	1.1	14
218	Gene structure and expression of cg -ALR1, a type I activin-like receptor from the bivalve mollusc Crassostrea gigas. Gene, 2002, 301, 21-30.	1.0	24
219	Properties of inhibin binding to betaglycan, InhBP/p120 and the activin type II receptors. Molecular and Cellular Endocrinology, 2002, 196, 79-93.	1.6	80
220	The genetic pathogenesis of colorectal cancer. Hematology/Oncology Clinics of North America, 2002, 16, 775-810.	0.9	61
221	TGF-β ₁ stimulates HO-1 via the p38 mitogen-activated protein kinase in A549 pulmonary epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 283, L1094-L1102.	1.3	92
222	Spectrum of molecular changes during hepatocarcinogenesis induced by DEN and other chemicals in Fischer 344 male rats. Mechanisms of Ageing and Development, 2002, 123, 1665-1680.	2.2	36
223	TGF-β1 upregulates CX3CR1 expression and inhibits fractalkine-stimulated signaling in rat microglia. Journal of Neuroimmunology, 2002, 133, 46-55.	1.1	94
224	Upregulation by retinoic acid of transforming growth factor-β-stimulated heat shock protein 27 induction in osteoblasts: involvement of mitogen-activated protein kinases. Biochimica Et Biophysica Acta - Molecular Cell Research, 2002, 1589, 15-30.	1.9	37
225	TGF-β1 increases tyrosine hydroxylase expression by a mechanism blocked by BMP-2 in human neuroblastoma SH-SY5Y cells. Brain Research, 2002, 958, 152-160.	1.1	22
226	Smads "Freeze―When They Ski. Structure, 2002, 10, 1607-1611.	1.6	15
227	Role of TGF-Î ² family in osteoclastogenesis induced by RANKL. Cellular Signalling, 2002, 14, 31-36.	1.7	72
228	Integration of the TGF-β pathway into the cellular signalling network. Cellular Signalling, 2002, 14, 977-988.	1.7	164
229	Bone morphogenetic proteins with some comments on fibrodysplasia ossificans progressiva and NOGGIN. American Journal of Medical Genetics Part A, 2002, 109, 87-92.	2.4	33
230	Frameshift mutation in the cartilage-derived morphogenetic protein 1 (CDMP1) gene and severe acromesomelic chondrodysplasia resembling Grebe-type chondrodysplasia. American Journal of Medical Genetics Part A, 2002, 111, 31-37.	2.4	62
231	Scleroderma and Smads: Dysfunctional Smad family dynamics culminating in fibrosis. Arthritis and Rheumatism, 2002, 46, 1703-1713.	6.7	122
232	Transforming growth factor-beta 3(Tgf-?3) in a collagen gel delays fusion of the rat posterior interfrontal suture in vivo. The Anatomical Record, 2002, 267, 120-130.	2.3	47
233	TGF-? induces cell death in the oligodendroglial cell line OLI-neu. Glia, 2002, 40, 95-108.	2.5	36
234	Epstein-Barr virus antagonizes the antiproliferative activity of transforming growth factor-? but does not abolish its signaling. International Journal of Cancer, 2002, 101, 442-447.	2.3	7

#	Article	IF	CITATIONS
235	Decreased Smad4 expression in the transforming growth factor-? signaling pathway during progression of esophageal squamous cell carcinoma. Cancer, 2002, 95, 737-743.	2.0	76
236	Zebrafishsmad7 is regulated by Smad3 and BMP signals. Developmental Dynamics, 2002, 224, 334-349.	0.8	27
237	TGF-β, BMPS, and their signal transducing mediators, Smads, in rat fracture healing. Journal of Biomedical Materials Research Part B, 2002, 60, 392-397.	3.0	76
238	Interleukin-4 regulates connective tissue growth factor expression in human lung fibroblasts. Journal of Cellular Biochemistry, 2002, 85, 496-504.	1.2	28
239	Low oxygen tension stimulates collagen synthesis and COL1A1 transcription through the action of TGF-?1. Journal of Cellular Physiology, 2002, 191, 42-50.	2.0	173
240	Regulation of cell proliferation by Smad proteins. Journal of Cellular Physiology, 2002, 191, 1-16.	2.0	418
241	Control of connective tissue gene expression by TGFβ: Role of smad proteins in fibrosis. Current Rheumatology Reports, 2002, 4, 143-149.	2.1	81
242	The role of TGF-β in digestive organ disease. Journal of Gastroenterology, 2002, 37, 991-999.	2.3	11
243	The FYVE domain in Smad anchor for receptor activation (SARA) is sufficient for localization of SARA in early endosomes and regulates TGF-β/Smad signalling. Genes To Cells, 2002, 7, 321-331.	0.5	137
244	Transforming Growth Factor-Î ² Signaling Through the Smad Pathway: Role in Extracellular Matrix Gene Expression and Regulation. Journal of Investigative Dermatology, 2002, 118, 211-215.	0.3	550
245	Effects of high glucose and TGF-β1 on the expression of collagen IV and vascular endothelial growth factor in mouse podocytes. Kidney International, 2002, 62, 901-913.	2.6	182
246	Increased expression of pro-inflammatory cytokines and metalloproteinase-1 by TGF-β1 in synovial fibroblasts from rheumatoid arthritis and normal individuals. Clinical and Experimental Immunology, 2002, 127, 547-552.	1.1	117
247	A transcriptional response to Wnt protein in human embryonic carcinoma cells. BMC Developmental Biology, 2002, 2, 8.	2.1	352
248	Runx1/AML1 in leukemia: disrupted association with diverse protein partners. Leukemia Research, 2002, 26, 221-228.	0.4	51
249	Transcription activation of FLRG and follistatin by activin A, through Smad proteins, participates in a negative feedback loop to modulate activin A function. Oncogene, 2002, 21, 2227-2235.	2.6	79
250	Yes-associated protein (YAP65) interacts with Smad7 and potentiates its inhibitory activity against TGF-β/Smad signaling. Oncogene, 2002, 21, 4879-4884.	2.6	199
251	Transforming Growth Factor-β1—Modulated Cerebral Gene Expression. Journal of Cerebral Blood Flow and Metabolism, 2002, 22, 1114-1123.	2.4	24
252	TGF-β induces apoptosis through Smad-mediated expression of DAP-kinase. Nature Cell Biology, 2002, 4, 51-58.	4.6	359

#	Article	IF	CITATIONS
253	SMIF, a Smad4-interacting protein that functions as a co-activator in TGFÎ ² signalling. Nature Cell Biology, 2002, 4, 181-190.	4.6	82
254	Metastasis is driven by sequential elevation of H-ras and Smad2 levels. Nature Cell Biology, 2002, 4, 487-494.	4.6	348
255	Myofibroblasts and mechano-regulation of connective tissue remodelling. Nature Reviews Molecular Cell Biology, 2002, 3, 349-363.	16.1	3,539
256	Signalling through receptor bound protein serine/threonine kinases. , 2002, , 359-371.		1
257	Microarray Analysis of Bone Morphogenetic Protein, Transforming Growth Factor β, and Activin Early Response Genes During Osteoblastic Cell Differentiation. Journal of Bone and Mineral Research, 2002, 17, 2119-2129.	3.1	59
258	Bone Morphogenetic Protein-Mediating Receptor-Associated Smads as well as Common Smad Are Expressed in Human Articular Chondrocytes but not Up-Regulated or Down-Regulated in Osteoarthritic Cartilage. Journal of Bone and Mineral Research, 2002, 17, 2141-2150.	3.1	32
259	Smad3 Promotes Alkaline Phosphatase Activity and Mineralization of Osteoblastic MC3T3-E1 Cells. Journal of Bone and Mineral Research, 2002, 17, 1190-1199.	3.1	84
260	Different Smad2 partners bind a common hydrophobic pocket in Smad2 via a defined proline-rich motif. EMBO Journal, 2002, 21, 145-156.	3.5	84
261	Smad-dependent GADD45beta expression mediates delayed activation of p38 MAP kinase by TGF-beta. EMBO Journal, 2002, 21, 6473-6482.	3.5	162
262	TGFbeta-Regulated Transcriptional Mechanisms in Cancer. International Journal of Gastrointestinal Cancer, 2002, 31, 61-70.	0.4	19
263	Transforming growth factor-beta and ischemic brain injury. Cellular and Molecular Neurobiology, 2003, 23, 539-550.	1.7	90
264	Structures of an ActRIIB:activin A complex reveal a novel binding mode for TGF-beta ligand:receptor interactions. EMBO Journal, 2003, 22, 1555-1566.	3.5	188
265	Regulation of Smad signaling through a differential recruitment of coactivators and corepressors by ZEB proteins. EMBO Journal, 2003, 22, 2453-2462.	3.5	312
266	Gene Array Analysis of Bone Morphogenetic Protein Type I Receptor-Induced Osteoblast Differentiation. Journal of Bone and Mineral Research, 2003, 18, 1177-1185.	3.1	55
267	ALK2 Functions as a BMP Type I Receptor and Induces Indian Hedgehog in Chondrocytes During Skeletal Development. Journal of Bone and Mineral Research, 2003, 18, 1593-1604.	3.1	112
268	Effects of interferon-Î ³ on human subconjunctival fibroblasts in the presence of TGFÎ ² 1: reversal of TGFÎ ² -stimulated collagen production. , 2003, 241, 116-124.		22
269	Growth inhibitory signalling by TGFβ is blocked in Ras-transformed intestinal epithelial cells at a post-receptor locus. Cellular Signalling, 2003, 15, 699-708.	1.7	11
270	Accommodation in ABO-Incompatible Kidney Allografts, a Novel Mechanism of Self-Protection Against Antibody-Mediated Injury. American Journal of Transplantation, 2003, 3, 952-960.	2.6	177

#	Article	IF	CITATIONS
271	Gradients and thresholds: BMP response gradients unveiled in Drosophila embryos. Trends in Genetics, 2003, 19, 701-708.	2.9	52
272	Dpp Signaling Silences bam Transcription Directly to Establish Asymmetric Divisions of Germline Stem Cells. Current Biology, 2003, 13, 1786-1791.	1.8	375
273	Erratum to "Spectrum of molecular changes during hepatocarcinogenesis induced by DEN and other chemicals in Fischer 344 male rats―[Mechanisms of Ageing and Development 123 (2002) 1665–1680]. Mechanisms of Ageing and Development, 2003, 124, 697-708.	2.2	22
274	Pancreatic carcinoma cell lines withSMAD4inactivation show distinct expression responses to TGFB1. Genes Chromosomes and Cancer, 2003, 36, 340-352.	1.5	12
275	Smad3 mediates the TGF-?-induced contraction of type I collagen gels by mouse embryo fibroblasts. Cytoskeleton, 2003, 54, 248-253.	4.4	38
276	Transforming growth factor ?-1 and amphiregulin act in synergy to increase the production of urokinase-type plasminogen activator in transformed breast epithelial cells. International Journal of Cancer, 2003, 105, 769-778.	2.3	14
277	Bone morphogenetic protein-7 reduces the severity of colon tissue damage and accelerates the healing of inflammatory bowel disease in rats. Journal of Cellular Physiology, 2003, 196, 258-264.	2.0	75
278	TGF-β1 modulates Fas (APO-1/CD95)-mediated apoptosis of human pre-B cell lines. European Journal of Immunology, 2003, 33, 1372-1381.	1.6	19
279	TGF?/Smad signaling system and its pathologic correlates. American Journal of Medical Genetics Part A, 2003, 116A, 1-10.	2.4	87
280	Molecular dimensions of gastrointestinal tumors: Some thoughts for digestion. American Journal of Medical Genetics Part A, 2003, 122A, 303-314.	2.4	19
281	Expression and regulation of intracellular SMAD signaling in scleroderma skin fibroblasts. Arthritis and Rheumatism, 2003, 48, 1964-1978.	6.7	176
282	TGF-? signaling in human skeletal and patterning disorders. Birth Defects Research Part C: Embryo Today Reviews, 2003, 69, 333-351.	3.6	73
283	Parenchymal transforming growth factor beta-1: Its type II receptor and Smad signaling pathway correlate with inflammation and fibrosis in chronic liver disease of viral etiology. Journal of Gastroenterology and Hepatology (Australia), 2003, 18, 1302-1308.	1.4	34
284	Keratinocyte Growth Inhibition by High-Dose Epidermal Growth Factor Is Mediated by Transforming Growth Factor Î ² Autoinduction: A Negative Feedback Mechanism for Keratinocyte Growth. Journal of Investigative Dermatology, 2003, 120, 1030-1037.	0.3	31
285	Activation of the TGF- β/Smad signaling pathway in focal segmental glomerulosclerosis. Kidney International, 2003, 64, 1715-1721.	2.6	125
286	Collagen-Hydroxyapatite/Tricalcium Phosphate Microspheres as a Delivery System for Recombinant Human Transforming Growth Factor-beta 1. Artificial Organs, 2003, 27, 605-612.	1.0	34
287	Transcriptional Control of the Mouse Col7a1 Gene in Keratinocytes: Basal and Transforming Growth Factor-β Regulated Expression. Journal of Investigative Dermatology, 2003, 121, 1469-1478.	0.3	19
288	TGF-β-induced nuclear localization of Smad2 and Smad3 in Smad4 null cancer cell lines. Oncogene, 2003, 22, 1317-1323.	2.6	80

#	Article	IF	CITATIONS
289	An extended bipartite nuclear localization signal in Smad4 is required for its nuclear import and transcriptional activity. Oncogene, 2003, 22, 1057-1069.	2.6	95
290	Attenuation of the TGF-β-Smad signaling pathway in pancreatic tumor cells confers resistance to TGF-β-induced growth arrest. Oncogene, 2003, 22, 3698-3711.	2.6	137
291	p38 MAP kinase modulates Smad-dependent changes in human prostate cell adhesion. Oncogene, 2003, 22, 4841-4850.	2.6	50
292	Differential regulation of TGF-l ² signaling through Smad2, Smad3 and Smad4. Oncogene, 2003, 22, 6748-6763.	2.6	122
293	Genomic profiling identifies alterations in TGFβ signaling through loss of TGFβ receptor expression in human renal cell carcinogenesis and progression. Oncogene, 2003, 22, 8053-8062.	2.6	105
294	Cyclic adenosine 3′,5′-monophosphate-elevating agents inhibit transforming growth factor-β-induced SMAD3/4-dependent transcription via a protein kinase A-dependent mechanism. Oncogene, 2003, 22, 8881-8890.	2.6	70
295	Retinoic acid receptors interfere with the TGF-β/Smad signaling pathway in a ligand-specific manner. Oncogene, 2003, 22, 8212-8220.	2.6	75
296	Cytostatic and apoptotic actions of TGF-β in homeostasis and cancer. Nature Reviews Cancer, 2003, 3, 807-820.	12.8	1,486
297	Smad3: A Key Player in Pathogenetic Mechanisms Dependent on TGFâ€Î². Annals of the New York Academy of Sciences, 2003, 995, 1-10.	1.8	218
298	SMAD5 Gene Expression, Rearrangements, Copy Number, Amplification at Fragile Site FRA5C in Human Hepatocellular Carcinoma. Neoplasia, 2003, 5, 390-396.	2.3	25
299	Interfering with TGFbeta-induced Smad3 nuclear accumulation differentially affects TGFbeta-dependent gene expression. Molecular Cancer, 2003, 2, 20.	7.9	17
300	Gonadotropin releasing hormone analogue (GnRHa) alters the expression and activation of Smad in human endometrial epithelial and stromal cells. Reproductive Biology and Endocrinology, 2003, 1, 125.	1.4	18
301	Opposing functions of ZEB proteins in the regulation of the TGFbeta/BMP signaling pathway. EMBO Journal, 2003, 22, 2443-2452.	3.5	244
302	Transforming Growth Factor β3 Regulates the Dynamics of Sertoli Cell Tight Junctions Via the p38 Mitogen-Activated Protein Kinase Pathway1. Biology of Reproduction, 2003, 68, 1597-1612.	1.2	157
303	Concentration-dependent bifunctional effect of TGF- $\hat{1}^21$ on immunoglobulin production: a role for Smad3 in IgA production in vitro. International Immunopharmacology, 2003, 3, 1761-1774.	1.7	19
304	The expression of Smads and transforming growth factor beta receptors in leiomyoma and myometrium and the effect of gonadotropin releasing hormone analogue therapy. Molecular and Cellular Endocrinology, 2003, 209, 9-16.	1.6	68
305	Components of the anti-Müllerian hormone signaling pathway in gonads. Molecular and Cellular Endocrinology, 2003, 211, 9-14.	1.6	100
306	Mediation of Transforming Growth Factor- \hat{I}^2 1-Stimulated Matrix Contraction by Fibroblasts. American Journal of Pathology, 2003, 163, 2043-2052.	1.9	105

	Ci	CITATION REPORT		
#	Article	IF	Citations	
307	On and off: proteasome and TGF- \hat{l}^2 signaling. Experimental Cell Research, 2003, 291, 275-281.	1.2	59	
308	DIVERGENCE OF EPIDERMAL GROWTH FACTOR–TRANSFORMING GROWTH FACTORβ SIGNALING EMBRYONIC OROFACIAL TISSUE. In Vitro Cellular and Developmental Biology - Animal, 2003, 39, 257		4	
309	Identification of a phylogenetically conserved activin-responsive enhancer in the Zic3 gene. Mechanisms of Development, 2003, 120, 955-964.	1.7	10	
310	COMPASS: A Tool for Comparison of Multiple Protein Alignments with Assessment of Statistical Significance. Journal of Molecular Biology, 2003, 326, 317-336.	2.0	263	
311	Transforming Growth Factor-beta (TGF-Î ²) Binding to the Extracellular Domain of the Type II TGF-Î ² Receptor: Receptor Capture on a Biosensor Surface Using a New Coiled-coil Capture System Demonstrates that Avidity Contributes Significantly to High Affinity Binding. Journal of Molecular Biology, 2003, 328, 1173-1183.	2.0	88	
312	New intracellular components of bone morphogenetic protein/Smad signaling cascades. FEBS Letters 2003, 546, 133-139.	^{;,} 1.3	96	
313	Conversion of an Extracellular Dpp/BMP Morphogen Gradient into an Inverse Transcriptional Gradient. Cell, 2003, 113, 221-233.	13.5	161	
314	Mechanisms of TGF-Î ² Signaling from Cell Membrane to the Nucleus. Cell, 2003, 113, 685-700.	13.5	5,290	
315	Posttranscriptional regulation of TSC-22 (TGF-β-stimulated clone-22) gene by TGF-β1. Biochemical ar Biophysical Research Communications, 2003, 305, 846-854.	nd 1.0	21	
316	Mice lacking Smad3 are protected against streptozotocin-induced diabetic glomerulopathy. Biochemical and Biophysical Research Communications, 2003, 305, 1002-1007.	1.0	178	
317	Accumulation of p27KIP1 is associated with BMP2-induced growth arrest and neuronal differentiation of human neuroblastoma-derived cell lines. Biochemical and Biophysical Research Communications, 2003, 307, 206-213.	ו 1.0	43	
318	Mitochondrial localization of Smad5 in a human chondrogenic cell line. Biochemical and Biophysical Research Communications, 2003, 307, 108-113.	1.0	12	
319	TGF-β1 signaling controls retinal pericyte contractile protein expression. Microvascular Research, 2003, 66, 190-196.	1.1	66	
320	Molecular link in the sequential induction of the Spemann organizer: direct activation of the cerberus gene by Xlim-1, Xotx2, Mix.1, and Siamois, immediately downstream from Nodal and Wnt signaling. Developmental Biology, 2003, 257, 190-204.	0.9	47	
321	Growth differentiation factor-9 signaling in the ovary. Molecular and Cellular Endocrinology, 2003, 202, 31-36.	1.6	32	
322	TGF-β control of rat thyroid follicular cells differentiation. Molecular and Cellular Endocrinology, 2003, 207, 1-11.	1.6	43	
323	Local roles of TGF-β superfamily members in the control of ovarian follicle development. Animal Reproduction Science, 2003, 78, 165-183.	0.5	245	
324	Effect of Transforming Growth Factor-beta (TGF-β) on Mammary Development. Journal of Dairy Scien 2003, 86, E16-E27.	ce, 1.4	8	

#	Article	IF	CITATIONS
325	Transforming growth factor-β and its role in asthma. Pulmonary Pharmacology and Therapeutics, 2003, 16, 181-196.	1.1	127
326	The BMP7/ActRII Extracellular Domain Complex Provides New Insights into the Cooperative Nature of Receptor Assembly. Molecular Cell, 2003, 11, 605-617.	4.5	248
327	A Self-Enabling TGFβ Response Coupled to Stress Signaling. Molecular Cell, 2003, 11, 915-926.	4.5	495
328	Transduction pathway of anti-Müllerian hormone, a sex-specific member of the TGF-β family. Trends in Endocrinology and Metabolism, 2003, 14, 91-97.	3.1	117
329	Transforming growth factor-l̂²1 down-regulates expression of chemokine stromal cell–derived factor-1: functional consequences in cell migration and adhesion. Blood, 2003, 102, 1978-1984.	0.6	94
330	Transforming growth factor Î ² . , 2003, , 1119-1152.		5
331	BMP Responsiveness in Human Mesenchymal Stem Cells. Connective Tissue Research, 2003, 44, 305-311.	1.1	136
332	Central role for Rho in TGF-β ₁ -induced α-smooth muscle actin expression during epithelial-mesenchymal transition. American Journal of Physiology - Renal Physiology, 2003, 284, F911-F924.	1.3	227
333	Spatial Expression Patterns of Activin and Its Signaling System in the Zebrafish Ovarian Follicle: Evidence for Paracrine Action of Activin on the Oocytes1. Biology of Reproduction, 2003, 69, 1998-2006.	1.2	79
334	Stepwise formation of a SMAD activity gradient during dorsal-ventral patterning of the Drosophila embryo. Development (Cambridge), 2003, 130, 5705-5716.	1.2	66
335	Signal-dependent N-CoR Requirement for Repression by the Ski Oncoprotein. Journal of Biological Chemistry, 2003, 278, 24858-24864.	1.6	41
336	Activation of Transforming Growth Factor-β Signaling by SUMO-1 Modification of Tumor Suppressor Smad4/DPC4. Journal of Biological Chemistry, 2003, 278, 18714-18719.	1.6	121
337	Smad proteins regulate transcriptional induction of the SM22alpha gene by TGF-beta. Nucleic Acids Research, 2003, 31, 1302-1310.	6.5	97
338	Suppression of macho-1-directed muscle fate by FGF and BMP is required for formation of posterior endoderm in ascidian embryos. Development (Cambridge), 2003, 130, 3205-3216.	1.2	29
339	GATA- and Smad1-Dependent Enhancers in the Smad7 Gene Differentially Interpret Bone Morphogenetic Protein Concentrations. Molecular and Cellular Biology, 2003, 23, 6646-6661.	1.1	82
340	Smad6 Recruits Transcription Corepressor CtBP To Repress Bone Morphogenetic Protein-Induced Transcription. Molecular and Cellular Biology, 2003, 23, 9081-9093.	1.1	100
341	Activation of TGF-β-Smad signaling pathway following polyamine depletion in intestinal epithelial cells. American Journal of Physiology - Renal Physiology, 2003, 285, G1056-G1067.	1.6	58
342	FGF-2 Antagonizes the TGF-β1-Mediated Induction of Pericyte α-Smooth Muscle Actin Expression: A Role for Myf-5 and Smad-Mediated Signaling Pathways. , 2003, 44, 4994.		89

#	Article	IF	CITATIONS
343	Early stimulation and late inhibition of peroxisome proliferator-activated receptor gamma (PPARgamma) gene expression by transforming growth factor beta in human aortic smooth muscle cells: role of early growth-response factor-1 (Egr-1), activator protein 1 (AP1) and Smads. Biochemical Journal, 2003, 370, 1019-1025.	1.7	76
344	Involvement of bone morphogenetic protein 4 (BMP-4) in pituitary prolactinoma pathogenesis through a Smad/estrogen receptor crosstalk. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 1034-1039.	3.3	171
345	A Novel Nuclear Export Signal in Smad1 Is Essential for Its Signaling Activity. Journal of Biological Chemistry, 2003, 278, 34245-34252.	1.6	33
346	Transforming Growth Factor-β-Smad Signaling Pathway Negatively Regulates Nontypeable Haemophilus influenzae-induced MUC5AC Mucin Transcription via Mitogen-activated Protein Kinase (MAPK) Phosphatase-1-dependent Inhibition of p38 MAPK. Journal of Biological Chemistry, 2003, 278, 27811-27819.	1.6	85
347	Sequence analysis of bone morphogenetic protein receptor type II mRNA from ascitic and nonascitic commercial broilers. Poultry Science, 2003, 82, 1494-1499.	1.5	11
348	DrosophilaTGIF Proteins Are TranscriptionalActivators. Molecular and Cellular Biology, 2003, 23, 9262-9274.	1.1	37
349	Involvement of p300 in TGF-β/Smad-Pathway-Mediated α2(I) Collagen Expression in Mouse Mesangial Cells. Nephron Experimental Nephrology, 2003, 95, e36-e42.	2.4	24
350	Mechanism of a Transcriptional Cross Talk between Transforming Growth Factor-β–regulated Smad3 and Smad4 Proteins and Orphan Nuclear Receptor Hepatocyte Nuclear Factor-4. Molecular Biology of the Cell, 2003, 14, 1279-1294.	0.9	49
351	Trichostatin A and Structurally Related Histone Deacetylase Inhibitors Induce 5-Lipoxygenase Promoter Activity. Biological Chemistry, 2003, 384, 777-85.	1.2	28
352	Proteomics in Drug Discovery. Advances in Protein Chemistry, 2003, 65, 309-342.	4.4	11
353	Novel therapies for renal cell carcinoma – an update. Expert Opinion on Investigational Drugs, 2003, 12, 593-609.	1.9	13
354	Differential Expression, Regulation, and Induction of Smads, Transforming Growth Factor-Î ² Signal Transduction Pathway in Leiomyoma, and Myometrial Smooth Muscle Cells and Alteration by Gonadotropin-Releasing Hormone Analog. Journal of Clinical Endocrinology and Metabolism, 2003, 88. 1350-1361.	1.8	44
355	AML1 Interconnected Pathways of Leukemogenesis. Cancer Investigation, 2003, 21, 105-136.	0.6	39
356	Regulation of BMP and Activin Signaling in Drosophila. Progress in Molecular and Subcellular Biology, 2003, 34, 73-101.	0.9	59
357	Comparative Analysis of the Genetic Structure and Chromosomal Mapping of the MurineGadd45g/CR6Gene. DNA and Cell Biology, 2003, 22, 457-468.	0.9	17
358	SUMO-1/Ubc9 Promotes Nuclear Accumulation and Metabolic Stability of Tumor Suppressor Smad4. Journal of Biological Chemistry, 2003, 278, 31043-31048.	1.6	160
359	Transforming Growth Factor-Î ² -induced Apoptosis Is Mediated by Smad-dependent Expression of GADD45b through p38 Activation. Journal of Biological Chemistry, 2003, 278, 43001-43007.	1.6	238
360	The Transforming Activity of Ski and SnoN Is Dependent on Their Ability to Repress the Activity of Smad Proteins. Journal of Biological Chemistry, 2003, 278, 30540-30547.	1.6	94

#	Article	IF	CITATIONS
361	Mad Upregulation and Id2 Repression Accompany Transforming Growth Factor (TGF)-Î ² -mediated Epithelial Cell Growth Suppression. Journal of Biological Chemistry, 2003, 278, 35444-35450.	1.6	85
362	Repression of Smad transcriptional activity by PIASy, an inhibitor of activated STAT. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9791-9796.	3.3	104
363	TGFβ1â€induced suppression of glutathione antioxidant defenses in hepatocytes: caspaseâ€dependent posttranslational and caspaseâ€independent transcriptional regulatory mechanisms. FASEB Journal, 2003, 17, 1-23.	0.2	87
364	Epithelial to Mesenchymal Transition in Madin-Darby Canine Kidney Cells Is Accompanied by Down-regulation of Smad3 Expression, Leading to Resistance to Transforming Growth Factor-β-induced Growth Arrest. Journal of Biological Chemistry, 2003, 278, 3251-3256.	1.6	65
365	Mixer/Bon and FoxH1/Sur have overlapping and divergent roles in Nodal signaling and mesendoderm induction. Development (Cambridge), 2003, 130, 5589-5599.	1.2	49
366	Direct Interaction of Ski with Either Smad3 or Smad4 Is Necessary and Sufficient for Ski-mediated Repression of Transforming Growth Factor-Î ² Signaling. Journal of Biological Chemistry, 2003, 278, 32489-32492.	1.6	45
367	Transforming Growth Factor-Î ² -mediated Signaling via the p38 MAP Kinase Pathway Activates Smad-dependent Transcription through SUMO-1 Modification of Smad4. Journal of Biological Chemistry, 2003, 278, 50833-50842.	1.6	113
368	Transcriptional Regulation of Tristetraprolin by Transforming Growth Factor-Î ² in Human T Cells. Journal of Biological Chemistry, 2003, 278, 30373-30381.	1.6	58
369	Regulation of Biglycan Gene Expression by Transforming Growth Factor-Î ² Requires MKK6-p38 Mitogen-activated Protein Kinase Signaling Downstream of Smad Signaling. Journal of Biological Chemistry, 2003, 278, 11041-11049.	1.6	57
370	Regulation of Transforming Growth Factor-β Signaling by Protein Inhibitor of Activated STAT, PIASy through Smad3. Journal of Biological Chemistry, 2003, 278, 34253-34258.	1.6	79
371	Parathyroid Hormone-Smad3 Axis Exerts Anti-apoptotic Action and Augments Anabolic Action of Transforming Growth Factor β in Osteoblasts. Journal of Biological Chemistry, 2003, 278, 52240-52252.	1.6	63
372	Transforming Growth Factor-β Inhibits Adipocyte Differentiation by Smad3 Interacting with CCAAT/Enhancer-binding Protein (C/EBP) and Repressing C/EBP Transactivation Function. Journal of Biological Chemistry, 2003, 278, 9609-9619.	1.6	300
373	Features of a Smad3 MH1-DNA Complex. Journal of Biological Chemistry, 2003, 278, 20327-20331.	1.6	64
374	Nramp1-mediated Innate Resistance to Intraphagosomal Pathogens Is Regulated by IRF-8, PU.1, and Miz-1. Journal of Biological Chemistry, 2003, 278, 44025-44032.	1.6	36
375	Cell-Type-Specific Activation of PAK2 by Transforming Growth Factor β Independent of Smad2 and Smad3. Molecular and Cellular Biology, 2003, 23, 8878-8889.	1.1	132
376	Regulation of ovarian function by the TGF-beta superfamily and follistatin. Reproduction, 2003, 126, 133-148.	1.1	99
377	5-Fluorouracil Blocks Transforming Growth Factor-β–Induced α2Type I Collagen Gene (COL1A2) Expression in Human Fibroblasts via c-Jun NH2-Terminal Kinase/Activator Protein-1 Activation. Molecular Pharmacology, 2003, 64, 707-713.	1.0	99
378	Differential Roles of Smad1 and p38 Kinase in Regulation of Peroxisome Proliferator-activating Receptor γ during Bone Morphogenetic Protein 2-induced Adipogenesis. Molecular Biology of the Cell, 2003 14 545-555	0.9	171

#	Article	IF	CITATIONS
379	Cytoskeletal Rearrangement and Signal Transduction in TGF-β1–Stimulated Mesangial Cell Collagen Accumulation. Journal of the American Society of Nephrology: JASN, 2003, 14, 1969-1980.	3.0	51
380	Hereditary hemorrhagic telangiectasia: an update on transforming growth factor ? signaling in vasculogenesis and angiogenesis. Cardiovascular Research, 2003, 58, 20-31.	1.8	101
381	Overview of Glucose Signaling in Mesangial Cells in Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2003, 14, 1374-1382.	3.0	107
382	Rapid Up-Regulation of α4 Integrin-mediated Leukocyte Adhesion by Transforming Growth Factor-β1. Molecular Biology of the Cell, 2003, 14, 54-66.	0.9	27
383	Requirement of the Co-repressor Homeodomain-interacting Protein Kinase 2 for Ski-mediated Inhibition of Bone Morphogenetic Protein-induced Transcriptional Activation. Journal of Biological Chemistry, 2003, 278, 38998-39005.	1.6	65
384	Transforming growth factor-l²1 downregulation of Smad1 gene expression in rat hepatic stellate cells. American Journal of Physiology - Renal Physiology, 2003, 285, G539-G546.	1.6	47
385	Smad-Dependent Recruitment of a Histone Deacetylase/Sin3A Complex Modulates the Bone Morphogenetic Protein-Dependent Transcriptional Repressor Activity of Nkx3.2. Molecular and Cellular Biology, 2003, 23, 8704-8717.	1.1	98
386	Insights into the Genetic and Molecular Basis of Primary Pulmonary Hypertension. Pediatric Research, 2003, 53, 883-888.	1.1	22
387	Regulation of the Rat Follicle-Stimulating Hormone β-Subunit Promoter by Activin. Molecular Endocrinology, 2003, 17, 318-332.	3.7	118
388	Ultrafine Carbon Black Particles Inhibit Human Lung Fibroblast-Mediated Collagen Gel Contraction. American Journal of Respiratory Cell and Molecular Biology, 2003, 28, 111-121.	1.4	59
389	The Expression of Smads in Human Endometrium and Regulation and Induction in Endometrial Epithelial and Stromal Cells by Transforming Growth Factor-β. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 4967-4976.	1.8	44
390	TGF-β S <scp>ignaling and its</scp> F <scp>unctional</scp> S <scp>ignificance in</scp> R <scp>egulating the</scp> F <scp>ate of</scp> C <scp>ranial</scp> N <scp>eural</scp> C <scp>rest</scp> C <scp>ells</scp> . Critical Reviews in Oral Biology and Medicine, 2003, 14, 78-88.	4.4	63
391	Patterning of the Zebrafish Embryo by Nodal Signals. Current Topics in Developmental Biology, 2003, 55, 143-171.	1.0	11
392	TGF-Î ² in Mammary Gland Development and Breast Cancer. Breast Disease, 2003, 18, 61-73.	0.4	28
393	Exploitation of Host Epithelial Signaling Networks by Respiratory Bacterial Pathogens. Journal of Pharmacological Sciences, 2003, 91, 1-7.	1.1	53
394	Regulation of TG-interacting factor by transforming growth factor-beta. Biochemical Journal, 2003, 371, 257-263.	1.7	30
395	Transforming Growth Factor-βs Are Essential for the Development of Midbrain Dopaminergic Neurons <i>In Vitro</i> and <i>In Vivo</i> . Journal of Neuroscience, 2003, 23, 5178-5186.	1.7	155
396	BMP signaling and HOX transcription factors in limb development. Frontiers in Bioscience - Landmark, 2003, 8, s805-812.	3.0	17

#	Article	IF	CITATIONS
397	Activin A Signaling Induces Smad2, but Not Smad3, Requiring Protein Kinase A Activity in Granulosa Cells from the Avian Ovary. Journal of Biological Chemistry, 2003, 278, 21197-21203.	1.6	23
398	Smad3 and PKCÎ′ mediate TGF-β ₁ -induced collagen I expression in human mesangial cells. American Journal of Physiology - Renal Physiology, 2003, 285, F413-F422.	1.3	88
399	The role of SMADS in BMP signaling. Frontiers in Bioscience - Landmark, 2003, 8, s275-284.	3.0	46
400	Regulation of Cell Cycle Progression. , 2003, , 401-409.		0
401	Bone morphogenetic proteins induce apoptosis in human pulmonary vascular smooth muscle cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2003, 285, L740-L754.	1.3	237
402	The choice between epidermal and neural fate: a matter of calcium International Journal of Developmental Biology, 2004, 48, 75-84.	0.3	55
403	Smad and p38-MAPK signaling mediates apoptotic effects of transforming growth factor-β1 in human airway epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 287, L515-L524.	1.3	40
404	Mixed Lineage Kinase 3 (MLK3)-activated p38 MAP Kinase Mediates Transforming Growth Factor-β-induced Apoptosis in Hepatoma Cells. Journal of Biological Chemistry, 2004, 279, 29478-29484.	1.6	82
405	The Functional Interaction between the Paired Domain Transcription Factor Pax8 and Smad3 Is Involved in Transforming Growth Factor-1² Repression of the Sodium/Iodide Symporter Gene. Journal of Biological Chemistry, 2004, 279, 3439-3446.	1.6	105
406	NFI-Ski Interactions Mediate Transforming Growth Factor β Modulation of Human Papillomavirus Type 16 Early Gene Expression. Journal of Virology, 2004, 78, 3953-3964.	1.5	39
407	Antiestrogens Induce Growth Inhibition by Sequential Activation of p38 Mitogen-Activated Protein Kinase and Transforming Growth Factor-β Pathways in Human Breast Cancer Cells. Molecular Endocrinology, 2004, 18, 1643-1657.	3.7	47
408	Conditional Overexpression of Bioactive Transforming Growth Factor–β1 in Neonatal Mouse Lung. American Journal of Respiratory Cell and Molecular Biology, 2004, 31, 650-656.	1.4	149
409	Gonadotropin Releasing Hormone and Transforming Growth Factor Î ² Activate Mitogen-Activated Protein Kinase/Extracellularly Regulated Kinase and Differentially Regulate Fibronectin, Type I Collagen, and Plasminogen Activator Inhibitor-1 Expression in Leiomyoma and Myometrial Smooth Muscle Cells. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 5549-5557.	1.8	69
410	Bmp signals from niche cells directly repress transcription of a differentiation-promoting gene, bag of marbles, in germline stem cells in the Drosophila ovary. Development (Cambridge), 2004, 131, 1353-1364.	1.2	361
411	The role of α-blockers in the management of prostate cancer. Expert Opinion on Pharmacotherapy, 2004, 5, 1279-1285.	0.9	32
412	Type IV Collagen Is Transcriptionally Regulated by Smad1 under Advanced Glycation End Product (AGE) Stimulation. Journal of Biological Chemistry, 2004, 279, 14201-14206.	1.6	80
413	Jab1/CSN5, a Component of the COP9 Signalosome, Regulates Transforming Growth Factor Î ² Signaling by Binding to Smad7 and Promoting Its Degradation. Molecular and Cellular Biology, 2004, 24, 2251-2262.	1.1	111
414	Transforming Growth Factor-β1 Induces Apoptosis through Fas Ligand-independent Activation of the Fas Death Pathway in Human Gastric SNU-620 Carcinoma Cells. Molecular Biology of the Cell, 2004, 15, 420-434.	0.9	79

#	Article	IF	CITATIONS
415	In vivo convergence of BMP and MAPK signaling pathways: impact of differential Smad1 phosphorylation on development and homeostasis. Genes and Development, 2004, 18, 1482-1494.	2.7	141
416	Transforming Growth Factor-β1 Regulation of Collagenase-3 Expression in Osteoblastic Cells by Cross-talk between the Smad and MAPK Signaling Pathways and Their Components, Smad2 and Runx2. Journal of Biological Chemistry, 2004, 279, 19327-19334.	1.6	117
417	Synaptic Strengthening Mediated by Bone Morphogenetic Protein-Dependent Retrograde Signaling in the Drosophila CNS. Journal of Neuroscience, 2004, 24, 6904-6911.	1.7	49
418	CHIP Mediates Degradation of Smad Proteins and Potentially Regulates Smad-Induced Transcription. Molecular and Cellular Biology, 2004, 24, 856-864.	1.1	106
419	Transforming Growth Factor Î ² -Mediated Transcriptional Repression of c- myc Is Dependent on Direct Binding of Smad3 to a Novel Repressive Smad Binding Element. Molecular and Cellular Biology, 2004, 24, 2546-2559.	1.1	202
420	Activin Receptor-like Kinase-7 Induces Apoptosis through Activation of MAPKs in a Smad3-dependent Mechanism in Hepatoma Cells. Journal of Biological Chemistry, 2004, 279, 28458-28465.	1.6	40
421	Ubiquitination and Proteolysis of Cancer-Derived Smad4 Mutants by SCF Skp2. Molecular and Cellular Biology, 2004, 24, 7524-7537.	1.1	79
422	Elucidation of Epigenetic Inactivation of SMAD8 in Cancer Using Targeted Expressed Gene Display. Cancer Research, 2004, 64, 1639-1646.	0.4	36
423	Transforming Growth Factor \hat{I}^2 Enhances the Glucocorticoid Response of the Mouse Mammary Tumor Virus Promoter through Smad and GA-Binding Proteins. Journal of Virology, 2004, 78, 2201-2211.	1.5	16
424	Prognostic significance of the expression of Smad4 and Smad7 in human gastric carcinomas. Annals of Oncology, 2004, 15, 574-580.	0.6	55
425	Activation of Smad transcriptional activity by protein inhibitor of activated STAT3 (PIAS3). Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 99-104.	3.3	98
426	Expression of Functional Schistosoma mansoni Smad4. Journal of Biological Chemistry, 2004, 279, 6474-6486.	1.6	47
427	Evidence for a Role of MSK1 in Transforming Growth Factor-β-mediated Responses through p38α and Smad Signaling Pathways. Journal of Biological Chemistry, 2004, 279, 30474-30479.	1.6	39
428	km23: A Novel TGFÎ ² Signaling Target Altered in Ovarian Cancer. , 2004, 119, 315-327.		7
429	Casein Kinase Iϵ Plays a Functional Role in the Transforming Growth Factor-β Signaling Pathway. Journal of Biological Chemistry, 2004, 279, 29236-29246.	1.6	41
430	Repression of Endogenous Smad7 by Ski. Journal of Biological Chemistry, 2004, 279, 28143-28148.	1.6	42
431	Smad3 Interacts with JunB and Cbfa1/Runx2 for Transforming Growth Factor-β1-stimulated Collagenase-3 Expression in Human Breast Cancer Cells. Journal of Biological Chemistry, 2004, 279, 27764-27773.	1.6	122
432	Atrophin-1-interacting Protein 4/Human Itch Is a Ubiquitin E3 Ligase for Human Enhancer of Filamentation 1 in Transforming Growth Factor-β Signaling Pathways. Journal of Biological Chemistry, 2004, 279, 29681-29690.	1.6	32

# 433	ARTICLE Podocyte-Derived Vascular Endothelial Growth Factor Mediates the Stimulation of Â3(IV) Collagen Production by Transforming Growth Factor-Â1 in Mouse Podocytes. Diabetes, 2004, 53, 2939-2949.	IF 0.3	Citations
434	Transforming Growth Factor-β1 Inhibition of Vascular Smooth Muscle Cell Activation Is Mediated via Smad3. Journal of Biological Chemistry, 2004, 279, 16388-16393.	1.6	56
435	Hox Transcription Factor Ultrabithorax Ib Physically and Genetically Interacts with Disconnected Interacting Protein 1, a Double-stranded RNA-binding Protein. Journal of Biological Chemistry, 2004, 279, 26433-26444.	1.6	25
436	Induction of Vascular Smooth Muscle α-Actin Gene Transcription in Transforming Growth Factor β1-Activated Myofibroblasts Mediated by Dynamic Interplay between the Pur Repressor Proteins and Sp1/Smad Coactivators. Molecular Biology of the Cell, 2004, 15, 4532-4543.	0.9	52
437	Peroxisome Proliferator-Activated Receptor-Î ³ -Independent Repression of Collagenase Gene Expression by 2-Cyano-3,12-dioxooleana-1,9-dien-28-oic Acid and Prostaglandin 15-Deoxy-Δ(12,14) J2: A Role for Smad Signaling. Molecular Pharmacology, 2004, 65, 309-318.	1.0	34
438	Indian Hedgehog Gene Is a Target of the Bone Morphogenetic Protein Signaling Pathway. Journal of Biological Chemistry, 2004, 279, 18544-18549.	1.6	52
439	Transient Changes in Oxygen Tension Inhibit Osteogenic Differentiation and Runx2 Expression in Osteoblasts. Journal of Biological Chemistry, 2004, 279, 40007-40016.	1.6	209
440	Targeting Endogenous Transforming Growth Factor Î ² Receptor Signaling in SMAD4-Deficient Human Pancreatic Carcinoma Cells Inhibits Their Invasive Phenotype 1. Cancer Research, 2004, 64, 5200-5211.	0.4	133
441	Essential Role for Smad3 in Regulating MCP-1 Expression and Vascular Inflammation. Circulation Research, 2004, 94, 601-608.	2.0	89
442	MyoD enhances BMP7-induced osteogenic differentiation of myogenic cell cultures. Journal of Cell Science, 2004, 117, 1457-1468.	1.2	24
443	Low frequency of BMPR2 mutations in a German cohort of patients with sporadic idiopathic pulmonary arterial hypertension. Journal of Medical Genetics, 2004, 41, e127-e127.	1.5	65
444	Amplified expression of dominant-negative transforming growth factor-beta type II receptor inhibits collagen type I production via reduced Smad-3 activity. Journal of Gastroenterology and Hepatology (Australia), 2004, 19, 380-387.	1.4	9
445	Treatment with anti-TGF-β antibody ameliorates chronic progressive nephritis by inhibiting Smad/TGF-β signaling. Kidney International, 2004, 65, 63-74.	2.6	92
446	Heterozygous mice for TGF-Î ² IIR gene are resistant to the progression of streptozotocin-induced diabetic nephropathy. Kidney International, 2004, 66, 1859-1865.	2.6	27
447	Lysophosphatidic Acid Interacts with Transforming Growth Factor-Î ² Signaling to Mediate Keratinocyte Growth Arrest and Chemotaxis. Journal of Investigative Dermatology, 2004, 123, 840-849.	0.3	30
448	Akt interacts directly with Smad3 to regulate the sensitivity to TGF-β-induced apoptosis. Nature Cell Biology, 2004, 6, 366-372.	4.6	370
449	Essential role of Smad3 in the inhibition of inflammation-induced PPARβ/δ expression. EMBO Journal, 2004, 23, 4211-4221.	3.5	75
450	Tumor-derived C-terminal mutations of Smad4 with decreased DNA binding activity and enhanced intramolecular interaction. Oncogene, 2004, 23, 1021-1029.	2.6	24

#	Article	IF	CITATIONS
451	Loss of the Smad3 expression increases susceptibility to tumorigenicity in human gastric cancer. Oncogene, 2004, 23, 1333-1341.	2.6	122
452	Regulation of TGFβ1-mediated growth inhibition and apoptosis by RUNX2 isoforms in endothelial cells. Oncogene, 2004, 23, 4722-4734.	2.6	47
453	Suv39h histone methyltransferases interact with Smads and cooperate in BMP-induced repression. Oncogene, 2004, 23, 5242-5251.	2.6	28
454	A role for human MUC4 mucin gene, the ErbB2 ligand, as a target of TGF-Î ² in pancreatic carcinogenesis. Oncogene, 2004, 23, 5729-5738.	2.6	61
455	Transient adenoviral gene transfer of Smad7 prevents injury-induced epithelial–mesenchymal transition of lens epithelium in mice. Laboratory Investigation, 2004, 84, 1259-1270.	1.7	75
456	TGF-beta Induces Foxp3 + T-Regulatory Cells from CD4 + CD25 - Precursors. American Journal of Transplantation, 2004, 4, 1614-1627.	2.6	495
457	Relationship between posterior capsule opacification and intraocular lens biocompatibility. Progress in Retinal and Eye Research, 2004, 23, 283-305.	7.3	111
458	Peptide YY attenuates transcription factor activity in tumor necrosis factor-alpha-induced pancreatitis1 1No competing interests declared Journal of the American College of Surgeons, 2004, 199, 87-95.	0.2	15
459	TGF-β activated Smad signalling leads to a Smad3-mediated down-regulation of DSPP in an odontoblast cell line. Archives of Oral Biology, 2004, 49, 911-918.	0.8	60
460	What is transforming growth factor-beta (TGF-β)?. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2004, 57, 215-221.	1.1	107
461	TGF-β and TNF-α: antagonistic cytokines controlling type I collagen gene expression. Cellular Signalling, 2004, 16, 873-880.	1.7	164
462	Wound-Healing Studies in Transgenic and Knockout Mice. Molecular Biotechnology, 2004, 28, 147-166.	1.3	147
463	Directing Stem Cell Differentiation into the Chondrogenic Lineage In Vitro. Stem Cells, 2004, 22, 1152-1167.	1.4	225
464	Short-Term BMP-2 Expression Is Sufficient for In Vivo Osteochondral Differentiation of Mesenchymal Stem Cells. Stem Cells, 2004, 22, 74-85.	1.4	212
465	Induction and specification of midbrain dopaminergic cells: focus on SHH, FGF8, and TGF-?. Cell and Tissue Research, 2004, 318, 23-33.	1.5	69
466	Disruption of transforming growth factor ? signaling and profibrotic responses in normal skin fibroblasts by peroxisome proliferator-activated receptor ?. Arthritis and Rheumatism, 2004, 50, 1305-1318.	6.7	190
467	Inhibition of hepatic transcriptional induction of lipopolysaccharide-binding protein by transforming-growth-factorβ1. European Journal of Immunology, 2004, 34, 1441-1450.	1.6	11
468	Directing pluripotent cell differentiation using ?diced RNA? in transient transfection. Genesis, 2004, 40, 157-163.	0.8	13

#	Article	IF	CITATIONS
469	Increased expression of c-Ski as a co-repressor in transforming growth factor-? signaling correlates with progression of esophageal squamous cell carcinoma. International Journal of Cancer, 2004, 108, 818-824.	2.3	91
470	Transforming growth factor-?1-dependent activation of Smad2/3 and up-regulation of PAI-1 expression is negatively regulated by Src in SKOV-3 human ovarian cancer cells. Journal of Cellular Biochemistry, 2004, 93, 437-453.	1.2	15
471	Nkx2.1 transcription factor in lung cells and a transforming growth factor-?1 heterozygous mouse model of lung carcinogenesis. Molecular Carcinogenesis, 2004, 40, 212-231.	1.3	21
472	The Phosphatidylinositol 3-Kinase/Akt Pathway Enhances Smad3-stimulated Mesangial Cell Collagen I Expression in Response to Transforming Growth Factor-β1. Journal of Biological Chemistry, 2004, 279, 2632-2639.	1.6	197
473	Molecular biology of primary pulmonary hypertension. Cardiology Clinics, 2004, 22, 417-429.	0.9	12
474	Hormonally Regulated Transcription Factors. , 2004, , 387-443.		Ο
475	Suppression of matrix metalloproteinase-9 transcription by transforming growth factor-β is mediated by a nuclear factor-κB site. Biochemical Journal, 2004, 381, 413-422.	1.7	121
476	Activin A stimulates vascular endothelial growth factor gene transcription in human hepatocellular carcinoma cellsâ~†. Gastroenterology, 2004, 126, 1828-1843.	0.6	41
477	KLF11 mediates a critical mechanism in TGF-Î ² signaling that is inactivated by Erk-MAPK in pancreatic cancer cells. Gastroenterology, 2004, 127, 607-620.	0.6	77
478	Different Effects of BMP-2 on Marrow Stromal Cells from Human and Rat Bone. Cells Tissues Organs, 2004, 176, 109-119.	1.3	144
479	Runx Protein Signaling in Human Cancers. , 2004, 119, 189-215.		19
480	Combinatorial activities of Smad2 and Smad3 regulate mesoderm formation and patterning in the mouse embryo. Development (Cambridge), 2004, 131, 1717-1728.	1.2	162
481	Induction by transforming growth factor-β1 of epithelial to mesenchymal transition is a rare event in vitro. Breast Cancer Research, 2004, 6, R215-31.	2.2	173
482	Myostatin signaling through Smad2, Smad3 and Smad4 is regulated by the inhibitory Smad7 by a negative feedback mechanism. Cytokine, 2004, 26, 262-272.	1.4	191
483	The transforming growth factor-β superfamily of receptors. Cytokine and Growth Factor Reviews, 2004, 15, 1-11.	3.2	418
484	Transforming growth factor-β-related proteins: an ancestral and widespread superfamily of cytokines in metazoans. Developmental and Comparative Immunology, 2004, 28, 461-485.	1.0	189
485	Ski and SnoN: negative regulators of TGF-Î ² signaling. Current Opinion in Genetics and Development, 2004, 14, 65-70.	1.5	206
486	Involvement of NF-κB in TGF-β-mediated suppression of IL-4 signaling. Biochemical and Biophysical Research Communications, 2004, 313, 627-634.	1.0	15

#	Article	IF	CITATIONS
487	Regulation of large-scale chromatin unfolding by Smad4. Biochemical and Biophysical Research Communications, 2004, 315, 330-335.	1.0	10
488	Reduction of Smad3 accelerates re-epithelialization in a murine model of colitis. Biochemical and Biophysical Research Communications, 2004, 317, 377-383.	1.0	16
489	Regulation of Notch signaling genes during BMP2-induced differentiation of osteoblast precursor cells. Biochemical and Biophysical Research Communications, 2004, 320, 100-107.	1.0	70
490	Characterization of adrenomedullin in non-human primates. Biochemical and Biophysical Research Communications, 2004, 321, 859-869.	1.0	9
491	Glucocorticoids decrease the bioavailability of TGF-β which leads to a reduced TGF-β signaling in hepatic stellate cells. Biochemical and Biophysical Research Communications, 2004, 325, 1264-1270.	1.0	53
492	Maintenance of mouse trophoblast stem cell proliferation by TGF-β/activin. Developmental Biology, 2004, 275, 158-169.	0.9	163
493	XSIP1 is essential for early neural gene expression and neural differentiation by suppression of BMP signaling. Developmental Biology, 2004, 275, 258-267.	0.9	48
494	Differential effects of the Ski-interacting protein (SKIP) on differentiation induced by transforming growth factor-β1 and bone morphogenetic protein-2 in C2C12 cells. Experimental Cell Research, 2004, 296, 163-172.	1.2	19
495	Smad3 Signaling Is Required for Epithelial-Mesenchymal Transition of Lens Epithelium after Injury. American Journal of Pathology, 2004, 164, 651-663.	1.9	265
496	Solar Ultraviolet Irradiation Reduces Collagen in Photoaged Human Skin by Blocking Transforming Growth Factor-β Type II Receptor/Smad Signaling. American Journal of Pathology, 2004, 165, 741-751.	1.9	315
497	Smad3 Deficiency Ameliorates Experimental Obliterative Bronchiolitis in a Heterotopic Tracheal Transplantation Model. American Journal of Pathology, 2004, 165, 1223-1232.	1.9	40
498	Structural Basis of Heteromeric Smad Protein Assembly in TGF-β Signaling. Molecular Cell, 2004, 15, 813-823.	4.5	169
499	TGF-β promotes survival on mesencephalic dopaminergic neurons in cooperation with Shh and FGF-8. Neurobiology of Disease, 2004, 16, 300-310.	2.1	58
500	Apoptosis incidence and protein expression of p53, TGF-Î ² receptor II, p27Kip1, and Smad4 in benign, premalignant, and malignant human prostate1 1Accepted for publication 0, 2003 Human Pathology, 2004, 35, 290-297.	1.1	57
501	FLRG, member of the follistatin family, a new player in hematopoiesis. Molecular and Cellular Endocrinology, 2004, 225, 109-118.	1.6	36
502	Corticosteroids stimulate selectively transforming growth factor (TGF)-β receptor type III expression in transdifferentiating hepatic stellate cells. Journal of Hepatology, 2004, 40, 69-76.	1.8	32
503	TGF-β Signaling Alterations in Cancer. , 2003, 115, 73-94.		8
504	Contribution of the Constitutive and Inducible Degradation of Smad3 by the Ubiquitin-Proteasome Pathway to Transforming Growth Factor-β Signaling. Journal of Interferon and Cytokine Research, 2004, 24, 43-54.	0.5	13

#	Article	IF	CITATIONS
505	Integration of Smad and Forkhead Pathways in the Control of Neuroepithelial and Glioblastoma Cell Proliferation. Cell, 2004, 117, 211-223.	13.5	903
506	Smad3 has a critical role in TGF-β-mediated growth inhibition and apoptosis in colonic epithelial cells. Journal of Surgical Research, 2004, 117, 296-305.	0.8	36
507	TGF-β-induced SMAD signaling and gene regulation: consequences for extracellular matrix remodeling and wound healing. Journal of Dermatological Science, 2004, 35, 83-92.	1.0	392
508	Proteomic Profiling of Bone Marrow Mesenchymal Stem Cells upon Transforming Growth Factor β1 Stimulation. Journal of Biological Chemistry, 2004, 279, 43725-43734.	1.6	215
509	Autocrine/paracrine regulation of pituitary function by activin, inhibin and follistatin. Molecular and Cellular Endocrinology, 2004, 225, 29-36.	1.6	144
510	Novel Inhibitors of Matrix Metalloproteinase Gene Expression as Potential Therapies for Arthritis. Clinical Orthopaedics and Related Research, 2004, 427, S129-S137.	0.7	31
511	A Novel E1A-like Inhibitor of Differentiation (EID) Family Member, EID-2, Suppresses Transforming Growth Factor (TGF)-β Signaling by Blocking TGF-β-induced Formation of Smad3-Smad4 Complexes. Journal of Biological Chemistry, 2004, 279, 2666-2672.	1.6	27
512	Molecular and functional consequences of Smad4 C-terminal missense mutations in colorectal tumour cells. Biochemical Journal, 2004, 379, 209-216.	1.7	64
513	Sp1 and Smad transcription factors co-operate to mediate TGF-β-dependent activation of amyloid-β precursor protein gene transcription. Biochemical Journal, 2004, 383, 393-399.	1.7	73
514	Transcriptional activation of the murine Muc5ac mucin gene in epithelial cancer cells by TGF-beta/Smad4 signalling pathway is potentiated by Sp1. Biochemical Journal, 2004, 377, 797-808.	1.7	39
515	Repression of Smad4 transcriptional activity by SUMO modification. Biochemical Journal, 2004, 379, 23-29.	1.7	95
516	Glycated albumin activates PAI-1 transcription through Smad DNA binding sites in mesangial cells. American Journal of Physiology - Renal Physiology, 2004, 287, F665-F672.	1.3	15
517	5-Fluorouracil Selectively Inhibits Collagen Synthesis. Plastic and Reconstructive Surgery, 2005, 116, 209-221.	0.7	54
518	TGF-β1/Smad3 Signaling in Renal Tubulointerstitial Fibrosis. Proceedings of the Japanese Society of Animal Models for Human Diseases, 2005, 21, 12-16.	0.1	0
520	Angiotensin II stimulates α3(IV) collagen production in mouse podocytes via TGF-β and VEGF signalling: implications for diabetic glomerulopathy. Nephrology Dialysis Transplantation, 2005, 20, 1320-1328.	0.4	98
522	Linking Smads and transcriptional activation. Biochemical Journal, 2005, 386, e1-e3.	1.7	25
523	The Smad3 linker region contains a transcriptional activation domain. Biochemical Journal, 2005, 386, 29-34.	1.7	47
524	Obstructive nephropathy: Insights from genetically engineered animals. Kidney International, 2005, 68, 925-937.	2.6	200

#	Article	IF	CITATIONS
525	Mouse epiblasts change responsiveness to BMP4 signal required for PGC formation through functions of extraembryonic ectoderm. Molecular Reproduction and Development, 2005, 70, 20-29.	1.0	42
526	Genetic Alterations in Esophageal Cancer. Surgery Today, 2005, 35, 7-18.	0.7	111
527	Hypoxia and the hypoxia-inducible-factor pathway in glioma growth and angiogenesis. Neuro-Oncology, 2005, 7, 134-153.	0.6	550
528	Oxidized LDL activates PAI-1 transcription through autocrine activation of TGF-β signaling in mesangial cells. Kidney International, 2005, 67, 1743-1752.	2.6	37
529	A novel biological assay to detect the active form of TGF-β in urine to monitor renal allograft rejection. Kidney International, 2005, 68, 1875-1883.	2.6	14
530	Transforming growth factor-beta and Smad signalling in kidney diseases. Review Article. Nephrology, 2005, 10, 48-56.	0.7	314
531	Smicl is a novel Smad interacting protein and cleavage and polyadenylation specificity factor associated protein. Genes To Cells, 2005, 10, 897-906.	0.5	15
532	Restoration of TGF-β signalling reduces tumorigenicity in human lung cancer cells. British Journal of Cancer, 2005, 93, 1157-1167.	2.9	61
533	Bcr–Abl activates the AKT/FoxO3 signalling pathway to restrict transforming growth factorâ€Î²â€mediated cytostatic signals. EMBO Reports, 2005, 6, 985-991.	2.0	28
534	Selective inhibition of TGF-Î ² responsive genes by Smad-interacting peptide aptamers from FoxH1, Lef1 and CBP. Oncogene, 2005, 24, 3864-3874.	2.6	55
535	Role of type I receptors for anti-Müllerian hormone in the SMAT-1 Sertoli cell line. Oncogene, 2005, 24, 4984-4992.	2.6	43
536	The disparate role of BMP in stem cell biology. Oncogene, 2005, 24, 5713-5721.	2.6	179
537	Structural and functional evidence for a singular repertoire of BMP receptor signal transducing proteins in the lophotrochozoan Crassostrea gigas suggests a shared ancestral BMP/activin pathway. FEBS Journal, 2005, 272, 3424-3440.	2.2	32
538	Smad3 and Extracellular Signal-Regulated Kinase 1/2 Coordinately Mediate Transforming Growth Factor-Î ² -Induced Expression of Connective Tissue Growth Factor in Human Fibroblasts. Journal of Investigative Dermatology, 2005, 124, 1162-1169.	0.3	111
539	Ontogeny of expression of transforming growth factor-Î ² and its receptors and their possible relationship with scarless healing in human fetal skin. Wound Repair and Regeneration, 2005, 13, 68-75.	1.5	69
540	Truncating mutations in the ACVR2 gene attenuates activin signaling in prostate cancer cells. Cancer Genetics and Cytogenetics, 2005, 163, 123-129.	1.0	27
541	Parathyroid hormone stimulation and PKA signaling of latent transforming growth factor-β binding protein-1 (LTBP-1) mRNA expression in osteoblastic cells. Journal of Cellular Biochemistry, 2005, 95, 1002-1011.	1.2	14
542	Mechanisms of germ-cell specification in mouse embryos. BioEssays, 2005, 27, 136-143.	1.2	41

	Сітатіс	on Report	
#	ARTICLE	IF	CITATIONS
543	Fibroblast expression of the coactivator p300 governs the intensity of profibrotic response to transforming growth factor ?. Arthritis and Rheumatism, 2005, 52, 1248-1258.	6.7	83
544	BMP Signaling in Osteogenesis, Bone Remodeling and Repair. European Journal of Trauma and Emergency Surgery, 2005, 31, 464-479.	0.3	16
546	TGF-? signaling in esophageal squamous cell carcinoma. Esophagus, 2005, 2, 15-19.	1.0	3
547	Wild-type smad3 gene enhances the osteoblastic differentiation of rat bone marrow-derived mesenchymal stem cellsin vitro. Journal of Huazhong University of Science and Technology [Medical Sciences], 2005, 25, 674-678.	1.0	5
548	Mechanisms and factors in embryonic stem cell self-renewal. Rendiconti Lincei, 2005, 16, 83-97.	1.0	13
549	Stem cell aging in the Drosophila ovary. Age, 2005, 27, 201-212.	3.0	20
550	Molecular Aspects of Regulation of Collagen Gene Expression in Fibrosis. Journal of Clinical Immunology, 2005, 25, 592-603.	2.0	72
551	Tsc-22 enhances TGF-? signaling by associating with Smad4 and induces erythroid cell differentiation. Molecular and Cellular Biochemistry, 2005, 271, 23-28.	1.4	48
552	Restoration of Smad4 in BxPC3 Pancreatic Cancer Cells Attenuates Proliferation without Altering Angiogenesis. Clinical and Experimental Metastasis, 2005, 22, 461-473.	1.7	34
553	Nuclear localization is required for Dishevelled function in Wnt/beta-catenin signaling. Journal of Biology, 2005, 4, 3.	2.7	194
555	Reactive oxygen species production via NADPH oxidase mediates TGF-β-induced cytoskeletal alterations in endothelial cells. American Journal of Physiology - Renal Physiology, 2005, 289, F816-F825.	1.3	153
556	Non-Steroidal Signal Molecules in Spermatogenesis. , 2005, , 47-76.		1
557	Mouse models of transforming growth factor \hat{I}^2 impact in breast development and cancer. Endocrine-Related Cancer, 2005, 12, 749-760.	1.6	45
558	Both Sp1 and Smad participate in mediating TGF-β1-induced HGF receptor expression in renal epithelial cells. American Journal of Physiology - Renal Physiology, 2005, 288, F16-F26.	1.3	52
559	Positive and Negative Regulation of the Transforming Growth Factor β/Activin Target Gene goosecoid by the TFII-I Family of Transcription Factors. Molecular and Cellular Biology, 2005, 25, 7144-7157.	1.1	39
560	Smad2 and Smad3 Play Different Roles in Rat Hepatic Stellate Cell Function and α-Smooth Muscle Actin Organization. Molecular Biology of the Cell, 2005, 16, 4214-4224.	0.9	145
561	Targeted Disruption of Tgif , the Mouse Ortholog of a Human Holoprosencephaly Gene, Does Not Result in Holoprosencephaly in Mice. Molecular and Cellular Biology, 2005, 25, 3639-3647.	1.1	68
562	The Endogenous Ratio of Smad2 and Smad3 Influences the Cytostatic Function of Smad3. Molecular Biology of the Cell, 2005, 16, 4672-4683.	0.9	68

#	Article	IF	CITATIONS
563	Requirement for the SnoN Oncoprotein in Transforming Growth Factor Î ² -Induced Oncogenic Transformation of Fibroblast Cells. Molecular and Cellular Biology, 2005, 25, 10731-10744.	1.1	42
564	SMAD4 Levels and Response to 5-Fluorouracil in Colorectal Cancer. Clinical Cancer Research, 2005, 11, 6311-6316.	3.2	89
565	A Direct Intersection between p53 and Transforming Growth Factor Î ² Pathways Targets Chromatin Modification and Transcription Repression of the α-Fetoprotein Gene. Molecular and Cellular Biology, 2005, 25, 1200-1212.	1.1	74
566	Mice exclusively expressing the short isoform of Smad2 develop normally and are viable and fertile. Genes and Development, 2005, 19, 152-163.	2.7	104
567	C-terminal mutants of C. elegans Smads reveal tissue-specific requirements for protein activation by TGF-β signaling. Development (Cambridge), 2005, 132, 3505-3513.	1.2	15
568	The novel Smad-interacting protein Smicl regulates Chordinexpression in the Xenopus embryo. Development (Cambridge), 2005, 132, 4575-4586.	1.2	14
569	SMAD pathway mediation of BDNF and TGFβ2 regulation of proliferation and differentiation of hippocampal granule neurons. Development (Cambridge), 2005, 132, 3231-3242.	1.2	89
570	Recent advances in understanding transforming growth factor β regulation of orofacial development. Human and Experimental Toxicology, 2005, 24, 1-12.	1.1	19
571	Tgf-β and the Smad Pathway in Liver Fibrogenesis. , 2005, , 139-150.		3
572	Pubertal and Adult Leydig Cell Function in Mullerian Inhibiting Substance-Deficient Mice. Endocrinology, 2005, 146, 589-595.	1.4	38
573	Synergy between Activin A and Gonadotropin-Releasing Hormone in Transcriptional Activation of the Rat Follicle-Stimulating Hormone-l ² Gene. Molecular Endocrinology, 2005, 19, 237-254.	3.7	66
574	Transforming Growth Factor-β Promotes Inactivation of Extracellular Thyroid Hormones via Transcriptional Stimulation of Type 3 lodothyronine Deiodinase. Molecular Endocrinology, 2005, 19, 3126-3136.	3.7	64
575	Transforming Growth Factorâ€Î² (TGFâ€Î²) and Programmed Cell Death in the Vertebrate Retina. International Review of Cytology, 2005, 245, 17-43.	6.2	19
576	Smad3 Mediates Activin-Induced Transcription of Follicle-Stimulating Hormone β-Subunit Gene. Molecular Endocrinology, 2005, 19, 1849-1858.	3.7	73
577	REPAIR OF ARTICULAR CARTILAGE INJURY. Biomedical Engineering - Applications, Basis and Communications, 2005, 17, 243-251.	0.3	3
578	Disabled-2 (Dab2) Mediates Transforming Growth Factor β(TGFβ)-stimulated Fibronectin Synthesis through TGFβ-activatedKinase 1 and Activation of the JNKPathway. Journal of Biological Chemistry, 2005, 280, 25920-25927.	1.6	97
579	SnoN Is a Cell Type-specific Mediator of Transforming Growth Factor-Î ² Responses. Journal of Biological Chemistry, 2005, 280, 13037-13046.	1.6	66
580	Regulation of Transforming Growth Factor-β Signaling and PDK1 Kinase Activity by Physical Interaction between PDK1 and Serine-Threonine Kinase Receptor-associated Protein. Journal of Biological Chemistry, 2005, 280, 42897-42908.	1.6	58

#	Article	IF	CITATIONS
581	Smad6s Regulates Plasminogen Activator Inhibitor-1 through a Protein Kinase C-β-dependent Up-regulation of Transforming Growth Factor-β. Journal of Biological Chemistry, 2005, 280, 14943-14947.	1.6	19
582	Ultraviolet Irradiation Induces Smad7 via Induction of Transcription Factor AP-1 in Human Skin Fibroblasts. Journal of Biological Chemistry, 2005, 280, 8079-8085.	1.6	82
583	X-linked Inhibitor of Apoptosis (XIAP) Inhibits c-Jun N-terminal Kinase 1 (JNK1) Activation by Transforming Growth Factor β1 (TGF-β1) through Ubiquitin-mediated Proteosomal Degradation of the TGF-β1-activated Kinase 1 (TAK1). Journal of Biological Chemistry, 2005, 280, 38599-38608.	1.6	83
584	Identification of Receptors and Signaling Pathways for Orphan Bone Morphogenetic Protein/Growth Differentiation Factor Ligands Based on Genomic Analyses. Journal of Biological Chemistry, 2005, 280, 32122-32132.	1.6	94
586	CHIP Controls the Sensitivity of Transforming Growth Factor-Î ² Signaling by Modulating the Basal Level of Smad3 through Ubiquitin-mediated Degradation. Journal of Biological Chemistry, 2005, 280, 20842-20850.	1.6	89
587	Growth Factors in Lung Development. Advances in Clinical Chemistry, 2005, 40, 261-316.	1.8	59
588	Smad transcription factors. Genes and Development, 2005, 19, 2783-2810.	2.7	2,063
589	Bone Morphogenetic Proteins in Vascular Calcification. Circulation Research, 2005, 97, 105-114.	2.0	332
590	Hereditary haemorrhagic telangiectasia: current views on genetics and mechanisms of disease. Journal of Medical Genetics, 2005, 43, 97-110.	1.5	320
591	Dexamethasone suppresses Smad3 pathway in osteoblastic cells. Journal of Endocrinology, 2005, 185, 131-138.	1.2	31
592	Keratocan Expression of Murine Keratocytes Is Maintained on Amniotic Membrane by Down-regulating Transforming Growth Factor-β Signaling. Journal of Biological Chemistry, 2005, 280, 27085-27092.	1.6	48
593	The Integral Inner Nuclear Membrane Protein MAN1 Physically Interacts with the R-Smad Proteins to Repress Signaling by the Transforming Growth Factor-Î ² Superfamily of Cytokines. Journal of Biological Chemistry, 2005, 280, 15992-16001.	1.6	154
594	BMP-4 inhibits follicle-stimulating hormone secretion in ewe pituitary. Journal of Endocrinology, 2005, 186, 109-121.	1.2	90
595	Bifurcated converging pathways for high Ca2+- and TGFÂ-induced inhibition of growth of normal human keratinocytes. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13921-13926.	3.3	41
596	Smad3 Induces Chondrogenesis through the Activation of SOX9 via CREB-binding Protein/p300 Recruitment. Journal of Biological Chemistry, 2005, 280, 8343-8350.	1.6	274
597	Kruppel-like Factor 4 Is a Mediator of Proinflammatory Signaling in Macrophages. Journal of Biological Chemistry, 2005, 280, 38247-38258.	1.6	259
598	MAN1, an integral protein of the inner nuclear membrane, binds Smad2 and Smad3 and antagonizes transforming growth factor-β signaling. Human Molecular Genetics, 2005, 14, 437-445.	1.4	190
599	Characterization of a novel transcriptionally active domain in the transforming growth factor Â-regulated Smad3 protein. Nucleic Acids Research, 2005, 33, 3708-3721.	6.5	32

#	Article	IF	CITATIONS
600	Alteration of Transforming Growth Factor-Î ² Signaling System Expression in Adult Rat Germ Cells with a Chronic Apoptotic Cell Death Process after Fetal Androgen Disruption. Endocrinology, 2005, 146, 5135-5143.	1.4	18
601	SMAD4 as a Prognostic Marker in Colorectal Cancer. Clinical Cancer Research, 2005, 11, 2606-2611.	3.2	172
602	Smad7 induces tumorigenicity by blocking TGF-β-induced growth inhibition and apoptosis. Experimental Cell Research, 2005, 307, 231-246.	1.2	117
603	Modulation of TGF-Î ² signaling by EGF-CFC proteins. Experimental Cell Research, 2005, 310, 249-255.	1.2	4
604	KC chemokine expression by TGF-β in C3H10T1/2 cells induced towards osteoblasts. Biochemical and Biophysical Research Communications, 2005, 326, 364-370.	1.0	16
605	Molecular mechanisms of endochondral bone development. Biochemical and Biophysical Research Communications, 2005, 328, 658-665.	1.0	330
606	Smad3 mediates TGF-β1 induction of VEGF production in lung fibroblasts. Biochemical and Biophysical Research Communications, 2005, 327, 393-398.	1.0	75
607	Transcriptional regulation of the homeobox gene Mixl1 by TGF-Î ² and FoxH1. Biochemical and Biophysical Research Communications, 2005, 333, 1361-1369.	1.0	20
608	Selective induction of interleukin-8 expression in metastatic melanoma cells by transforming growth factor-l²1. Cytokine, 2005, 31, 241-249.	1.4	29
609	Clinical and Mutational Spectrum of Mowat–Wilson Syndrome. European Journal of Medical Genetics, 2005, 48, 97-111.	0.7	121
610	Roles for lysine residues of the MH2 domain of Smad3 in transforming growth factor-Î ² signaling. FEBS Letters, 2005, 579, 2853-2862.	1.3	7
611	Expression of Smad7 in Mouse Eyes Accelerates Healing of Corneal Tissue after Exposure to Alkali. American Journal of Pathology, 2005, 166, 1405-1418.	1.9	120
612	Temporal analysis of the early BMP functions identifies distinct anti-organizer and mesoderm patterning phases. Developmental Biology, 2005, 282, 442-454.	0.9	31
613	Expression of bone morphogenetic protein2 (BMP2), BMP4 and BMP receptors in the bovine ovary but absence of effects of BMP2 and BMP4 during IVM on bovine oocyte nuclear maturation and subsequent embryo development. Theriogenology, 2005, 63, 872-889.	0.9	69
614	Structural and functional evidences for a type 1 TGF-Î ² sensu stricto receptor in the lophotrochozoan Crassostrea gigas suggest conserved molecular mechanisms controlling mesodermal patterning across bilateria. Mechanisms of Development, 2005, 122, 695-705.	1.7	28
615	A Specific Inhibitor of TGF-β Receptor Kinase, SB-431542, as a Potent Antitumor Agent for Human Cancers. Neoplasia, 2005, 7, 509-521.	2.3	239
616	Genetic- or Transforming Growth Factor-β1-induced Changes in Epidermal Peroxisome Proliferator-activated Receptor β/δExpression Dictate Wound Repair Kinetics. Journal of Biological Chemistry, 2005, 280, 18163-18170.	1.6	36
617	Apoptotic regulators in prostatic intraepithelial neoplasia (PIN): value in prostate cancer detection and prevention. Prostate Cancer and Prostatic Diseases, 2005, 8, 7-13.	2.0	14

#	Article	IF	CITATIONS
618	Transforming Growth Factor-Î ² Signal Transduction in the Pathogenesis of Diabetic Nephropathy. , 2006, , 201-221.		1
619	Loss of Tumor Necrosis Factor α Potentiates Transforming Growth Factor β-mediated Pathogenic Tissue Response during Wound Healing. American Journal of Pathology, 2006, 168, 1848-1860.	1.9	78
620	Smads oppose Hox transcriptional activities. Experimental Cell Research, 2006, 312, 854-864.	1.2	44
621	Immunohistochemical evaluation of phosphorylated SMAD2/SMAD3 and the co-activator P300 in human glomerulonephritis: correlation with renal injury. Journal of Cellular and Molecular Medicine, 2006, 10, 838-851.	1.6	1
622	TGF-Î ² superfamily members and ovarian follicle development. Reproduction, 2006, 132, 191-206.	1.1	1,000
623	Regulation of Smad Function by Phosphorylation. , 2006, , 235-252.		2
624	TRANSFORMING GROWTH FACTOR-Î ² REGULATION OF IMMUNE RESPONSES. Annual Review of Immunology, 2006, 24, 99-146.	9.5	1,959
625	Vascular Calcification. Circulation Research, 2006, 99, 1044-1059.	2.0	847
626	JNK mediates TGF- \hat{l}^2 1-induced epithelial mesenchymal transdifferentiation of mouse transformed keratinocytes. FEBS Letters, 2006, 580, 5385-5391.	1.3	91
627	Smad3 mediates TGF-β1-induced collagen gel contraction by human lung fibroblasts. Biochemical and Biophysical Research Communications, 2006, 339, 290-295.	1.0	58
628	Mechanism of fibroblast growth factor-binding protein 1 repression by TGF-β. Biochemical and Biophysical Research Communications, 2006, 345, 595-601.	1.0	24
629	Two distinct domains in pro-region of Nodal-related 3 are essential for BMP inhibition. Biochemical and Biophysical Research Communications, 2006, 346, 470-478.	1.0	9
630	Prion protein modifies TGF-β induced signal transduction. Biochemical and Biophysical Research Communications, 2006, 349, 525-532.	1.0	6
631	Downregulation of cAMP-dependent protein kinase inhibitor Î ³ is required for BMP-2-induced osteoblastic differentiation. International Journal of Biochemistry and Cell Biology, 2006, 38, 2064-2073.	1.2	23
632	Inhibition of transforming growth factor-β/Smad signaling by phosphatidylinositol 3-kinase pathway. Cancer Letters, 2006, 242, 207-214.	3.2	8
633	Transforming growth factor-β pathway: Role in pancreas development and pancreatic disease. Cytokine and Growth Factor Reviews, 2006, 17, 107-119.	3.2	80
634	Mechanisms of self-renewal in human embryonic stem cells. European Journal of Cancer, 2006, 42, 1257-1272.	1.3	51
635	Dose-dependent Smad1, Smad5 and Smad8 signaling in the early mouse embryo. Developmental Biology, 2006, 296, 104-118.	0.9	139

#	Article	IF	CITATIONS
636	Bone morphogenetic protein (BMP) family, SMAD signaling and Id helix–loop–helix proteins in the vasculature: The continuous mystery of BMPs pleotropic effects. Journal of Molecular and Cellular Cardiology, 2006, 41, 4-7.	0.9	19
637	The aetiology and pathogenesis of chronic allograft nephropathy. Transplant Immunology, 2006, 16, 148-157.	0.6	76
638	Microarray Analysis of Mercury-Induced Changes in Gene Expression in Human Liver Carcinoma (HepG2) Cells: Importance in Immune Responses. International Journal of Environmental Research and Public Health, 2006, 3, 141-173.	1.2	35
639	Matrix Metalloproteinases: Role In Arthritis. Frontiers in Bioscience - Landmark, 2006, 11, 529.	3.0	1,086
640	p38 Inhibitors Prevent TGF-β–Induced Myofibroblast Transdifferentiation in Human Tenon Fibroblasts. , 2006, 47, 1500.		122
641	Gonadotropin-Releasing Hormone Regulation of Gonadotropin Biosynthesis and Secretion. , 2006, , 1635-1701.		16
642	Role of transforming growth factor-Î ² in hematologic malignancies. Blood, 2006, 107, 4589-4596.	0.6	228
643	Potentiation of Smad-mediated transcriptional activation by the RNA-binding protein RBPMS. Nucleic Acids Research, 2006, 34, 6314-6326.	6.5	60
644	Modulation of Collagen Synthesis in Keloid Fibroblasts by Silencing Smad2 with siRNA. Plastic and Reconstructive Surgery, 2006, 118, 1328-1337.	0.7	49
645	The Tgif2 gene contains a retained intron within the coding sequence. , 2006, 7, 2.		30
646	Characterization of TGF-Î ² -regulated interleukin-8 expression in human prostate cancer cells. Prostate, 2006, 66, 996-1004.	1.2	32
647	The roles for cytokines in the generation and maintenance of regulatory T cells. Immunological Reviews, 2006, 212, 114-130.	2.8	127
648	Effects of tacrolimus, cyclosporin A and sirolimus on MG63 cells. Transplant International, 2006, 19, 563-569.	0.8	14
649	Transforming Growth Factorâ€Î²:A Promising Target for Antiâ€Stenosis Therapy. Cardiovascular Drug Reviews, 2001, 19, 329-344.	4.4	21
650	Function and effect of bone morphogenetic protein-7 in kidney bone and the bone-vascular links in chronic kidney disease. European Journal of Clinical Investigation, 2006, 36, 43-50.	1.7	54
651	TGFβ1 induces epithelial-mesenchymal transition, but not myofibroblast transdifferentiation of human kidney tubular epithelial cells in primary culture. International Journal of Experimental Pathology, 2006, 87, 197-208.	0.6	65
652	Transcriptional activation of p21 by Tranilast is mediated via transforming growth factor beta signal pathway. British Journal of Pharmacology, 2006, 147, 117-124.	2.7	8
653	Structural basis for the inhibition of activin signalling by follistatin. EMBO Journal, 2006, 25, 1035-1045.	3.5	141

#	Article	IF	CITATIONS
654	Axin is a scaffold protein in TGF-β signaling that promotes degradation of Smad7 by Arkadia. EMBO Journal, 2006, 25, 1646-1658.	3.5	161
655	Isoform-Specific Regulation of the Actin-Organizing Protein Palladin during TGF-β1-Induced Myofibroblast Differentiation. Journal of Investigative Dermatology, 2006, 126, 2387-2396.	0.3	83
656	Activation of Smad signaling enhances collagenase-3 (MMP-13) expression and invasion of head and neck squamous carcinoma cells. Oncogene, 2006, 25, 2588-2600.	2.6	89
657	LMO4 can interact with Smad proteins and modulate transforming growth factor-β signaling in epithelial cells. Oncogene, 2006, 25, 2920-2930.	2.6	51
658	An overview of apoptosis and the prevention of colorectal cancer. Critical Reviews in Oncology/Hematology, 2006, 57, 107-121.	2.0	97
659	The inherited genetics of pancreatic cancer and prospects for secondary screening. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2006, 20, 253-283.	1.0	43
660	BMP Signaling and Skeletogenesis. Annals of the New York Academy of Sciences, 2006, 1068, 26-40.	1.8	116
661	Mesenchymal stem cells: Sources, phenotype, and differentiation potential. Biology Bulletin, 2006, 33, 2-18.	0.1	15
662	Bombesin/Gastrin-Releasing Peptide Receptor Antagonists Increase the Ability of Histone Deacetylase Inhibitors to Reduce Lung Cancer Proliferation. Journal of Molecular Neuroscience, 2006, 28, 231-238.	1.1	20
663	Changes in expression of genes related to cell proliferation in human mesenchymal stem cells during in vitro culture in comparison with cancer cells. Journal of Artificial Organs, 2006, 9, 179-184.	0.4	38
664	Epigenetic regulation of immune escape genes in cancer. Cancer Immunology, Immunotherapy, 2006, 55, 1159-1184.	2.0	108
665	Activin receptor-like kinase 7 induces apoptosis of pancreatic beta cells and beta cell lines. Diabetologia, 2006, 49, 506-518.	2.9	37
666	TGF-β2 inhibits AKT activation and FGF-2-induced corneal endothelial cell proliferation. Experimental Cell Research, 2006, 312, 3631-3640.	1.2	34
667	Cooperation of H2O2-mediated ERK activation with Smad pathway in TGF-β1 induction of p21WAF1/Cip1. Cellular Signalling, 2006, 18, 236-243.	1.7	43
668	Developmental pattern of expression of BMP receptors and Smads and activation of Smad1 and Smad5 by BMP9 in mouse basal forebrain. Brain Research, 2006, 1088, 49-56.	1.1	35
669	The major histocompatibility complex class II transactivator is differentially regulated by interferon-Î ³ and transforming growth factor-Î ² in microglial cells. Journal of Neuroimmunology, 2006, 172, 18-26.	1.1	14
670	Inhibition of systemic sclerosis dermal fibroblast type I collagen production and gene expression by simvastatin. Arthritis and Rheumatism, 2006, 54, 1298-1308.	6.7	45
671	Erk1/2 signaling is required for Tgf-β2–induced suture closure. Developmental Dynamics, 2006, 235, 1292-1299.	0.8	27

#	Article	IF	CITATIONS
672	Porous gelatin–chondroitin–hyaluronate tri-copolymer scaffold containing microspheres loaded with TGF-β1 induces differentiation of mesenchymal stem cellsin vivo for enhancing cartilage repair. Journal of Biomedical Materials Research - Part A, 2006, 77A, 785-794.	2.1	94
673	TGF-β2 stimulates cranial suture closure through activation of the Erk-MAPK pathway. Journal of Cellular Biochemistry, 2006, 98, 981-991.	1.2	34
674	Myostatin auto-regulates its expression by feedback loop through Smad7 dependent mechanism. Journal of Cellular Physiology, 2006, 206, 264-272.	2.0	85
675	SOCS-2 interferes with myotube formation and potentiates osteoblast differentiation through upregulation of JunB in C2C12 cells. Journal of Cellular Physiology, 2006, 207, 428-436.	2.0	22
676	Lack of activated Smad2 in transforming growth factor-β signaling is an unfavorable prognostic factor in patients with esophageal squamous cell carcinoma. Journal of Surgical Oncology, 2006, 94, 51-56.	0.8	20
677	Ectopic expression of phospho-Smad2 in Alzheimer's disease: Uncoupling of the transforming growth factor-β pathway?. Journal of Neuroscience Research, 2006, 84, 1856-1861.	1.3	68
678	The new bone biology: Pathologic, molecular, and clinical correlates. American Journal of Medical Genetics, Part A, 2006, 140A, 2646-2706.	0.7	257
679	Bone morphogenetic protein-2 upregulates expression and function of voltage-gated K+ channels in human pulmonary artery smooth muscle cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L993-L1004.	1.3	52
680	TGF-β, T-cell tolerance and immunotherapy of autoimmune diseases and cancer. Expert Review of Clinical Immunology, 2006, 2, 257-265.	1.3	11
681	Serum Soluble Factors Induce the Proliferation, Alkaline Phosphatase Activity and Transforming Growth Factor-β Signal in Osteoblastic Cells in the Patient with Hepatitis C-associated Osteosclerosis. Experimental and Clinical Endocrinology and Diabetes, 2006, 114, 599-604.	0.6	12
682	Glucocorticoid Up-Regulates Transforming Growth Factor-β (TGF-β) Type II Receptor and Enhances TGF-β Signaling in Human Prostate Cancer PC-3 Cells. Endocrinology, 2006, 147, 5259-5267.	1.4	34
683	Transforming growth factorâ€î²1 enhances the antifibrinolytic and prothrombotic state of growing endothelial cells in a cell cycleâ€specific manner. FASEB Journal, 2006, 20, 965-966.	0.2	4
684	Islet hypertrophy following pancreatic disruption of Smad4 signaling. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E1305-E1316.	1.8	20
685	Schistosoma mansoni TCF-β Receptor II: Role in Host Ligand-Induced Regulation of a Schistosome Target Gene. PLoS Pathogens, 2006, 2, e54.	2.1	134
686	BMP signaling controls PASMC KV channel expression in vitro and in vivo. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 290, L841-L848.	1.3	60
687	Pathways of matrix metalloproteinase induction in heart failure: Bioactive molecules and transcriptional regulation. Cardiovascular Research, 2006, 69, 666-676.	1.8	161
688	Extracellular Matrix-mediated Signaling by Dentin Phosphophoryn Involves Activation of the Smad Pathway Independent of Bone Morphogenetic Protein. Journal of Biological Chemistry, 2006, 281, 5341-5347.	1.6	63
689	Adenoviral gene transfer of BMP-7, Id2, or Id3 suppresses injury-induced epithelial-to-mesenchymal transition of lens epithelium in mice. American Journal of Physiology - Cell Physiology, 2006, 290, C282-C289.	2.1	68

#	Article	IF	CITATIONS
690	The Tumor Suppressor KLF11 Mediates a Novel Mechanism in Transforming Growth Factor β–Induced Growth Inhibition That Is Inactivated in Pancreatic Cancer. Molecular Cancer Research, 2006, 4, 861-872.	1.5	45
691	Oxygen Tension Regulates Chondrocyte Differentiation and Function during Endochondral Ossification. Journal of Biological Chemistry, 2006, 281, 31079-31092.	1.6	161
692	The Transforming Growth Factor-Î ² -Smad3/4 Signaling Pathway Acts as a Positive Regulator for TLR2 Induction by Bacteria via a Dual Mechanism Involving Functional Cooperation with NF-ήB and MAPK Phosphatase 1-dependent Negative Cross-talk with p38 MAPK. Journal of Biological Chemistry, 2006, 281, 22397-22408.	1.6	45
693	An oncolytic adenovirus expressing soluble transforming growth factor- $\hat{1}^2$ type II receptor for targeting breast cancer: in vitro evaluation. Molecular Cancer Therapeutics, 2006, 5, 367-373.	1.9	18
694	Preservation and Expansion of the Primate Keratocyte Phenotype by Downregulating TGF-β Signaling in a Low-Calcium, Serum-Free Medium. , 2006, 47, 1918.		49
695	Genomic analyses facilitate identification of receptors and signalling pathways for growth differentiation factor 9 and related orphan bone morphogenetic protein/growth differentiation factor ligands. Human Reproduction Update, 2006, 12, 373-383.	5.2	72
696	TGIF Inhibits Retinoid Signaling. Molecular and Cellular Biology, 2006, 26, 990-1001.	1.1	102
697	Transforming Growth Factor β1 Induces Hypoxia-inducible Factor-1 Stabilization through Selective Inhibition of PHD2 Expression. Journal of Biological Chemistry, 2006, 281, 24171-24181.	1.6	271
698	Orphan Nuclear Receptor Small Heterodimer Partner Inhibits Transforming Growth Factor-β Signaling by Repressing SMAD3 Transactivation. Journal of Biological Chemistry, 2006, 281, 39169-39178.	1.6	31
699	Regulation of intracellular signalling by the terminal membrane proteins of members of the Gammaherpesvirinae. Journal of General Virology, 2006, 87, 1047-1074.	1.3	100
700	Increased Radioresistance, G2/M Checkpoint Inhibition, and Impaired Migration of Bone Marrow Stromal Cell Lines Derived from Smad3â^'/â^'Mice. Radiation Research, 2006, 165, 671-677.	0.7	12
701	Genetics of Pulmonary Arterial Hypertension. , 2006, , 50-65.		1
702	Role of Smad- and Wnt-Dependent Pathways in Embryonic Cardiac Development. Stem Cells and Development, 2006, 15, 29-39.	1.1	43
703	OAZ Regulates Bone Morphogenetic Protein Signaling through Smad6 Activation. Journal of Biological Chemistry, 2006, 281, 5277-5287.	1.6	38
704	RhoA Modulates Smad Signaling during Transforming Growth Factor-β-induced Smooth Muscle Differentiation. Journal of Biological Chemistry, 2006, 281, 1765-1770.	1.6	127
705	Cytokines in Atherosclerosis: Pathogenic and Regulatory Pathways. Physiological Reviews, 2006, 86, 515-581.	13.1	1,432
706	Dual function of the Drosophila Alk1/Alk2 ortholog Saxophone shapes the Bmp activity gradient in the wing imaginal disc. Development (Cambridge), 2006, 133, 3295-3303.	1.2	47
707	Acute regulation of murine follicle-stimulating hormone Î ² subunit transcription by activin A. Journal of Molecular Endocrinology, 2006, 36, 201-220.	1.1	66

#	Article	IF	CITATIONS
708	Activating Transcription Factor 3, a Stress-inducible Gene, Suppresses Ras-stimulated Tumorigenesis. Journal of Biological Chemistry, 2006, 281, 10473-10481.	1.6	164
709	Mutant p53 Attenuates the SMAD-Dependent Transforming Growth Factor β1 (TGF-β1) Signaling Pathway by Repressing the Expression of TGF-β Receptor Type II. Molecular and Cellular Biology, 2007, 27, 8228-8242.	1.1	71
710	3-Phosphoinositide-dependent PDK1 Negatively Regulates Transforming Growth Factor-Î ² -induced Signaling in a Kinase-dependent Manner through Physical Interaction with Smad Proteins. Journal of Biological Chemistry, 2007, 282, 12272-12289.	1.6	38
711	Negative Regulation of Inducible Nitric-oxide Synthase Expression Mediated through Transforming Growth Factor-β-dependent Modulation of Transcription Factor TCF11. Journal of Biological Chemistry, 2007, 282, 36837-36844.	1.6	54
712	Differential and combined effects of cardiotrophin-1 and TGF-β1 on cardiac myofibroblast proliferation and contraction. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H1053-H1064.	1.5	33
713	Dual Role of SnoN in Mammalian Tumorigenesis. Molecular and Cellular Biology, 2007, 27, 324-339.	1.1	93
714	Specificity protein 1 and Smad-dependent regulation of human heme oxygenase-1 gene by transforming growth factor-β1 in renal epithelial cells. American Journal of Physiology - Renal Physiology, 2007, 293, F885-F894.	1.3	17
715	Effect of overexpression of pparÎ ³ on the healing process of corneal alkali burn in mice. American Journal of Physiology - Cell Physiology, 2007, 293, C75-C86.	2.1	67
716	RAS/ERK modulates TGFÂ-regulated PTEN expression in human pancreatic adenocarcinoma cells. Carcinogenesis, 2007, 28, 2321-2327.	1.3	83
717	XP-828L (Dermylex), a new whey protein extract with potential benefit for mild to moderate psoriasisThis article is one of a selection of papers published in this special issue (part 1 of 2) on the Safety and Efficacy of Natural Health Products Canadian Journal of Physiology and Pharmacology, 2007. 85. 943-951.	0.7	10
718	Potentiation of Astrogliogenesis by STAT3-Mediated Activation of Bone Morphogenetic Protein-Smad Signaling in Neural Stem Cells. Molecular and Cellular Biology, 2007, 27, 4931-4937.	1.1	108
719	Smad7 Gene Therapy Ameliorates an Autoimmune Crescentic Glomerulonephritis in Mice. Journal of the American Society of Nephrology: JASN, 2007, 18, 1777-1788.	3.0	116
720	Ultradian oscillations of Stat, Smad, and Hes1 expression in response to serum. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11292-11297.	3.3	125
721	The nuclear envelope protein MAN1 regulates TGFβ signaling and vasculogenesis in the embryonic yolk sac. Development (Cambridge), 2007, 134, 1385-1395.	1.2	48
722	Deletion of Protein Kinase C-Îμ Signaling Pathway Induces Glomerulosclerosis and Tubulointerstitial Fibrosis In Vivo. Journal of the American Society of Nephrology: JASN, 2007, 18, 1190-1198.	3.0	59
723	The Role of Tubular Epithelial-Mesenchymal Transition in Progressive Kidney Disease. Cells Tissues Organs, 2007, 185, 222-231.	1.3	125
724	Signaling by ALK5 mediates TGF-β-induced ET-1 expression in endothelial cells: a role for migration and proliferation. Journal of Cell Science, 2007, 120, 1256-1266.	1.2	86
725	Expression and Regulation of the Osteoarthritis-associated Protein Asporin. Journal of Biological Chemistry, 2007, 282, 32193-32199.	1.6	46

#	Article	IF	CITATIONS
726	Smad7 Antagonizes Transforming Growth Factor Î ² Signaling in the Nucleus by Interfering with Functional Smad-DNA Complex Formation. Molecular and Cellular Biology, 2007, 27, 4488-4499.	1.1	220
727	Smad7 Transgene Attenuates Peritoneal Fibrosis in Uremic Rats Treated with Peritoneal Dialysis. Journal of the American Society of Nephrology: JASN, 2007, 18, 2689-2703.	3.0	49
728	Mechanisms underlying TGF-β1-induced expression of VEGF and Flk-1 in mouse macrophages and their implications for angiogenesis. Journal of Leukocyte Biology, 2007, 81, 557-566.	1.5	127
729	Neural plate morphogenesis during mouse neurulation is regulated by antagonism of Bmp signalling. Development (Cambridge), 2007, 134, 3203-3211.	1.2	140
730	Glutathione suppresses TGF-Î ² -induced PAI-1 expression by inhibiting p38 and JNK MAPK and the binding of AP-1, SP-1, and Smad to the PAI-1 promoter. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 293, L1281-L1292.	1.3	83
732	Understanding the extrinsic and intrinsic signals involved in pancreas and β-cell development: from endoderm to I² cells. Current Opinion in Organ Transplantation, 2007, 12, 40-48.	0.8	3
733	Ultradian Oscillators in Somite Segmentation and Other Biological Events. Cold Spring Harbor Symposia on Quantitative Biology, 2007, 72, 451-457.	2.0	11
734	Myostatin in the Pathophysiology of Skeletal Muscle. Current Genomics, 2007, 8, 415-422.	0.7	61
735	Re-employment of developmental transcription factors in adult heart disease. Seminars in Cell and Developmental Biology, 2007, 18, 117-131.	2.3	156
736	Sp-Smad2/3 mediates patterning of neurogenic ectoderm by nodal in the sea urchin embryo. Developmental Biology, 2007, 302, 494-503.	0.9	46
737	Characterization of dSnoN and its relationship to Decapentaplegic signaling in Drosophila. Developmental Biology, 2007, 306, 66-81.	0.9	17
738	The role of maternal Activin-like signals in zebrafish embryos. Developmental Biology, 2007, 309, 245-258.	0.9	37
739	GATA-2 functions downstream of BMPs and CaM KIV in ectodermal cells during primitive hematopoiesis. Developmental Biology, 2007, 310, 454-469.	0.9	23
740	Control of kidney, eye and limb expression of Bmp7 by an enhancer element highly conserved between species. Developmental Biology, 2007, 311, 679-690.	0.9	18
741	Cdh1-Anaphase-Promoting Complex Targets Skp2 for Destruction in Transforming Growth Factor β-Induced Growth Inhibition. Molecular and Cellular Biology, 2007, 27, 2967-2979.	1.1	46
742	Inhibition of RhoA/Rho-kinase pathway suppresses the expression of type I collagen induced by TGF-β2 in human retinal pigment epithelial cells. Experimental Eye Research, 2007, 84, 464-472.	1.2	54
743	Smad3 null mice display more rapid wound closure and reduced scar formation after a stab wound to the cerebral cortex. Experimental Neurology, 2007, 203, 168-184.	2.0	79
744	The role of epithelial–mesenchymal transition in oral squamous cell carcinoma and oral submucous fibrosis. Clinica Chimica Acta, 2007, 383, 51-56.	0.5	56

#	Article	IF	CITATIONS
745	Disruption of transforming growth factor Î ² -Smad signaling pathway in head and neck squamous cell carcinoma as evidenced by mutations of SMAD2 and SMAD4. Cancer Letters, 2007, 245, 163-170.	3.2	73
746	The human Cyr61 gene is a transcriptional target of transforming growth factor beta in cancer cells. Cancer Letters, 2007, 246, 230-236.	3.2	46
747	Genetic alterations of the TGF-Î ² signaling pathway in colorectal cancer cell lines: A novel mutation in Smad3 associated with the inactivation of TGF-Î ² -induced transcriptional activation. Cancer Letters, 2007, 247, 283-292.	3.2	37
748	Panax ginseng induces human Type I collagen synthesis through activation of Smad signaling. Journal of Ethnopharmacology, 2007, 109, 29-34.	2.0	75
749	Effect of Camellia japonica oil on human type I procollagen production and skin barrier function. Journal of Ethnopharmacology, 2007, 112, 127-131.	2.0	68
750	Fussel-15, a novel Ski/Sno homolog protein, antagonizes BMP signaling. Molecular and Cellular Neurosciences, 2007, 34, 603-611.	1.0	39
751	Lower expression levels of the transforming growth factor beta receptor type II protein are associated with a less aggressive tumor phenotype and improved survival among patients with clear cell renal cell carcinoma. Human Pathology, 2007, 38, 453-461.	1.1	11
752	TGFâ€Î² suppresses POEM expression through ERK1/2 and JNK in osteoblasts. FEBS Letters, 2007, 581, 5321-5326.	1.3	21
753	TGFβ as a Potential Mediator of Progesterone Action in the Mammary Gland of Pregnancy. Journal of Mammary Gland Biology and Neoplasia, 2007, 12, 249-257.	1.0	9
754	A Thrombospondin-1 Antagonist of Transforming Growth Factor-β Activation Blocks Cardiomyopathy in Rats with Diabetes and Elevated Angiotensin II. American Journal of Pathology, 2007, 171, 777-789.	1.9	100
755	Termination of TGF-β Superfamily Signaling Through SMAD Dephosphorylation—A Functional Genomic View. Journal of Genetics and Genomics, 2007, 34, 1-9.	1.7	13
756	Basics of TGF-ß and Pancreatic Cancer. Pancreatology, 2007, 7, 423-435.	0.5	141
757	Increase of collagen synthesis by obovatol through stimulation of the TGF-Î ² signaling and inhibition of matrix metalloproteinase in UVB-irradiated human fibroblast. Journal of Dermatological Science, 2007, 46, 127-137.	1.0	47
758	Inhibition of Smad3 expression decreases collagen synthesis in keloid disease fibroblasts. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2007, 60, 1193-1199.	0.5	69
759	Effects of SMAD7 Overexpression on Peritoneal Inflammation in a Rat Peritoneal Dialysis Model. Peritoneal Dialysis International, 2007, 27, 580-588.	1.1	22
760	Interleukinâ€1β impairment of transforming growth factor β1 signaling by DOWNâ€REGULATION of transforming growth factor β receptor type II and upâ€regulation of Smad7 in human articular chondrocytes. Arthritis and Rheumatism, 2007, 56, 3020-3032.	6.7	66
761	A tale of two proteins: Differential roles and regulation of Smad2 and Smad3 in TGF-β signaling. Journal of Cellular Biochemistry, 2007, 101, 9-33.	1.2	321
762	Increased Smad1 expression and transcriptional activity enhances trans-differentiation of hepatic stellate cells. Journal of Cellular Physiology, 2007, 212, 764-770.	2.0	14

#	Article	IF	CITATIONS
763	Sprouty2 downregulation plays a pivotal role in mediating crosstalk between TGF-β1 signaling and EGF as well as FGF receptor tyrosine kinase-ERK pathways in mesenchymal cells. Journal of Cellular Physiology, 2007, 212, 796-806.	2.0	34
764	Synergistic effect of low-intensity pulsed ultrasound on growth factor stimulation of nucleus pulposus cells. Journal of Orthopaedic Research, 2007, 25, 1574-1581.	1.2	24
765	A rapid and sensitive bioassay to measure bone morphogenetic protein activity. BMC Cell Biology, 2007, 8, 41.	3.0	69
766	Regulation of TGFâ€Î²1 gene transcription in human prostate cancer cells by nitric oxide. Prostate, 2007, 67, 1825-1833.	1.2	14
767	Smad3 is acetylated by p300/CBP to regulate its transactivation activity. Oncogene, 2007, 26, 500-508.	2.6	133
768	A Role for TGF-β1-Induced Cellular Responses during Wound Healing of the Non-Scarring Early Human Fetus?. Journal of Investigative Dermatology, 2007, 127, 2656-2667.	0.3	74
769	Regulation of fibroblast functions by lysophospholipid mediators: Potential roles in wound healing. Wound Repair and Regeneration, 2007, 15, 607-616.	1.5	103
770	Transforming growth factor-?1 up-regulates the expression of nerve growth factor through mitogen-activated protein kinase signaling pathways in dental pulp cells. European Journal of Oral Sciences, 2007, 115, 57-63.	0.7	26
771	Genes involved in TGFβ1-driven epithelial-mesenchymal transition of renal epithelial cells are topologically related in the human interactome map. BMC Genomics, 2007, 8, 383.	1.2	20
772	A 4.3Âkb Smad7 promoter is able to specify gene expression during mouse development. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2007, 1769, 149-152.	2.4	9
773	Histone deacetylase 4 is required for TGFβ1-induced myofibroblastic differentiation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2007, 1773, 1572-1582.	1.9	145
774	Tyrosine kinase and cooperative TGFβ signaling in the reproductive organs of Schistosoma mansoni. Experimental Parasitology, 2007, 117, 318-336.	0.5	63
775	Schistosoma mansoni: TGF-β signaling pathways. Experimental Parasitology, 2007, 117, 304-317.	0.5	80
776	TGF-Î ² superfamily signaling is essential for tooth and hair morphogenesis and differentiation. European Journal of Cell Biology, 2007, 86, 781-799.	1.6	50
777	Emodin, an anthraquinone derivative from Rheum officinale Baill, enhances cutaneous wound healing in rats. European Journal of Pharmacology, 2007, 567, 177-185.	1.7	96
778	Effect of protocatechualdehyde on receptor for advanced glycation end products and TGF-Î ² 1 expression in human lens epithelial cells cultured under diabetic conditions and on lens opacity in streptozotocin-diabetic rats. European Journal of Pharmacology, 2007, 569, 171-179.	1.7	37
779	The effect of TGF-β1 and Smad7 gene transfer on the phenotypic changes of rat alveolar epithelial cells. Cellular and Molecular Biology Letters, 2007, 12, 457-72.	2.7	16
780	A cell-based assay system for high-throughput screening of anti-wrinkle agents in human dermal fibroblast transfectant cells. Biotechnology and Applied Biochemistry, 2007, 47, 27.	1.4	5

щ		IF	CITATIONS
#	ARTICLE Interaction of bone morphogenetic proteins with cells of the osteoclast lineage: review of the	IF	CITATIONS
781	existing evidence. Osteoporosis International, 2007, 18, 1565-1581.	1.3	92
782	Activation of extracellular signal-regulated kinase by TGF-β1 via TβRII and Smad7 dependent mechanisms in human bronchial epithelial BEP2D cells. Cell Biology and Toxicology, 2007, 23, 113-128.	2.4	5
783	Human TIEG2/KLF11 induces oligodendroglial cell death by downregulation of Bcl-XL expression. Journal of Neural Transmission, 2007, 114, 867-875.	1.4	25
784	ÎEF1 represses BMP-2-induced differentiation of C2C12 myoblasts into the osteoblast lineage. Journal of Biomedical Science, 2007, 14, 663-679.	2.6	26
785	Inflammation and Repair in Viral Hepatitis C. Digestive Diseases and Sciences, 2008, 53, 1468-1487.	1.1	31
786	Osteosarcoma Development and Stem Cell Differentiation. Clinical Orthopaedics and Related Research, 2008, 466, 2114-2130.	0.7	307
787	Transforming growth factor-Î ² receptor antagonism attenuates myocardial fibrosis in mice with cardiac-restricted overexpression of tumor necrosis factor. Basic Research in Cardiology, 2008, 103, 60-68.	2.5	84
788	Fermentable metabolite of Zymomonas mobilis controls collagen reduction in photoaging skin by improving TGF-β/Smad signaling suppression. Archives of Dermatological Research, 2008, 300, 57-64.	1.1	14
789	Structure ofDrosophilaMad MH2 domain. Acta Crystallographica Section F: Structural Biology Communications, 2008, 64, 986-990.	0.7	4
790	Bone morphogenetic proteins in tissue engineering: the road from the laboratory to the clinic, part I (basic concepts). Journal of Tissue Engineering and Regenerative Medicine, 2008, 2, 1-13.	1.3	273
791	Using RNA interference to identify the different roles of SMAD2 and SMAD3 in NIH/3T3 fibroblast cells. Cell Biochemistry and Function, 2008, 26, 548-556.	1.4	10
792	Real time monitoring of BMP Smads transcriptional activity during mouse development. Genesis, 2008, 46, 335-346.	0.8	70
793	Tieg3/Klf11 induces apoptosis in OLIâ€neu cells and enhances the TGFâ€Î² signaling pathway by transcriptional repression of Smad7. Journal of Cellular Biochemistry, 2008, 104, 850-861.	1.2	33
794	Identification of novel Smad2 and Smad3 associated proteins in response to TGFâ€Î²1. Journal of Cellular Biochemistry, 2008, 105, 596-611.	1.2	49
795	Elevated serum level and gene polymorphisms of TGFâ€Î²1 in gastric cancer. Journal of Clinical Laboratory Analysis, 2008, 22, 164-171.	0.9	40
796	Identification of the gene transcription and apoptosis mediated by TGFâ€Î²â€6mad2/3â€6mad4 signaling. Journal of Cellular Physiology, 2008, 215, 422-433.	2.0	51
797	Sox9, a key transcription factor of bone morphogenetic proteinâ€2â€induced chondrogenesis, is activated through BMP pathway and a CCAAT box in the proximal promoter. Journal of Cellular Physiology, 2008, 217, 228-241.	2.0	128
798	Involvement of the TGF- $\hat{1}^2$ and mTOR/p70S6Kinase pathways in the transformation process induced by v-ErbA. Leukemia Research, 2008, 32, 1878-1888.	0.4	8

#	Article	IF	Citations
799	Loss of Runx3 affects ovulation and estrogenâ€induced endometrial cell proliferation in female mice. Molecular Reproduction and Development, 2008, 75, 1653-1661.	1.0	16
800	A Cross-Talk Between Stromal Cell-Derived Factor-1 and Transforming Growth Factor- <i>β</i> Controls the Quiescence/Cycling Switch of CD34+ Progenitors Through FoxO3 and Mammalian Target of Rapamycin. Stem Cells, 2008, 26, 3150-3161.	1.4	44
801	Type I receptor binding of bone morphogenetic protein 6 is dependent on Nâ€glycosylation of the ligand. FEBS Journal, 2008, 275, 172-183.	2.2	92
802	Rb/E2F4 and Smad2/3 link survivin to TGF-β-induced apoptosis and tumor progression. Oncogene, 2008, 27, 5326-5338.	2.6	63
803	Transforming growth factorâ€Î²1 regulates the fate of cultured spinal cordâ€derived neural progenitor cells. Cell Proliferation, 2008, 41, 248-264.	2.4	33
804	Effects of asiaticoside on the expression of Smad protein by normal skin fibroblasts and hypertrophic scar fibroblasts. Clinical and Experimental Dermatology, 2008, 33, 171-175.	0.6	27
805	Transforming growth factor-beta-mediated regulation of BK virus gene expression. Virology, 2008, 378, 6-12.	1.1	24
806	TGF-β coordinately activates TAK1/MEK/AKT/NFkB and SMAD pathways to promote osteoclast survival. Experimental Cell Research, 2008, 314, 2725-2738.	1.2	156
807	Blunted amygdalar anti-inflammatory cytokine effector response to postnatal stress in prenatally stressed rats. Brain Research, 2008, 1196, 1-12.	1.1	5
808	Short-type PB-cadherin promotes self-renewal of spermatogonial stem cells via multiple signaling pathways. Cellular Signalling, 2008, 20, 1052-1060.	1.7	32
809	Expression of BMP7 is associated with resistance to diabetic stress: Comparison among mouse salivary glands. European Journal of Pharmacology, 2008, 596, 1-5.	1.7	10
810	TGFβ1 regulates endothelial cell spreading and hypertrophy through a Rac—p38â€mediated pathway. Biology of the Cell, 2008, 100, 537-550.	0.7	11
811	The câ€myc Promoter: Still MysterY and Challenge. Advances in Cancer Research, 2008, 99, 113-333.	1.9	179
812	Bone Morphogenetic Protein Receptors and Actions. , 2008, , 1177-1196.		2
813	Mechanisms of carvacrol-induced expression of type I collagen gene. Journal of Dermatological Science, 2008, 52, 160-169.	1.0	29
814	Myostatin Signaling in Normal and Tumor Cells. , 2008, , 509-522.		0
815	Transforming Growth Factor-β1 Attenuates Expression of Both the Progesterone Receptor and Dickkopf in Differentiated Human Endometrial Stromal Cells. Molecular Endocrinology, 2008, 22, 716-728.	3.7	42
816	Smad3 and Pitx2 cooperate in stimulation of FSHÎ ² gene transcription. Molecular and Cellular Endocrinology, 2008, 281, 27-36.	1.6	22

#	Article	IF	CITATIONS
817	Two novel type II receptors mediate BMP signalling and are required to establish left–right asymmetry in zebrafish. Developmental Biology, 2008, 315, 55-71.	0.9	54
818	NANOG Is a Direct Target of TGFβ/Activin-Mediated SMAD Signaling in Human ESCs. Cell Stem Cell, 2008, 3, 196-206.	5.2	446
819	Diabetic nephropathy: Important pathophysiologic mechanisms. Diabetes Research and Clinical Practice, 2008, 82, S75-S79.	1.1	97
820	The cell biology of bone metabolism. Journal of Clinical Pathology, 2008, 61, 577-587.	1.0	382
821	Suppression of NF-κB and IRF-1-induced transcription of the murine IL-12 p40 by transforming growth factor-β Smad pathway in macrophages. Molecular and Cellular Biochemistry, 2008, 308, 9-15.	1.4	6
822	Transformation by Oncogenic Ras Expands the Early Genomic Response to Transforming Growth Factor β in Intestinal Epithelial Cells. Neoplasia, 2008, 10, 1073-1082.	2.3	5
823	Tumor Growth Suppression by the Coactivator p300. Journal of Oral Biosciences, 2008, 50, 115-124.	0.8	3
824	Tgf-&Bgr Regulation of Suture Morphogenesis and Growth. , 2008, 12, 178-196.		25
825	Regulation of the Anaphase-promoting Complex–Separase Cascade by Transforming Growth Factor-β Modulates Mitotic Progression in Bone Marrow Stromal Cells. Molecular Biology of the Cell, 2008, 19, 5446-5455.	0.9	15
826	Stoichiometric imbalance in the receptor complex contributes to dysfunctional BMPR-II mediated signalling in pulmonary arterial hypertension. Human Molecular Genetics, 2008, 17, 1683-1694.	1.4	44
827	A Quantitative Trait Locus on Chromosome 4 Affects Cycling of Hematopoietic Stem and Progenitor Cells through Regulation of TGF-β2 Responsiveness. Journal of Immunology, 2008, 181, 5904-5911.	0.4	8
828	Transforming Growth Factor- $\hat{1}^21$ Is a Molecular Target for the Peroxisome Proliferator-Activated Receptor I´. Circulation Research, 2008, 102, 193-200.	2.0	74
829	TGFβ modulates PTEN expression independently of SMAD signaling for growth proliferation in colon cancer cells. Cancer Biology and Therapy, 2008, 7, 1694-1699.	1.5	29
830	The Effect of Transforming Growth Factor Î ² on Human Neuroendocrine Tumor BON Cell Proliferation and Differentiation Is Mediated through Somatostatin Signaling. Molecular Cancer Research, 2008, 6, 1029-1042.	1.5	34
831	Chromatin-Bound p53 Anchors Activated Smads and the mSin3A Corepressor To Confer Transforming Growth Factor β-Mediated Transcription Repression. Molecular and Cellular Biology, 2008, 28, 1988-1998.	1.1	41
832	Promoter Analysis Reveals Critical Roles for SMAD-3 and ATF-2 in Expression of IL-23 p19 in Macrophages. Journal of Immunology, 2008, 181, 4523-4533.	0.4	47
833	Mesenchyme-dependent BMP signaling directs the timing of mandibular osteogenesis. Development (Cambridge), 2008, 135, 1223-1234.	1.2	60
834	Transgelin is a direct target of TGFâ€Î²/Smad3â€dependent epithelial cell migration in lung fibrosis. FASEB Journal, 2008, 22, 1778-1789.	0.2	121

#	Article	IF	CITATIONS
835	FoxK mediates TGF-β signalling during midgut differentiation in flies. Journal of Cell Biology, 2008, 183, 1049-1060.	2.3	13
836	FK506 can activate transforming growth factor-Â signalling in vascular smooth muscle cells and promote proliferation. Cardiovascular Research, 2008, 79, 519-526.	1.8	39
837	TGFβ-induced RhoA activation and fibronectin production in mesangial cells require caveolae. American Journal of Physiology - Renal Physiology, 2008, 295, F153-F164.	1.3	69
838	Epithelial-Mesenchymal Transition Induced by Growth Suppressor p12CDK2-AP1 Promotes Tumor Cell Local Invasion but Suppresses Distant Colony Growth. Cancer Research, 2008, 68, 10377-10386.	0.4	217
839	A New Synthetic Compound, SST-VEDI-1, Inhibits Osteoblast Differentiation with a Down-Regulation of the Osterix Expression. Journal of Biochemistry, 2008, 145, 239-247.	0.9	6
840	Sizn1 Is a Novel Protein That Functions as a Transcriptional Coactivator of Bone Morphogenic Protein Signaling. Molecular and Cellular Biology, 2008, 28, 1565-1572.	1.1	37
841	Relationship between GST Yp Induction and Hepatocyte Proliferation in Rats Treated with Phase II Drug Metabolizing Enzyme Inducers. Toxicologic Pathology, 2008, 36, 420-427.	0.9	6
842	c-Jun N-terminal Kinase Inhibitor II (SP600125) Activates Mul̀`llerian Inhibiting Substance Type II Receptor-Mediated Signal Transduction. Endocrinology, 2008, 149, 108-115.	1.4	24
843	Essential Role of TGF-β/Smad Pathway on Statin Dependent Vascular Smooth Muscle Cell Regulation. PLoS ONE, 2008, 3, e3959.	1.1	49
844	TGF-β ₁ and TNF-α are involved in the transcription of type I collagen α ₂ gene in soleus muscle atrophied by mechanical unloading. Journal of Applied Physiology, 2008, 104, 170-177.	1.2	46
845	SB-431542 Inhibition of Scar Formation after Filtration Surgery and Its Potential Mechanism. , 2009, 50, 1698.		48
846	RGC-32 Mediates Transforming Growth Factor-β-induced Epithelial-Mesenchymal Transition in Human Renal Proximal Tubular Cells. Journal of Biological Chemistry, 2009, 284, 9426-9432.	1.6	66
847	Evidence for Activation of the TGF-β1 Promoter by C/EBPβ and Its Modulation by Smads. Journal of Interferon and Cytokine Research, 2009, 29, 1-8.	0.5	20
848	BMP signaling pathway is required for commitment of C3H10T1/2 pluripotent stem cells to the adipocyte lineage. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12670-12675.	3.3	318
849	Smad6 Inhibits the Transcriptional Activity of Tbx6 by Mediating Its Degradation. Journal of Biological Chemistry, 2009, 284, 23481-23490.	1.6	24
850	BMP4-Smad Signaling Pathway Mediates Adriamycin-induced Premature Senescence in Lung Cancer Cells. Journal of Biological Chemistry, 2009, 284, 12153-12164.	1.6	49
851	Phosphatidylinositol 3-Kinase/Akt Pathway Targets Acetylation of Smad3 through Smad3/CREB-binding Protein Interaction. Journal of Biological Chemistry, 2009, 284, 23912-23924.	1.6	19
852	MODELLING VASCULAR MORPHOGENESIS: CURRENT VIEWS ON BLOOD VESSELS DEVELOPMENT. Mathematical Models and Methods in Applied Sciences, 2009, 19, 1483-1537.	1.7	19

#	Article	IF	CITATIONS
853	Transforming growth factor-beta in the pathogenesis of chronic obstructive pulmonary disease. Journal of Organ Dysfunction, 2009, 5, 161-170.	0.3	7
854	Transforming Growth Factor Î ² 1-mediated Activation of the Smooth Muscle α-Actin Gene in Human Pulmonary Myofibroblasts Is Inhibited by Tumor Necrosis Factor-α via Mitogen-activated Protein Kinase Kinase 1-dependent Induction of the Egr-1 Transcriptional Repressor. Molecular Biology of the Cell, 2009. 20. 2174-2185.	0.9	35
855	Dioxin Receptor Deficiency Impairs Angiogenesis by a Mechanism Involving VEGF-A Depletion in the Endothelium and Transforming Growth Factor-β Overexpression in the Stroma. Journal of Biological Chemistry, 2009, 284, 25135-25148.	1.6	71
856	Transforming Growth Factor β3 Regulates the Versican Variants in the Extracellular Matrix-Rich Uterine Leiomyomas. Reproductive Sciences, 2009, 16, 1153-1164.	1.1	118
857	Loss of dioxin-receptor expression accelerates wound healing in vivo by a mechanism involving TGFβ. Journal of Cell Science, 2009, 122, 1823-1833.	1.2	58
858	Rac1 promotes TGF-β-stimulated mesangial cell type I collagen expression through a PI3K/Akt-dependent mechanism. American Journal of Physiology - Renal Physiology, 2009, 297, F1316-F1323.	1.3	55
859	Mesenchymal Cell Fate and Phenotypes in the Pathogenesis of Emphysema. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2009, 6, 201-210.	0.7	15
860	Follistatin Gene Delivery Enhances Muscle Growth and Strength in Nonhuman Primates. Science Translational Medicine, 2009, 1, 6ra15.	5.8	144
861	Adaptive and Maladptive Effects of SMAD3 Signaling in the Adult Heart After Hemodynamic Pressure Overloading. Circulation: Heart Failure, 2009, 2, 633-642.	1.6	97
862	An integrative ChIP-chip and gene expression profiling to model SMAD regulatory modules. BMC Systems Biology, 2009, 3, 73.	3.0	62
863	Smurf2 induces degradation of GSK-3β and upregulates β-catenin in chondrocytes: A potential mechanism for Smurf2-induced degeneration of articular cartilage. Experimental Cell Research, 2009, 315, 2386-2398.	1.2	59
864	Acquired genetic and functional alterations associated with transforming growth factor β type I resistance in Hep3B human hepatocellular carcinoma cell line. Journal of Cellular and Molecular Medicine, 2009, 13, 3985-3992.	1.6	3
865	PPARδ promotes wound healing by upâ€regulating TGFâ€Î²1â€dependent or â€independent expression of extracellular matrix proteins. Journal of Cellular and Molecular Medicine, 2010, 14, 1747-1759.	1.6	31
866	Histone deacetylase inhibition and the regulation of cell growth with particular reference to liver pathobiology. Journal of Cellular and Molecular Medicine, 2009, 13, 2990-3005.	1.6	17
867	Growth factors, cytokines and their receptors as downstream targets of arylhydrocarbon receptor (AhR) signaling pathways. Biochemical Pharmacology, 2009, 77, 508-520.	2.0	145
868	CD133+ liver cancer stem cells from methionine adenosyl transferase 1A-deficient mice demonstrate resistance to transforming growth factor (TCF)-β-induced apoptosis. Hepatology, 2009, 49, 1277-1286.	3.6	87
869	Generation of <i>Smad7^{â€Cre}</i> recombinase mice: A useful tool for the study of epithelialâ€mesenchymal transformation within the embryonic heart. Genesis, 2009, 47, 469-475.	0.8	9
870	Transforming growth factorâ€Î²1 regulation of ATFâ€3 and identification of ATFâ€3 target genes in breast cancer cells. Journal of Cellular Biochemistry, 2009, 108, 408-414.	1.2	24

#	Article	IF	CITATIONS
871	Bone morphogenetic protein 2 and dexamethasone synergistically increase alkaline phosphatase levels through JAK/STAT signaling in C3H10T1/2 cells. Journal of Cellular Physiology, 2010, 223, 123-133.	2.0	64
872	Inhibition of myostatin with emphasis on follistatin as a therapy for muscle disease. Muscle and Nerve, 2009, 39, 283-296.	1.0	170
873	Regulated production of SnoN2 is a feature of testicular differentiation. Microscopy Research and Technique, 2009, 72, 833-844.	1.2	10
874	Simvastatin impairs smad-3 phosphorylation and modulates transforming growth factor β1-mediated activation of intestinal fibroblasts. British Journal of Surgery, 2009, 96, 541-551.	0.1	44
875	Modeling and analysis of MH1 domain of Smads and their interaction with promoter DNA sequence motif. Journal of Molecular Graphics and Modelling, 2009, 27, 803-812.	1.3	24
876	Proteomic Profiling of Mesenchymal Stem Cell Responses to Mechanical Strain and TGF-β1. Cellular and Molecular Bioengineering, 2009, 2, 606-614.	1.0	50
877	Upregulation of mRNA expression of MCP-1 by TGF-β1 in fibroblast cells from Peyronie's disease. World Journal of Urology, 2009, 27, 123-130.	1.2	25
878	PI3K/Aktâ€dependent transcriptional regulation and activation of BMPâ€2â€Smad signaling by NFâ€ÎºB in metastatic prostate cancer cells. Prostate, 2009, 69, 168-180.	1.2	43
879	Liver fibrosis secondary to bile duct injury: correlation of Smad7 with TGF-β and extracellular matrix proteins. BMC Gastroenterology, 2009, 9, 81.	0.8	11
880	Ski coâ€repressor complexes maintain the basal repressed state of the TGFâ€Î² target gene, <i>SMAD7</i> , via HDAC3 and PRMT5. Genes To Cells, 2009, 14, 17-28.	0.5	54
881	Effect of asiaticoside on hypertrophic scar in the rabbit ear model. Journal of Cutaneous Pathology, 2009, 36, 234-239.	0.7	35
882	A Forward Chemical Screen Using Zebrafish Embryos with Novel 2â€6ubstituted 2Hâ€Chromene Derivatives. Chemical Biology and Drug Design, 2009, 73, 339-345.	1.5	33
883	SOX9 Directly Binds CREB as a Novel Synergism With the PKA Pathway in BMP-2–Induced Osteochondrogenic Differentiation. Journal of Bone and Mineral Research, 2009, 24, 826-836.	3.1	47
885	Control of microRNA biogenesis by TGFβ signaling pathway—A novel role of Smads in the nucleus. Cytokine and Growth Factor Reviews, 2009, 20, 517-521.	3.2	69
886	Arrestin Development: Emerging Roles for Î ² -arrestins in Developmental Signaling Pathways. Developmental Cell, 2009, 17, 443-458.	3.1	183
887	TGF-β1 modulates focal adhesion kinase expression in rat intestinal epithelial IEC-6 cells via stimulatory and inhibitory Smad binding elements. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2009, 1789, 88-98.	0.9	16
888	Profiling of anti-fibrotic signaling by hepatocyte growth factor in renal fibroblasts. Biochemical and Biophysical Research Communications, 2009, 385, 55-61.	1.0	38
889	Structural and functional characterizations of an Activin type II receptor orthologue from the pacific oyster Crassostrea gigas. Gene, 2009, 436, 101-107.	1.0	22

#	Article	IF	CITATIONS
890	Menin expression modulates mesenchymal cell commitment to the myogenic and osteogenic lineages. Developmental Biology, 2009, 332, 116-130.	0.9	35
891	A combination of PPAR-Î ³ agonists and HMG CoA reductase inhibitors (statins) as a new therapy for the conservative treatment of AAS (aortic aneurysm syndromes). Medical Hypotheses, 2009, 73, 614-618.	0.8	11
892	TGF-Î ² signaling and collagen deposition in chronic rhinosinusitis. Journal of Allergy and Clinical Immunology, 2009, 124, 253-259.e2.	1.5	186
893	TGF-β3: A potential biological therapy for enhancing chondrogenesis. Expert Opinion on Biological Therapy, 2009, 9, 689-701.	1.4	95
894	Cytokine array analysis of peritoneal fluid between women with endometriosis of different stages and those without endometriosis. Biomarkers, 2009, 14, 604-618.	0.9	29
895	Chapter 24 Insulinâ€Like Growth Factorâ€2/Mannoseâ€6 Phosphate Receptors. Vitamins and Hormones, 2009, 80, 667-697.	0.7	76
896	Bacterial Infection of Smad3/Rag2 Double-Null Mice with Transforming Growth Factor-β Dysregulation as a Model for Studying Inflammation-Associated Colon Cancer. American Journal of Pathology, 2009, 174, 317-329.	1.9	37
897	Repair of Articular Cartilage Defects: Review and Perspectives. Journal of the Formosan Medical Association, 2009, 108, 87-101.	0.8	138
898	Asiaticoside Supports Collagen Production for Firmer Skin. , 2009, , 335-352.		2
899	<i>Schistosoma mansoni</i> : signal transduction processes during the development of the reproductive organs. Parasitology, 2010, 137, 497-520.	0.7	93
900	Overexpression of caveolin-1 in adult T-cell leukemia. Blood, 2010, 115, 2220-2230.	0.6	9
901	The Transforming Growth Factor Beta 1/SMAD Signaling Pathway Involved in Human Chronic Myeloid Leukemia. Tumori, 2010, 96, 659-666.	0.6	24
902	Smoking and AMH levels in women with normal reproductive history. Archives of Gynecology and Obstetrics, 2010, 282, 215-219.	0.8	36
903	The effect of isosaponarin isolated from wasabi leaf on collagen synthesis in human fibroblasts and its underlying mechanism. Journal of Natural Medicines, 2010, 64, 305-312.	1.1	9
904	The Skeletal Subsystem as an Integrative Physiology Paradigm. Current Osteoporosis Reports, 2010, 8, 168-177.	1.5	11
905	Human dermal fibroblast proliferation activity of usimine-C from Antarctic lichen Ramalina terebrata. Biotechnology Letters, 2010, 32, 471-475.	1.1	8
906	Estrogen receptor α attenuates transforming growth factor-β signaling in breast cancer cells independent from agonistic and antagonistic ligands. Breast Cancer Research and Treatment, 2010, 120, 357-367.	1.1	24
907	Genetic evidence that SMAD2 is not required for gonadal tumor development in inhibin-deficient mice. Reproductive Biology and Endocrinology, 2010, 8, 69.	1.4	11

#	Article	IF	CITATIONS
908	Glycogen synthase kinase-3β negatively regulates TGF-β1 and Angiotensin II-mediated cellular activity through interaction with Smad3. European Journal of Pharmacology, 2010, 644, 17-23.	1.7	26
909	SMAD3 and EGR1 physically and functionally interact in promoter-specific fashion. Cellular Signalling, 2010, 22, 936-943.	1.7	16
910	Glucocorticoid induces mesenchymalâ€toâ€epithelial transition and inhibits TGFâ€Î²1â€induced epithelialâ€toâ€mesenchymal transition and cell migration. FEBS Letters, 2010, 584, 4646-4654.	1.3	47
911	Mutations in GDF5 presenting as semidominant brachydactyly A1. Human Mutation, 2010, 31, 1155-1162.	1.1	23
912	Thapsigarginâ€induced Ca ²⁺ increase inhibits TGFβ1â€mediated Smad2 transcriptional responses via Ca ²⁺ /calmodulinâ€dependent protein kinase II. Journal of Cellular Biochemistry, 2010, 111, 1222-1230.	1.2	11
913	Structural investigations on the Nodalâ€Cripto binding: A theoretical and experimental approach. Biopolymers, 2010, 93, 1011-1021.	1.2	20
914	Divergent molecular mechanisms underlying the pleiotropic functions of macrophage inhibitory cytokineâ€1 in cancer. Journal of Cellular Physiology, 2010, 224, 626-635.	2.0	188
915	JAB1/CSN5: a new player in cell cycle control and cancer. Cell Division, 2010, 5, 26.	1.1	132
916	Chemogenomic Analysis Identifies Macbecin II as a Compound Specific for SMAD4â€Negative Colon Cancer Cells. Chemical Biology and Drug Design, 2010, 75, 360-368.	1.5	3
917	Growth/differentiation factorâ€5: a candidate therapeutic agent for periodontal regeneration? A review of preâ€clinical data. Journal of Clinical Periodontology, 2010, 37, 288-298.	2.3	59
918	Soluble factors from ASCs effectively direct control of chondrogenic fate. Cell Proliferation, 2010, 43, 249-261.	2.4	33
919	TGF-β type II receptor phosphorylates PTH receptor to integrate bone remodelling signalling. Nature Cell Biology, 2010, 12, 224-234.	4.6	136
920	Aberrant Signaling Pathways in Pancreatic Cancer. , 2010, , 2783-2798.		0
921	Bone Morphogenetic Protein Receptor in the Osteogenic Differentiation of Rat Bone Marrow Stromal Cells. Yonsei Medical Journal, 2010, 51, 740.	0.9	30
922	TGFBETA.1 System in Leydig Cells. Part II: TGFBETA.1 and Progesterone, Through Smad1/5, are Involved in the Hyperplasia/hypertrophy of Leydig Cells. Journal of Reproduction and Development, 2010, 56, 400-404.	0.5	12
923	RNA Binding Protein with Multiple Splicing: A New Marker for Retinal Ganglion Cells. , 2010, 51, 1052.		151
924	Regulation of Cell Cycle Progression. , 2010, , 2545-2553.		1
925	Dual Nature of TGF-β1 in Osteoblastic Differentiation of Human Periodontal Ligament Cells. Journal of Hard Tissue Biology, 2010, 19, 187-194.	0.2	12

#	Article	IF	CITATIONS
926	TGFBETA.1 System in Leydig Cells. Part I: Effect of hCG and Progesterone. Journal of Reproduction and Development, 2010, 56, 389-395.	0.5	12
927	Regulation of TGF-Î ² signalling by protein phosphatases. Biochemical Journal, 2010, 430, 191-198.	1.7	80
928	Transforming Growth Factor-Î ² Regulator SnoN Modulates Mammary Gland Branching Morphogenesis, Postlactational Involution, and Mammary Tumorigenesis. Cancer Research, 2010, 70, 4204-4213.	0.4	26
929	Transforming Growth Factor-β1 Induces Transdifferentiation of Myoblasts into Myofibroblasts via Up-Regulation of Sphingosine Kinase-1/S1P ₃ Axis. Molecular Biology of the Cell, 2010, 21, 1111-1124.	0.9	136
930	Nuclear Function of Smad7 Promotes Myogenesis. Molecular and Cellular Biology, 2010, 30, 722-735.	1.1	44
931	MicroRNA-155 Targets SMAD2 and Modulates the Response of Macrophages to Transforming Growth Factor-β. Journal of Biological Chemistry, 2010, 285, 41328-41336.	1.6	182
932	Effects of TGF-Î ² on Podocyte Growth and Disease Progression in Proliferative Podocytopathies. Kidney and Blood Pressure Research, 2010, 33, 24-29.	0.9	42
933	The molecular mediators of type 2 epithelial to mesenchymal transition (EMT) and their role in renal pathophysiology. Expert Reviews in Molecular Medicine, 2010, 12, e17.	1.6	58
934	Structure of Smad1 MH1/DNA complex reveals distinctive rearrangements of BMP and TGF-Î ² effectors. Nucleic Acids Research, 2010, 38, 3477-3488.	6.5	58
935	Prdm16 is required for normal palatogenesis in mice. Human Molecular Genetics, 2010, 19, 774-789.	1.4	122
936	Transforming Growth Factor-β1 Bioassay Involving Matrix Metalloproteinase-2 Induction. Journal of Interferon and Cytokine Research, 2010, 30, 667-672.	0.5	2
937	Transcription Factor Sp1 Expression Is Upregulated in Human Glomerulonephritis: Correlation with pSmad2/3 and p300 Expression and Renal Injury. Renal Failure, 2010, 32, 243-253.	0.8	13
938	Smad3 Regulates Rho Signaling via NET1 in the Transforming Growth Factor-Î ² -induced Epithelial-Mesenchymal Transition of Human Retinal Pigment Epithelial Cells. Journal of Biological Chemistry, 2010, 285, 26618-26627.	1.6	49
939	Dual Roles of Smad Proteins in the Conversion from Myoblasts to Osteoblastic Cells by Bone Morphogenetic Proteins. Journal of Biological Chemistry, 2010, 285, 15577-15586.	1.6	70
940	Prolonged mechanical ventilation with air induces apoptosis and causes failure of alveolar septation and angiogenesis in lungs of newborn mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 298, L23-L35.	1.3	116
941	FoxL2 Is Required for Activin Induction of the Mouse and Human Follicle-Stimulating Hormone β-Subunit Genes. Molecular Endocrinology, 2010, 24, 1037-1051.	3.7	64
942	Tissue engineering of a collagen-based vascular media. Organogenesis, 2010, 6, 204-211.	0.4	8
943	High concentrations of HGF inhibit skeletal muscle satellite cell proliferation in vitro by inducing expression of myostatin: a possible mechanism for reestablishing satellite cell quiescence in vivo. American Journal of Physiology - Cell Physiology, 2010, 298, C465-C476	2.1	86

ARTICLE IF CITATIONS # Anti-MÃ¹/4llerian hormone and polycystic ovary syndrome: a mountain too high?. Reproduction, 2010, 944 1.1 175 139, 825-833. Anti-Müllerian hormone (AMH): Regulator and marker of ovarian function. Annales D'Endocrinologie, 945 2010, 71, 191-197. Expression of the TGF-beta1 system in human testicular pathologies. Reproductive Biology and 946 1.4 31 Endocrinology, 2010, 8, 148. TGFÎ² signaling in the brain increases with aging and signals to astrocytes and innate immune cells in 947 3.1 200 the weeks after stroke. Journal of Neuroinflammation, 2010, 7, 62. Transforming growth factor-Î²1 induces matrix metalloproteinase-9 and cell migration in astrocytes: 948 3.1 155 roles of ROS-dependent ERK- and JNK-NF-IPB pathways. Journal of Neuroinflammation, 2010, 7, 88. Luteolin Ameliorates Experimental Lung Fibrosis Both <i>in Vivo</i> and <i>in Vitro</i>: Implications for Therapy of Lung Fibrosis. Journal of Agricultural and Food Chemistry, 2010, 58, 11653-11661. 949 2.4 Qindan-capsule inhibits proliferation of adventitial fibroblasts and collagen synthesis. Journal of 950 2.0 9 Ethnopharmacology, 2010, 129, 53-58. KIOM-79 prevents xylose-induced lens opacity and inhibits TGF-beta2 in human lens epithelial cells 951 2.0 cultured under high glucose. Journal of Ethnopharmacology, 2010, 130, 599-606. Bipolar properties of red seabream (Pagrus major) transforming growth factor-12 in induction of the 952 20 1.6 leucocytes migration. Fish and Shellfish Immunology, 2010, 28, 695-700. Highly efficient osteogenic differentiation of human mesenchymal stem cells by eradication of STAT3 1.2 signaling. International Journal of Biochemistry and Cell Biology, 2010, 42, 1823-1830. Alpha-lipoic acid inhibits hepatic PAI-1 expression and fibrosis by inhibiting the TGF-Î² signaling pathway. 954 1.0 51 Biochemical and Biophysical Research Communications, 2010, 393, 536-541. Bone morphogenetic protein -7 increases thrombogenicity of lipid-rich atherosclerotic plaques via 0.8 activation of tissue factor. Thrombosis Research, 2010, 126, 306-310. Targeting orphan nuclear receptor SHP in the treatment of metabolic diseases. Expert Opinion on 956 1.5 20 Therapeutic Targets, 2010, 14, 453-466. Notch Signaling in the Regulation of Stem Cell Self-Renewal and Differentiation. Current Topics in Developmental Biology, 2010, 92, 367-409. 1.0 270 The effect of transforming growth factor- $\hat{l}^2 1$ on nasopharyngeal carcinoma cells: insensitive to cell growth but functional to TGF- \hat{l}^2 /Smad pathway. Journal of Experimental and Clinical Cancer Research, 958 3.5 13 2010, 29, 35. Proteomics of Smad4 regulated transforming growth factor-beta signalling in colon cancer cells. 38 Molecular BioSystems, 2010, 6, 2332. Identification of Genes Downstream of Nodal in the Ciona intestinalis Embryo. Zoological Science, 960 0.3 5 2010, 27, 69. NF-ÂB-Mediated Modulation of Inducible Nitric Oxide Synthase Activity Controls Induction of the Epstein-Barr Virus Productive Cycle by Transforming Growth Factor Béta 1. Journal of Virology, 2011, 1.5 85,6502-6512.

#	Article	IF	CITATIONS
962	Signaling Pathways and Axis Formation in the Lower Metazoa. Current Topics in Developmental Biology, 2011, 97, 137-177.	1.0	34
963	Control of the Mesenchymal-Derived Cell Phenotype by Ski and Meox2: A Putative Mechanism for Postdevelopmental Phenoconversion. , 2011, , 29-42.		0
964	Development and progression of colorectal neoplasia. Cancer Biomarkers, 2011, 9, 235-265.	0.8	39
965	Activin in Humoral Immune Responses. Vitamins and Hormones, 2011, 85, 235-253.	0.7	22
966	Defective Myofibroblast Formation from Mesenchymal Stem Cells in the Aging Murine Heart. American Journal of Pathology, 2011, 179, 1792-1806.	1.9	46
967	A Genome-wide Multidimensional RNAi Screen Reveals Pathways Controlling MHC Class II Antigen Presentation. Cell, 2011, 145, 268-283.	13.5	151
968	Smad interacting protein 1 as a regulator of skin fibrosis in pathological scars. Burns, 2011, 37, 665-672.	1.1	32
969	Anti-Müllerian hormone reduces follicle sensitivity to follicle-stimulating hormone in human granulosa cells. Fertility and Sterility, 2011, 96, 1246-1251.e1.	0.5	203
970	The roles of transforming growth factor-β and Smad3 signaling in adipocyte differentiation and obesity. Biochemical and Biophysical Research Communications, 2011, 407, 68-73.	1.0	89
971	TGF-β signals the formation of a unique NF1/Smad4-dependent transcription repressor-complex in human diploid fibroblasts. Biochemical and Biophysical Research Communications, 2011, 411, 648-653.	1.0	7
972	TGF-β and Restenosis Revisited: A Smad Link. Journal of Surgical Research, 2011, 167, 287-297.	0.8	51
973	Estradiol modulates TGF-β1 expression and its signaling pathway in thyroid stromal cells. Molecular and Cellular Endocrinology, 2011, 337, 71-79.	1.6	22
974	A truncated, activin-induced Smad3 isoform acts as a transcriptional repressor of FSHÎ ² expression in mouse pituitary. Molecular and Cellular Endocrinology, 2011, 342, 64-72.	1.6	7
975	Increased expression of TF in BMP-7-treated human mononuclear cells depends on activation of select MAPK signaling pathways. Thrombosis Research, 2011, 128, e154-e159.	0.8	5
976	Mesenchymal Stem Cell-Based Bone Engineering for Bone Regeneration. , 0, , .		5
977	Defective Osteogenic Differentiation in the Development of Osteosarcoma. Sarcoma, 2011, 2011, 1-12.	0.7	76
978	Transforming Growth Factor-Beta Signaling in the Neural Stem Cell Niche: A Therapeutic Target for Huntington's Disease. Neurology Research International, 2011, 2011, 1-13.	0.5	38
979	Loss of Function of E-Cadherin in Embryonic Stem Cells and the Relevance to Models of Tumorigenesis. Journal of Oncology, 2011, 2011, 1-19.	0.6	48

#	Article	IF	CITATIONS
980	Preferential Activation of SMAD1/5/8 on the Fibrosa Endothelium in Calcified Human Aortic Valves - Association with Low BMP Antagonists and SMAD6. PLoS ONE, 2011, 6, e20969.	1.1	67
981	A Novel Mouse Model of Cutaneous Radiation Injury. Plastic and Reconstructive Surgery, 2011, 127, 560-568.	0.7	50
982	Low thrombogenicity of calcified atherosclerotic plaques is associated with bone morphogenetic protein-2-dependent inhibition of tissue factor expression. Blood Coagulation and Fibrinolysis, 2011, 22, 642-650.	0.5	3
983	Smad4 binds Hoxa9 in the cytoplasm and protects primitive hematopoietic cells against nuclear activation by Hoxa9 and leukemia transformation. Blood, 2011, 117, 5918-5930.	0.6	29
984	Development of a Novel Gene Silencer Pyrrole-Imidazole Polyamide Targeting Human Connective Tissue Growth Factor. Biological and Pharmaceutical Bulletin, 2011, 34, 1572-1577.	0.6	1
985	Up-regulation of homeodomain genes, DLX1 and DLX2, by FLT3 signaling. Haematologica, 2011, 96, 820-828.	1.7	19
986	Recurrent copy number gains of ACVR1 and corresponding transcript overexpression are associated with survival in head and neck squamous cell carcinomas. Histopathology, 2011, 59, 81-89.	1.6	6
987	The mechanism of TGFâ€Î² signaling during palate development. Oral Diseases, 2011, 17, 733-744.	1.5	96
988	Identification of p100 target promoters by chromatin immunoprecipitation-guided ligation and selection (ChIP-GLAS). Cellular and Molecular Immunology, 2011, 8, 88-91.	4.8	13
989	TGF-β signalling is mediated by two autonomously functioning TβRI:TβRII pairs. EMBO Journal, 2011, 30, 1263-1276.	3.5	98
990	Moving from the Laboratory Bench to Patients' Bedside: Considerations for Effective Therapy with Stem Cells. Clinical and Translational Science, 2011, 4, 380-386.	1.5	33
991	Initial steps of metastasis: Cell invasion and endothelial transmigration. Mutation Research - Reviews in Mutation Research, 2011, 728, 23-34.	2.4	642
992	Loss of Smad3 gives rise to poor soft callus formation and accelerates early fracture healing. Experimental and Molecular Pathology, 2011, 90, 107-115.	0.9	15
993	Protective effects of Chlorella-derived peptide on UVB-induced production of MMP-1 and degradation of procollagen genes in human skin fibroblasts. Regulatory Toxicology and Pharmacology, 2011, 60, 112-119.	1.3	65
994	Promoting myelin repair and return of function in multiple sclerosis. FEBS Letters, 2011, 585, 3813-3820.	1.3	19
995	Effect of 1,25(OH)2D3 on rat peritoneal mesothelial cells treated with high glucose plus lipopolysaccharide. Cellular Immunology, 2011, 271, 173-179.	1.4	18
996	Targeting Oligodendrocyte Protection and Remyelination in Multiple Sclerosis. Mount Sinai Journal of Medicine, 2011, 78, 244-257.	1.9	16
997	Flow-dependent Smad2 phosphorylation and TGIF nuclear localization in human aortic endothelial cells. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H98-H107.	1.5	18

#	Article	IF	CITATIONS
998	A Functional Study of Transforming Growth Factor-Beta from the Gonad of Pacific Oyster Crassostrea gigas. Marine Biotechnology, 2011, 13, 971-980.	1.1	18
999	From oncoproteins/tumor suppressors to microRNAs, the newest therapeutic targets for pulmonary arterial hypertension. Journal of Molecular Medicine, 2011, 89, 1089-101.	1.7	45
1000	Lung transplantation: infection, inflammation, and the microbiome. Seminars in Immunopathology, 2011, 33, 135-156.	2.8	51
1001	Relationship between Sloan-Kettering virus expression and mouse follicular development. Endocrine, 2011, 40, 187-195.	1.1	7
1002	Deconstructing fibrosis research: do pro-fibrotic signals point the way for chronic dermal wound regeneration?. Journal of Cell Communication and Signaling, 2011, 5, 301-315.	1.8	34
1003	Patterning and Development of the Atrioventricular Canal in Zebrafish. Journal of Cardiovascular Translational Research, 2011, 4, 720-726.	1.1	18
1004	Correlations Between Gene Expression and Mercury Levels in Blood of Boys With and Without Autism. Neurotoxicity Research, 2011, 19, 31-48.	1.3	57
1005	Design of a controlled release system of OP-1 and TGF-β1 based in microparticles of sodium alginate and release characterization by HPLC-UV. In Vitro Cellular and Developmental Biology - Animal, 2011, 47, 681-688.	0.7	10
1006	Quantitative phosphoproteomics of transforming growth factorâ€Î² signaling in colon cancer cells. Proteomics, 2011, 11, 3390-3401.	1.3	24
1007	Mechanisms of transforming growth factor \hat{l}^2 induced cell cycle arrest in palate development. Journal of Cellular Physiology, 2011, 226, 1415-1424.	2.0	44
1008	Generation of a Specific Activin Antagonist by Modification of the Activin A Propeptide. Endocrinology, 2011, 152, 3758-3768.	1.4	23
1009	Highly Specialized Role of Forkhead Box O Transcription Factors in the Immune System. Antioxidants and Redox Signaling, 2011, 14, 663-674.	2.5	73
1010	c-Jun N-Terminal Kinase 1 Promotes Transforming Growth Factor–β1–Induced Epithelial-to-Mesenchymal Transition via Control of Linker Phosphorylation and Transcriptional Activity of Smad3. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 571-581.	1.4	66
1011	1,25-Dihydroxyvitamin D3 Reduces TGF-β3-Induced Fibrosis-Related Gene Expression in Human Uterine Leiomyoma Cells. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E754-E762.	1.8	141
1012	Transforming Growth Factor β-Induced Reactivation of Epstein-Barr Virus Involves Multiple Smad-Binding Elements Cooperatively Activating Expression of the Latent-Lytic Switch <i>BZLF1</i> Gene. Journal of Virology, 2011, 85, 7836-7848.	1.5	36
1013	Fluorofenidone Attenuates Tubulointerstitial Fibrosis by Inhibiting TGF-β1-Induced Fibroblast Activation. American Journal of Nephrology, 2011, 34, 181-194.	1.4	32
1014	Steroidogenic Factor-1 Is Required for TGF-β3-Mediated 17β-Estradiol Synthesis in Mouse Ovarian Granulosa Cells. Endocrinology, 2011, 152, 3213-3225.	1.4	34
1015	Epigenetic control of vascular smooth muscle cells in Marfan and non-Marfan thoracic aortic aneurysms. Cardiovascular Research, 2011, 89, 446-456.	1.8	95

#	Article	IF	CITATIONS
1016	SOX9 Protein Induces a Chondrogenic Phenotype of Mesangial Cells and Contributes to Advanced Diabetic Nephropathy. Journal of Biological Chemistry, 2011, 286, 32162-32169.	1.6	28
1017	dickkopf-3-related Gene Regulates the Expression of Zebrafish myf5 Gene through Phosphorylated p38a-dependent Smad4 Activity. Journal of Biological Chemistry, 2011, 286, 6855-6864.	1.6	17
1018	Tbx20 Transcription Factor Is a Downstream Mediator for Bone Morphogenetic Protein-10 in Regulating Cardiac Ventricular Wall Development and Function. Journal of Biological Chemistry, 2011, 286, 36820-36829.	1.6	47
1019	Caveolin-2 is a negative regulator of anti-proliferative function and signaling of transforming growth factor-β in endothelial cells. American Journal of Physiology - Cell Physiology, 2011, 301, C1161-C1174.	2.1	24
1020	Response gene to complement 32 interacts with Smad3 to promote epithelial-mesenchymal transition of human renal tubular cells. American Journal of Physiology - Cell Physiology, 2011, 300, C1415-C1421.	2.1	33
1021	Smad2 and PEA3 cooperatively regulate transcription of response gene to complement 32 in TGF-β-induced smooth muscle cell differentiation of neural crest cells. American Journal of Physiology - Cell Physiology, 2011, 301, C499-C506.	2.1	20
1022	Nodal induces apoptosis through activation of the ALK7 signaling pathway in pancreatic INS-1 β-cells. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E132-E143.	1.8	24
1023	Genetic deficiency of Smad3 protects the kidneys from atrophy and interstitial fibrosis in 2K1C hypertension. American Journal of Physiology - Renal Physiology, 2012, 302, F1455-F1464.	1.3	50
1024	Intercellular Variation in Signaling through the TGF-β Pathway and Its Relation to Cell Density and Cell Cycle Phase. Molecular and Cellular Proteomics, 2012, 11, M111.013482-1-M111.013482-9.	2.5	24
1025	Gastric tumor development in Smad3-deficient mice initiates from forestomach/glandular transition zone along the lesser curvature. Laboratory Investigation, 2012, 92, 883-895.	1.7	30
1026	Müllerian Inhibiting Substance Recruits ALK3 to Regulate Leydig Cell Differentiation. Endocrinology, 2012, 153, 4929-4937.	1.4	11
1027	Human ovarian cancer stem/progenitor cells are stimulated by doxorubicin but inhibited by Mullerian inhibiting substance. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2358-2363.	3.3	112
1028	Scleraxis Modulates Bone Morphogenetic Protein 4 (BMP4)-Smad1 Protein-Smooth Muscle α-Actin (SMA) Signal Transduction in Diabetic Nephropathy. Journal of Biological Chemistry, 2012, 287, 20430-20442.	1.6	27
1029	Nuclear Smad7 Overexpressed in Mesenchymal Cells Acts as a Transcriptional Corepressor by Interacting with HDAC-1 and E2F to Regulate Cell Cycle. Biology Open, 2012, 1, 247-260.	0.6	14
1030	A transcriptionally active pRb–E2F1–P/CAF signaling pathway is central to TGFβ-mediated apoptosis. Cell Death and Disease, 2012, 3, e407-e407.	2.7	30
1031	Dihydroartemisinin Ameliorates Inflammatory Disease by Its Reciprocal Effects on Th and Regulatory T Cell Function via Modulating the Mammalian Target of Rapamycin Pathway. Journal of Immunology, 2012, 189, 4417-4425.	0.4	96
1032	Mesenchymal Stem Cells as a Potent Cell Source for Bone Regeneration. Stem Cells International, 2012, 2012, 1-9.	1.2	93
	Markers of Inflammation and Fibrosis in Alcoholic Hepatitis and Viral Hepatitis C. International		

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#	Article	IF	CITATIONS
1034	Chemical and semisynthesis of posttranslationally modified proteins. Organic and Biomolecular Chemistry, 2012, 10, 5684.	1.5	62
1035	Regulation of Peroxisome Proliferator–Activated Receptor-γ by Angiotensin II Via Transforming Growth Factor-β1–Activated p38 Mitogen-Activated Protein Kinase in Aortic Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 397-405.	1.1	30
1036	Inhibitors/antagonists of TGF-Â system in kidney fibrosis. Nephrology Dialysis Transplantation, 2012, 27, 3686-3691.	0.4	81
1037	Mechanosignaling pathways in cutaneous scarring. Archives of Dermatological Research, 2012, 304, 589-597.	1.1	78
1038	CREBZF, a novel Smad8-binding protein. Molecular and Cellular Biochemistry, 2012, 368, 147-153.	1.4	10
1039	Nâ€ŧerminal tyrosine phosphorylation of caveolinâ€2 negates antiâ€proliferative effect of transforming growth factor beta in endothelial cells. FEBS Letters, 2012, 586, 3317-3323.	1.3	6
1040	TGF-β Signaling via TAK1 Pathway: Role in Kidney Fibrosis. Seminars in Nephrology, 2012, 32, 244-252.	0.6	112
1041	BMP-2 inhibits TF expression in human monocytes by shutting down MAPK signaling and AP-1 transcriptional activity. Thrombosis Research, 2012, 129, e106-e111.	0.8	9
1042	TGF-β Promotes Proliferation of Thyroid Epithelial Cells in IFN-γâ^'/â^' Mice by Down-Regulation of p21 and p27 via AKT Pathway. American Journal of Pathology, 2012, 180, 650-660.	1.9	31
1043	The Critical Role of TAK1 in Accentuated Epithelial to Mesenchymal Transition in Obliterative Bronchiolitis after Lung Transplantation. American Journal of Pathology, 2012, 180, 2293-2308.	1.9	26
1044	MicroRNAâ€100 regulates osteogenic differentiation of human adiposeâ€derived mesenchymal stem cells by targeting BMPR2. FEBS Letters, 2012, 586, 2375-2381.	1.3	132
1045	Effect of tetrandrine on the TGF-β-induced smad signal transduction pathway in human hypertrophic scar fibroblasts in vitro. Burns, 2012, 38, 404-413.	1.1	36
1046	Transforming growth factorâ€Î² activates câ€Myc to promote palatal growth. Journal of Cellular Biochemistry, 2012, 113, 3069-3085.	1.2	26
1047	Transforming growth factor β1-induced astrocyte migration is mediated in part by activating 5-lipoxygenase and cysteinyl leukotriene receptor 1. Journal of Neuroinflammation, 2012, 9, 145.	3.1	36
1048	Fibroproliferative Disorders and Their Mechanobiology. Connective Tissue Research, 2012, 53, 187-196.	1.1	79
1049	Current Thoughts on the Therapeutic Potential of Stem Cell. Methods in Molecular Biology, 2012, 879, 3-26.	0.4	5
1050	Regulation of cnidarian–dinoflagellate mutualisms: Evidence that activation of a host TGFβ innate immune pathway promotes tolerance of the symbiont. Developmental and Comparative Immunology, 2012, 38, 525-537.	1.0	79
1051	Wound Modulation After Filtration Surgery. Survey of Ophthalmology, 2012, 57, 530-550.	1.7	124

#	Article	IF	CITATIONS
1052	TGF-β-activated kinase-1: New insights into the mechanism of TGF-β signaling and kidney disease. Kidney Research and Clinical Practice, 2012, 31, 94-105.	0.9	68
1053	Structure of the Alk1 Extracellular Domain and Characterization of Its Bone Morphogenetic Protein (BMP) Binding Properties. Biochemistry, 2012, 51, 6328-6341.	1.2	35
1054	Sugar, Sex, and TGF-Î ² in Diabetic Nephropathy. Seminars in Nephrology, 2012, 32, 261-268.	0.6	31
1055	Anti-Müllerian hormone: an ovarian reserve marker in primary ovarian insufficiency. Nature Reviews Endocrinology, 2012, 8, 331-341.	4.3	210
1056	Control of Drosha-Mediated MicroRNA Maturation by Smad Proteins. The Enzymes, 2012, 32, 123-136.	0.7	3
1057	Bmp7 Regulates the Survival, Proliferation, and Neurogenic Properties of Neural Progenitor Cells during Corticogenesis in the Mouse. PLoS ONE, 2012, 7, e34088.	1.1	73
1058	BRITER: A BMP Responsive Osteoblast Reporter Cell Line. PLoS ONE, 2012, 7, e37134.	1.1	29
1059	A Phosphoproteomic Approach towards the Understanding of the Role of TGF-Î ² in Trypanosoma cruzi Biology. PLoS ONE, 2012, 7, e38736.	1.1	8
1060	Molecular Characterization of TGF-β Type I Receptor Gene (Tgfbr1) in Chlamys farreri, and the Association of Allelic Variants with Growth Traits. PLoS ONE, 2012, 7, e51005.	1.1	28
1061	The Dual Role of TGFÎ ² in Human Cancer: From Tumor Suppression to Cancer Metastasis. , 2012, 2012, 1-28.		275
1062	Tuning the Orchestra: Transcriptional Pathways Controlling Axon Regeneration. Frontiers in Molecular Neuroscience, 2011, 4, 60.	1.4	68
1063	Signaling Mechanisms of Transforming Growth Factor-β (TGF-β) in Cancer: TGF-β Induces Apoptosis in Lung Cells by a Smad-Dependent Mechanism. , 0, , .		1
1064	Role and Function of Wnts in the Regulation of Myogenesis: When Wnt Meets Myostatin. , 0, , .		4
1065	Diverse roles of TGFâ€Î² receptor II in renal fibrosis and inflammation <i>in vivo</i> and <i>in vitro</i> . Journal of Pathology, 2012, 227, 175-188.	2.1	128
1066	Alterations in the Smad pathway in human cancers. Frontiers in Bioscience - Landmark, 2012, 17, 1281.	3.0	74
1067	c-Myc expression and MEK1-induced Erk2 nuclear localization are required for TGF-beta induced epithelial–mesenchymal transition and invasion in prostate cancer. Carcinogenesis, 2012, 33, 1965-1975.	1.3	50
1068	Bloodâ€brain barrier dysfunction, TGFβ signaling, and astrocyte dysfunction in epilepsy. Glia, 2012, 60, 1251-1257.	2.5	210
1069	Towards Alzheimer's root cause: ECSIT as an integrating hub between oxidative stress, inflammation and mitochondrial dysfunction. BioEssays, 2012, 34, 532-541.	1.2	43

	CHATION	KEPORT	
# 1070	ARTICLE Adipogenesis: From Stem Cell to Adipocyte. Annual Review of Biochemistry, 2012, 81, 715-736.	IF 5.0	Citations
1071	Role of the ubiquitin ligase Fbw7 in cancer progression. Cancer and Metastasis Reviews, 2012, 31, 75-87.	2.7	93
1072	BRCA1-mediated signaling pathways in ovarian carcinogenesis. Functional and Integrative Genomics, 2012, 12, 63-79.	1.4	7
1073	Sulfated hyaluronan and chondroitin sulfate derivatives interact differently with human transforming growth factor-β1 (TGF-β1). Acta Biomaterialia, 2012, 8, 2144-2152.	4.1	108
1074	Molecular switches in animal cells. FEBS Letters, 2012, 586, 2084-2096.	1.3	35
1075	Promiscuity and specificity in BMP receptor activation. FEBS Letters, 2012, 586, 1846-1859.	1.3	252
1076	BMP signaling in vascular diseases. FEBS Letters, 2012, 586, 1993-2002.	1.3	236
1077	Structural studies of the TGFâ€Î²s and their receptors – insights into evolution of the TGFâ€Î² superfamily. FEBS Letters, 2012, 586, 1860-1870.	1.3	185
1078	Association between the ATF3 gene and nonâ€small cell lung cancer. Thoracic Cancer, 2012, 3, 217-223.	0.8	10
1079	FK506 inhibits the enhancing effects of transforming growth factor (TGF)-β1 on collagen expression and TGF-β/Smad signalling in keloid fibroblasts: implication for new therapeutic approach. British Journal of Dermatology, 2012, 167, 532-541.	1.4	52
1080	Transforming growth factorâ€Î²/ <scp>S</scp> mad signalling in diabetic nephropathy. Clinical and Experimental Pharmacology and Physiology, 2012, 39, 731-738.	0.9	138
1081	Regulation of TGF-β signaling by PKC depends on Tsc-22 inducibility. Molecular and Cellular Biochemistry, 2012, 360, 47-50.	1.4	5
1082	Mechanisms and consequences of TGF-ß overexpression by podocytes in progressive podocyte disease. Cell and Tissue Research, 2012, 347, 129-140.	1.5	81
1083	Transforming growth factor-Î ² signaling in tumor initiation, progression and therapy in breast cancer: an update. Cell and Tissue Research, 2012, 347, 73-84.	1.5	46
1084	Hamartomatous polyposis syndromes. Hereditary Cancer in Clinical Practice, 2013, 11, 4.	0.6	19
1085	BMP-Smad 1/5/8 signalling in the development of the nervous system. Progress in Neurobiology, 2013, 109, 28-41.	2.8	137
1086	Inhibition of apelin expression switches endothelial cells from proliferative to mature state in pathological retinal angiogenesis. Angiogenesis, 2013, 16, 723-734.	3.7	45
1087	Activation and function of TGFÎ ² signalling during Drosophila wing development and its interactions with the BMP pathway. Developmental Biology, 2013, 377, 138-153.	0.9	30

#	Article	IF	CITATIONS
1088	X-linked intellectual disability gene CUL4B targets Jab1/CSN5 for degradation and regulates bone morphogenetic protein signaling. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 595-605.	1.8	18
1089	TGF-β1-induced epithelial–mesenchymal transition and acetylation of Smad2 and Smad3 are negatively regulated by EGCG in Human A549 lung cancer cells. Cancer Letters, 2013, 335, 205-213.	3.2	106
1090	The Groucho protein Grg4 suppresses Smad7 to activate BMP signaling. Biochemical and Biophysical Research Communications, 2013, 440, 454-459.	1.0	6
1091	Enhanceosomes as integrators of hypoxia inducible factor (HIF) and other transcription factors in the hypoxic transcriptional response. Cellular Signalling, 2013, 25, 1895-1903.	1.7	79
1092	14-3-3 Ï f is a new target up-regulated by transforming growth factor-Î ² 1 through a Smad3-dependent mechanism. Biochemical and Biophysical Research Communications, 2013, 432, 193-197.	1.0	5
1093	Cyclin D1 cooperates with p21 to regulate TGFβ-mediated breast cancer cell migration and tumor local invasion. Breast Cancer Research, 2013, 15, R49.	2.2	92
1094	Thalidomide inhibits fibronectin production in TGF-β1-treated normal and keloid fibroblasts via inhibition of the p38/Smad3 pathway. Biochemical Pharmacology, 2013, 85, 1594-1602.	2.0	41
1095	Endogenous transforming growth factorâ€beta promotes quiescence of primary microglia in vitro. Glia, 2013, 61, 287-300.	2.5	84
1096	Angiopoietin-like protein 2, a chronic inflammatory mediator, is a new target induced by TGF-β1 through a Smad3-dependent mechanism. Biochemical and Biophysical Research Communications, 2013, 430, 981-986.	1.0	22
1097	Keloid pathogenesis via Drosophila similar to mothers against decapentaplegic (SMAD) signaling in a primary epithelial–mesenchymal in vitro model treated with biomedical-grade chitosan porous skin regenerating template. Journal of Bioscience and Bioengineering, 2013, 115, 453-458.	1.1	10
1098	The TGFβ1 pathway is required for NFκB dependent gene expression in mouse keratinocytes. Cytokine, 2013, 64, 652-659.	1.4	25
1099	TGF-β Antagonists: Same Knot, but Different Hold. Structure, 2013, 21, 1269-1270.	1.6	7
1100	The effect of TLR4/7 on the TGF-β-induced Smad signal transduction pathway in human keloid. Burns, 2013, 39, 465-472.	1.1	28
1101	Life's timekeeper. Ageing Research Reviews, 2013, 12, 567-578.	5.0	4
1102	Apicobasal polarity and neural tube closure. Development Growth and Differentiation, 2013, 55, 164-172.	0.6	22
1103	TGF-β family signaling in stem cells. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 2280-2296.	1.1	134
1104	<scp>Smad7</scp> gene transfer attenuates angiogenesis in peritoneal dialysis rats. Nephrology, 2013, 18, 138-147.	0.7	17
1105	TGF Beta Signaling and Its Role in Glioma Pathogenesis. Advances in Experimental Medicine and Biology, 2013, 986, 171-187.	0.8	113

#	Article	IF	CITATIONS
1106	Micro <scp>RNA</scp> s play a central role in molecular dysfunctions linking inflammation with cancer. Immunological Reviews, 2013, 253, 167-184.	2.8	189
1107	Role of the TGF-β/BMP-7/Smad pathways in renal diseases. Clinical Science, 2013, 124, 243-254.	1.8	311
1108	Mechanisms of regulatory T cell counter-regulation by innate immunity. Transplantation Reviews, 2013, 27, 61-64.	1.2	8
1109	BMP signaling in development and diseases: A pharmacological perspective. Biochemical Pharmacology, 2013, 85, 857-864.	2.0	86
1110	Increased Muscle Force Production and Bone Mineral Density in ActRIIB-Fc-Treated Mature Rodents. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2013, 68, 1181-1192.	1.7	61
1111	Tumor Necrosis Factorâ€Î± Inhibits Transforming Growth Factorâ€Î²â€"Stimulated Myofibroblastic Differentiation and Extracellular Matrix Production in Human Gingival Fibroblasts. Journal of Periodontology, 2013, 84, 683-693.	1.7	34
1112	Activation of Smadâ€nediated TGFâ€Î² signaling triggers epithelial–mesenchymal transitions in murine cloned corneal progenitor cells. Journal of Cellular Physiology, 2013, 228, 225-234.	2.0	25
1113	The Spalt transcription factors regulate cell proliferation, survival and epithelial integrity downstream of the Decapentaplegic signalling pathway. Biology Open, 2013, 2, 37-48.	0.6	27
1114	Homeobox gene transforming growth factor β-induced factor-1 (TGIF-1) is a regulator of villous trophoblast differentiation and its expression is increased in human idiopathic fetal growth restriction. Molecular Human Reproduction, 2013, 19, 665-675.	1.3	23
1115	Modifications of Chromatin Dynamics Control Smad2 Pathway Activation in Aneurysmal Smooth Muscle Cells. Circulation Research, 2013, 113, 881-890.	2.0	38
1116	Dendrite Complexity of Sympathetic Neurons Is Controlled during Postnatal Development by BMP Signaling. Journal of Neuroscience, 2013, 33, 15132-15144.	1.7	22
1117	TNF-α impairs differentiation and function of TGF-β-induced Treg cells in autoimmune diseases through Akt and Smad3 signaling pathway. Journal of Molecular Cell Biology, 2013, 5, 85-98.	1.5	82
1118	1,25-Dihydroxyvitamin D3 Reduces Extracellular Matrix-Associated Protein Expression in Human Uterine Fibroid Cells1. Biology of Reproduction, 2013, 89, 150.	1.2	84
1119	Pharmacological treatment for keloids. Expert Opinion on Pharmacotherapy, 2013, 14, 2087-2100.	0.9	29
1120	Attenuation of Smad2 activity shows resistance to TGFâ€Î² signalling in mammary adenocarcinoma (MCFâ€7) cells. Cell Biology International, 2013, 37, 449-457.	1.4	5
1121	The effects of qindan-capsule-containing serum on the TGF-β1/ERK signaling pathway, matrix metalloproteinase synthesis and cell function in adventitial fibroblasts. Pharmaceutical Biology, 2013, 51, 712-721.	1.3	10
1122	Dentin Phosphophoryn Activates Smad Protein Signaling through Ca2+-Calmodulin-dependent Protein Kinase II in Undifferentiated Mesenchymal Cells. Journal of Biological Chemistry, 2013, 288, 8585-8595.	1.6	18
1123	TGF-β1 regulates cell fate during epithelial–mesenchymal transition by upregulating survivin. Cell Death and Disease, 2013, 4, e714-e714.	2.7	72

ARTICLE IF CITATIONS miR-200b inhibits TGF-121-induced epithelial-mesenchymal transition and promotes growth of intestinal 1124 2.7 112 epithelial cells. Cell Death and Disease, 2013, 4, e541-e541. Forgetting to Switch Off SMAD2 in Aneurysmal Disease. Circulation Research, 2013, 113, 843-845. Systemic administration of Follistatin288 increases muscle mass and reduces fat accumulation in 1126 22 1.6 mice. Scientific Reports, 2013, 3, 2441. GLUT1 Regulation of the Pro-Sclerotic Mediators of Diabetic Nephropathy. American Journal of Nephrology, 2013, 38, 39-49. Galectin-9 promotes TGF-121-dependent induction of regulatory T cells via the TGF-12/Smad signaling 1128 1.1 42 pathway. Molecular Medicine Reports, 2013, 7, 205-210. Involvement of TGFÂ1 in autocrine regulation of proplatelet formation in healthy subjects and patients with primary myelofibrosis. Haematologica, 2013, 98, 514-517. 1.7 High-power femtosecond-terahertz pulse induces a wound response in mouse skin. Scientific Reports, 2013, 3, 2296. 1130 1.6 37 BMP signaling in mesenchymal stem cell differentiation and bone formation. Journal of Biomedical 0.2 227 Science and Engineering, 2013, 06, 32-52. Together and apart: inhibition of DNA synthesis by connexin-43 and its relationship to transforming 1132 1.6 3 growth factor l². Frontiers in Pharmacology, 2013, 4, 90. Dense Genotyping of Immune-Related Loci Identifies Variants Associated with Clearance of HPV among 1.1 HIV-Positive Women in the HIV Epidemiology Research Study (HERS). PLoS ONE, 2014, 9, e99109. Transforming Growth Factor-Î²1 Signaling Represses Testicular Steroidogenesis through Cross-Talk 1134 1.1 14 with Orphan Nuclear Receptor Nur77. PLoS ONE, 2014, 9, e104812. SMAD4 Regulates Cell Motility through Transcription of N-Cadherin in Human Pancreatic Ductal 1.1 Epithelium. PLoS ONE, 2014, 9, e107948. The Role of Transforming Growth Factor-Beta in Diabetic Nephropathy. International Journal of 1136 0.6 25 Medical Genetics, 2014, 2014, 1-6. Contrasting Roles of Different Endoglin Forms in Atherosclerosis. Immune Network, 2014, 14, 237. 1.6 Hyperglycemia to Nephropathy via Transforming Growth Factor Beta. Current Diabetes Reviews, 2014, 1138 0.6 47 10, 182-189. Perspectives of TGF- $\hat{1}^2$ inhibition in pancreatic and hepatocellular carcinomas. Oncotarget, 2014, 5, 78-94. TGFÎ² signaling inhibits goblet cell differentiation via SPDEF in conjunctival epithelium. Development 1140 1.2 40 (Cambridge), 2014, 141, 4628-4639. 1141 Can Vitamin D Reduce the Risk of Uterine Fibroids?. Women's Health, 2014, 10, 353-358.

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#	Article	IF	CITATIONS
1142	Identification and characterization of functional Smad8 and Smad4 homologues from Echinococcus granulosus. Parasitology Research, 2014, 113, 3745-3757.	0.6	9
1143	Matrilin-3 Inhibits Chondrocyte Hypertrophy as a Bone Morphogenetic Protein-2 Antagonist. Journal of Biological Chemistry, 2014, 289, 34768-34779.	1.6	46
1144	Oncogenic PAK4 regulates Smad2/3 axis involving gastric tumorigenesis. Oncogene, 2014, 33, 3473-3484.	2.6	49
1145	The Self-Limiting Dynamics of TGF-Î ² Signaling In Silico and In Vitro, with Negative Feedback through PPM1A Upregulation. PLoS Computational Biology, 2014, 10, e1003573.	1.5	11
1146	Renal Biopsy: Use of Biomarkers as a Tool for the Diagnosis of Focal Segmental Glomerulosclerosis. Disease Markers, 2014, 2014, 1-11.	0.6	6
1147	Central Role of the PPARÎ ³ Gene Network in Coordinating Beef Cattle Intramuscular Adipogenesis in Response to Weaning Age and Nutrition. Gene Regulation and Systems Biology, 2014, 8, GRSB.S11782.	2.3	40
1148	Effect of Smad pathway activation on podocyte cell cycle regulation: an immunohistochemical evaluation. Renal Failure, 2014, 36, 1310-1316.	0.8	4
1149	Type 3 Deiodinase: Role in Cancer Growth, Stemness, and Metabolism. Frontiers in Endocrinology, 2014, 5, 215.	1.5	38
1150	Syncrip/hnRNP Q influences synaptic transmission and regulates BMP signaling at the <i>Drosophila</i> neuromuscular synapse. Biology Open, 2014, 3, 839-849.	0.6	30
1151	Addressing Psychosocial Issues that Impact Women's Health: Proceedings of the 2014 Meeting of the North American Society for Psychosocial Obstetrics & Gynecology. Women's Health, 2014, 10, 349-351.	0.7	0
1152	Assessment of goat activin receptor type IIB knockdown by short hairpin RNAsin vitro. Journal of Receptor and Signal Transduction Research, 2014, 34, 506-512.	1.3	3
1153	Transcriptional regulation of STAT3 by SPTBN1 and SMAD3 in HCC through cAMP-response element-binding proteins ATF3 and CREB2. Carcinogenesis, 2014, 35, 2393-2403.	1.3	34
1154	Advances in the Use of Growth Factors for Treatment of Disorders of Soft Tissues. Advances in Experimental Medicine and Biology, 2014, 802, 59-76.	0.8	28
1155	Actions and Interactions of Alcohol and Transforming Growth Factor <i>β</i> 1 on Prepubertal Hypothalamic Gonadotropinâ€Releasing Hormone. Alcoholism: Clinical and Experimental Research, 2014, 38, 1321-1329.	1.4	11
1156	Evodiamine might inhibit TGFâ€beta1â€induced epithelial–mesenchymal transition in NRK52E cells via Smad and PPARâ€gamma pathway. Cell Biology International, 2014, 38, 875-880.	1.4	24
1157	Transforming Growth Factor Beta 1 Activation, Storage, and Signaling Pathways in Idiopathic Pulmonary Fibrosis in Dogs. Journal of Veterinary Internal Medicine, 2014, 28, 1666-1675.	0.6	24
1158	Time-resolved dissection of early phosphoproteome and ensuing proteome changes in response to TGF-β. Science Signaling, 2014, 7, rs5.	1.6	39
1159	Nuclear factor <scp>I</scp> â€ <scp>C</scp> expression pattern in developing teeth and its important role in odontogenic differentiation of human molar stem cells from the apical papilla. European Journal of Oral Sciences, 2014, 122, 382-390.	0.7	15

		CITATION RE	PORT	
#	Article		IF	CITATIONS
1160	Cardiovascular biomaterials: when the inflammatory response helps to efficiently restor functionality?. Journal of Tissue Engineering and Regenerative Medicine, 2014, 8, 253-	re tissue 267.	1.3	29
1161	Crosstalk between tyrosine kinase receptors, GSK3 and BMP2 signaling during osteob differentiation of human mesenchymal stem cells. Molecular and Cellular Endocrinolog 120-130.	astic y, 2014, 382,	1.6	31
1162	The suppressive effects of gx-50 on Aβ-induced chemotactic migration of microglia. In Immunopharmacology, 2014, 19, 283-289.	ternational	1.7	14
1163	Heat shock proteins in fibrosis and wound healing: Good or evil?. , 2014, 143, 119-132	÷		78
1164	Role of anti-Müllerian hormone and bone morphogenetic proteins in the regulation of Molecular and Cellular Endocrinology, 2014, 382, 460-465.	of FSH sensitivity.	1.6	61
1165	Roles for the TGFÎ ² Superfamily in the Development and Survival of Midbrain Dopamin Molecular Neurobiology, 2014, 50, 559-573.	ergic Neurons.	1.9	32
1166	Cytokines in ovarian folliculogenesis, oocyte maturation and luteinisation. Molecular R and Development, 2014, 81, 284-314.	eproduction	1.0	152
1167	Aberrant GDF9 Expression and Activation Are Associated With Common Human Ovaria Journal of Clinical Endocrinology and Metabolism, 2014, 99, E615-E624.	an Disorders.	1.8	29
1168	Astrocytic transforming growth factor-beta signaling reduces subacute neuroinflamma stroke in mice. Glia, 2014, 62, 1227-1240.	ition after	2.5	160
1169	A potential wound healing-promoting peptide from frog skin. International Journal of B and Cell Biology, 2014, 49, 32-41.	iochemistry	1.2	58
1170	<scp>TMEPAI</scp> / <scp>PMEPA</scp> 1 enhances tumorigenic activities in lung can Science, 2014, 105, 334-341.	cer cells. Cancer	1.7	54
1171	miR-656 inhibits glioma tumorigenesis through repression of BMPR1A. Carcinogenesis 1698-1706.	, 2014, 35,	1.3	41
1172	Elevated expression of activins promotes muscle wasting and cachexia. FASEB Journal, 1711-1723.	2014, 28,	0.2	163
1173	Novel bone morphogenetic protein signaling through Smad2 and Smad3 to regulate c progression and development. FASEB Journal, 2014, 28, 1248-1267.	ancer	0.2	80
1174	Sox5 Is a DNA-Binding Cofactor for BMP R-Smads that Directs Target Specificity during the Early Ectoderm. Developmental Cell, 2014, 31, 374-382.	g Patterning of	3.1	32
1175	LPS antagonism of TGF $\hat{e}\hat{t}^2$ signaling results in prolonged survival and activation of rat microglia. Journal of Neurochemistry, 2014, 129, 155-168.	primary	2.1	31
1176	Downregulation of Sox9 Expression Associates with Hepatogenic Differentiation of Hu Mesenchymal Stem/Progenitor Cells. Stem Cells and Development, 2014, 23, 1377-13	man Liver 91.	1.1	28
1177	The structure, function and evolution of proteins that bind DNA and RNA. Nature Revie Cell Biology, 2014, 15, 749-760.	ws Molecular	16.1	286

#	Article	IF	CITATIONS
1178	Inhibition of endothelial ERK signalling by Smad1/5 is essential for haematopoietic stem cell emergence. Nature Communications, 2014, 5, 3431.	5.8	40
1179	The epithelial mesenchymal transition process may contribute to the pathogenesis of amniotic band syndrome. Medical Hypotheses, 2014, 83, 306-311.	0.8	9
1180	NFkappaB activation is essential for miR-21 induction by TGFβ1 in high glucose conditions. Biochemical and Biophysical Research Communications, 2014, 451, 615-621.	1.0	43
1181	0335: Reduced scar maturation and contractility lead to exaggerated left ventricular dilation after myocardial infarction in mice lacking AMPKα1. Archives of Cardiovascular Diseases Supplements, 2014, 6, 58.	0.0	0
1182	The growing landscape of lysine acetylation links metabolism and cell signalling. Nature Reviews Molecular Cell Biology, 2014, 15, 536-550.	16.1	1,153
1183	Synchronous alteration pattern between serine-threonine kinase receptor-associated protein and Smad7 in pilocarpine-induced rats of epilepsy. Synapse, 2014, 68, 275-282.	0.6	2
1184	Molecular aspects of development and regulation of endometriosis. Reproductive Biology and Endocrinology, 2014, 12, 50.	1.4	85
1185	Cloning and expression patterns of two Smad genes during embryonic development and shell formation of the Pacific oyster Crassostrea gigas. Chinese Journal of Oceanology and Limnology, 2014, 32, 1224-1231.	0.7	9
1186	Perturbation of specific pro-mineralizing signalling pathways in human and murine pseudoxanthoma elasticum. Orphanet Journal of Rare Diseases, 2014, 9, 66.	1.2	35
1187	Transcriptional Factors Smad1 and Smad9 Act Redundantly to Mediate Zebrafish Ventral Specification Downstream of Smad5. Journal of Biological Chemistry, 2014, 289, 6604-6618.	1.6	30
1188	TGF-β/NF1/Smad4-mediated suppression of ANT2 contributes to oxidative stress in cellular senescence. Cellular Signalling, 2014, 26, 2903-2911.	1.7	42
1189	Antifibrotic properties of epigallocatechin-3-gallate in endometriosis. Human Reproduction, 2014, 29, 1677-1687.	0.4	66
1190	Reduced scar maturation and contractility lead to exaggerated left ventricular dilation after myocardial infarction in mice lacking AMPKα1. Journal of Molecular and Cellular Cardiology, 2014, 74, 32-43.	0.9	52
1191	Non-classical mechanisms of transcriptional regulation by the vitamin D receptor: Insights into calcium homeostasis, immune system regulation and cancer chemoprevention. Journal of Steroid Biochemistry and Molecular Biology, 2014, 144, 74-80.	1.2	46
1192	Failure of Tooth Formation Mediated by miR-135a Overexpression <i>via</i> BMP Signaling. Journal of Dental Research, 2014, 93, 571-575.	2.5	22
1193	Expression level of sonic hedgehog correlated with the speed of gastric mucosa regeneration in artificial gastric ulcers. Journal of Gastroenterology and Hepatology (Australia), 2014, 29, 736-741.	1.4	11
1194	Targeting Smad2 and Smad3 by miR-136 Suppresses Metastasis-Associated Traits of Lung Adenocarcinoma Cells. Oncology Research, 2014, 21, 345-352.	0.6	38
1195	State of the art paper Juvenile polyposis syndrome. Archives of Medical Science, 2014, 3, 570-577.	0.4	32

#	Article	IF	CITATIONS
1196	BMP signaling balances murine myeloid potential through SMAD-independent p38MAPK and NOTCH pathways. Blood, 2014, 124, 393-402.	0.6	14
1197	MicroRNA-21 inhibits SMAD7 expression through a target sequence in the 3′ untranslated region and inhibits proliferation of renal tubular epithelial cells. Molecular Medicine Reports, 2014, 10, 707-712.	1.1	47
1198	TGF-β1 induces the formation of vascular-like structures in embryoid bodies derived from human embryonic stem cells. Experimental and Therapeutic Medicine, 2014, 8, 52-58.	0.8	7
1199	Smadâ€induced alterations of matrix metabolism by a myristoyl tetra peptide. Cell Biochemistry and Function, 2014, 32, 665-674.	1.4	8
1200	Regulators and effectors of bone morphogenetic protein signalling in the cardiovascular system. Journal of Physiology, 2015, 593, 2995-3011.	1.3	23
1201	Transforming growth factor-β1 induces type II collagen and aggrecan expression via activation of extracellular signal-regulated kinase 1/2 and Smad2/3 signaling pathways. Molecular Medicine Reports, 2015, 12, 5573-5579.	1.1	46
1202	Novel Function of Rev-erbî \pm in Promoting Brown Adipogenesis. Scientific Reports, 2015, 5, 11239.	1.6	43
1203	Astragaloside IV controls collagen reduction in photoaging skin by improving transforming growth factor-l²/Smad signaling suppression and inhibiting matrix metalloproteinase-1. Molecular Medicine Reports, 2015, 11, 3344-3348.	1.1	42
1204	Intracellular Protein Shuttling: A Mechanism Relevant for Myelin Repair in Multiple Sclerosis?. International Journal of Molecular Sciences, 2015, 16, 15057-15085.	1.8	10
1205	Early Development of Epidermis and Neural Tissue. , 2015, , 189-201.		Ο
1206	TGF-β/Smad signaling in renal fibrosis. Frontiers in Physiology, 2015, 6, 82.	1.3	541
1207	HIPK2 is a new drug target for anti-fibrosis therapy in kidney disease. Frontiers in Physiology, 2015, 6, 132.	1.3	21
1208	PI3K/mTORC2 regulates TGF-β/Activin signalling by modulating Smad2/3 activity via linker phosphorylation. Nature Communications, 2015, 6, 7212.	5.8	78
1209	Occupancy by key transcription factors is a more accurate predictor of enhancer activity than histone modifications or chromatin accessibility. Epigenetics and Chromatin, 2015, 8, 16.	1.8	100
1210	Activin receptor signaling regulates cocaine-primed behavioral and morphological plasticity. Nature Neuroscience, 2015, 18, 959-961.	7.1	49
1211	Activin A, B and AB decrease progesterone production by down-regulating StAR in human granulosa cells. Molecular and Cellular Endocrinology, 2015, 412, 290-301.	1.6	39
1212	The adipocyte clock controls brown adipogenesis via TGF-β/BMP signaling pathway. Journal of Cell Science, 2015, 128, 1835-47.	1.2	63
1213	DPY-17 and MUA-3 Interact for Connective Tissue-Like Tissue Integrity in <i>Caenorhabditis elegans</i> : A Model for Marfan Syndrome. G3: Genes, Genomes, Genetics, 2015, 5, 1371-1378.	0.8	7

#	Article	IF	CITATIONS
1214	MicroRNAs: new Players in Cancer Prevention Targeting Nrf2, Oxidative Stress and Inflammatory Pathways. Current Pharmacology Reports, 2015, 1, 21-30.	1.5	39
1215	TRAF6 promotes TGFβ-induced invasion and cell-cycle regulation via Lys63-linked polyubiquitination of Lys178 in TGFβ type I receptor. Cell Cycle, 2015, 14, 554-565.	1.3	44
1216	Nanofibrous Hydrogels with Spatially Patterned Biochemical Signals to Control Cell Behavior. Advanced Materials, 2015, 27, 1356-1362.	11.1	153
1217	Cell-based bone regeneration for alveolar ridge augmentation – Cell source, endogenous cell recruitment and immunomodulatory function. Journal of Prosthodontic Research, 2015, 59, 96-112.	1.1	28
1218	A novel SMAD family protein, SMAD9 is involved in follicular initiation and changes egg yield of geese via synonymous mutations in exon1 and intron2. Molecular Biology Reports, 2015, 42, 289-302.	1.0	7
1219	SMAD3 and SP1/SP3 Transcription Factors Collaborate to Regulate Connective Tissue Growth Factor Gene Expression in Myoblasts in Response to Transforming Growth Factor β. Journal of Cellular Biochemistry, 2015, 116, 1880-1887.	1.2	22
1220	Gene set enrichment analysis of pathways and transcription factors associated with diabetic retinopathy using a microarray dataset. International Journal of Molecular Medicine, 2015, 36, 103-112.	1.8	14
1221	Nerve growth factor exposure promotes tubular epithelial–mesenchymal transition <i>via</i> TCF- β 1 signaling activation. Growth Factors, 2015, 33, 169-180.	0.5	13
1222	FAT1 cadherin acts upstream of Hippo signalling through TAZ to regulate neuronal differentiation. Cellular and Molecular Life Sciences, 2015, 72, 4653-4669.	2.4	35
1223	Small Heat Shock Proteins and Fibrosis. Heat Shock Proteins, 2015, , 315-334.	0.2	1
1223 1224	Small Heat Shock Proteins and Fibrosis. Heat Shock Proteins, 2015, , 315-334. RNA interference-mediated knockdown of Smad1 inhibits receptor activator of nuclear factor κB ligand expression induced by BMP-2 in primary osteoblasts. Archives of Oral Biology, 2015, 60, 1319-1326.	0.2	1
	RNA interference-mediated knockdown of Smad1 inhibits receptor activator of nuclear factor κB ligand		
1224	RNA interference-mediated knockdown of Smad1 inhibits receptor activator of nuclear factor Î [®] B ligand expression induced by BMP-2 in primary osteoblasts. Archives of Oral Biology, 2015, 60, 1319-1326. BRCA1 regulates transforming growth factorâ€Î ² (TGFâ€Î ² 1) signaling through Gadd45a by enhancing the	0.8	4
1224 1225	RNA interference-mediated knockdown of Smad1 inhibits receptor activator of nuclear factor κB ligand expression induced by BMP-2 in primary osteoblasts. Archives of Oral Biology, 2015, 60, 1319-1326. BRCA1 regulates transforming growth factorâ€Î² (TGFâ€Î²1) signaling through Gadd45a by enhancing the protein stability of Smad4. Molecular Oncology, 2015, 9, 1655-1666.	0.8 2.1	4
1224 1225 1226	RNA interference-mediated knockdown of Smad1 inhibits receptor activator of nuclear factor κB ligand expression induced by BMP-2 in primary osteoblasts. Archives of Oral Biology, 2015, 60, 1319-1326. BRCA1 regulates transforming growth factorâ€î² (TCFâ€î²1) signaling through Gadd45a by enhancing the protein stability of Smad4. Molecular Oncology, 2015, 9, 1655-1666. Regulation of dendrite morphogenesis by extrinsic cues. Trends in Neurosciences, 2015, 38, 439-447. Botulinum Toxin A Affects Early Capsule Formation Around Silicone Implants in a Rat Model. Annals of	0.8 2.1 4.2	4 10 67
1224 1225 1226 1227	RNA interference-mediated knockdown of Smad1 inhibits receptor activator of nuclear factor κB ligand expression induced by BMP-2 in primary osteoblasts. Archives of Oral Biology, 2015, 60, 1319-1326. BRCA1 regulates transforming growth factorâ€Î² (TCFâ€Î²1) signaling through Gadd45a by enhancing the protein stability of Smad4. Molecular Oncology, 2015, 9, 1655-1666. Regulation of dendrite morphogenesis by extrinsic cues. Trends in Neurosciences, 2015, 38, 439-447. Botulinum Toxin A Affects Early Capsule Formation Around Silicone Implants in a Rat Model. Annals of Plastic Surgery, 2015, 74, 488-495. Effects of dihydrotestosterone on rat dermal papilla cells in vitro. European Journal of	0.8 2.1 4.2 0.5	4 10 67 11
1224 1225 1226 1227 1228	RNA interference-mediated knockdown of Smad1 inhibits receptor activator of nuclear factor ^{îº} B ligand expression induced by BMP-2 in primary osteoblasts. Archives of Oral Biology, 2015, 60, 1319-1326. BRCA1 regulates transforming growth factorâ€ ^î 2 (TCFâ€ ^î 21) signaling through Gadd45a by enhancing the protein stability of Smad4. Molecular Oncology, 2015, 9, 1655-1666. Regulation of dendrite morphogenesis by extrinsic cues. Trends in Neurosciences, 2015, 38, 439-447. Botulinum Toxin A Affects Early Capsule Formation Around Silicone Implants in a Rat Model. Annals of Plastic Surgery, 2015, 74, 488-495. Effects of dihydrotestosterone on rat dermal papilla cells in vitro. European Journal of Pharmacology, 2015, 757, 74-83. Bi-specific splice-switching PMO oligonucleotides conjugated via a single peptide active in a mouse	0.8 2.1 4.2 0.5 1.7	4 10 67 11 21

#	Article	IF	CITATIONS
1232	The non-detergent sulfobetaine-201 acts as a pharmacological chaperone to promote folding and crystallization of the type II TGF-β receptor extracellular domain. Protein Expression and Purification, 2015, 115, 19-25.	0.6	5
1233	On signaling pathways: hematopoietic stem cell specification from hemogenic endothelium. Science China Life Sciences, 2015, 58, 1256-1261.	2.3	7
1234	Ligand-activated PPARδ upregulates α-smooth muscle actin expression in human dermal fibroblasts: A potential role for PPARδ in wound healing. Journal of Dermatological Science, 2015, 80, 186-195.	1.0	27
1235	BMP-7 induces TF expression in human monocytes by increasing F3 transcriptional activity. Thrombosis Research, 2015, 135, 398-403.	0.8	8
1236	Pokemon (FBI-1) interacts with Smad4 to repress TGF-β-induced transcriptional responses. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 270-281.	0.9	32
1237	Therapeutic targets for treating fibrotic kidney diseases. Translational Research, 2015, 165, 512-530.	2.2	140
1238	SMAD4 and its role in pancreatic cancer. Tumor Biology, 2015, 36, 111-119.	0.8	70
1239	Transforming growth factor-beta and its implication in the malignancy of gliomas. Targeted Oncology, 2015, 10, 1-14.	1.7	56
1240	Signaling Pathways Involved in Osteogenesis and Their Application for Bone Regenerative Medicine. Tissue Engineering - Part B: Reviews, 2015, 21, 75-87.	2.5	98
1241	Platelet-rich plasma encapsulation in hyaluronic acid/gelatin-BCP hydrogel for growth factor delivery in BCP sponge scaffold for bone regeneration. Journal of Biomaterials Applications, 2015, 29, 988-1002.	1.2	39
1242	A novel highly potent trivalent TGF-β receptor trap inhibits early-stage tumorigenesis and tumor cell invasion in murine Pten-deficient prostate glands. Oncotarget, 2016, 7, 86087-86102.	0.8	32
1243	Mechanisms of Collagen Network Organization in Response to Tissue/Organ Damage. , 2016, , .		0
1244	Role of Transforming Growth Factor- <i>β</i> 1 and Smads Signaling Pathway in Intrauterine Adhesion. Mediators of Inflammation, 2016, 2016, 1-13.	1.4	52
1245	Mechanoregulation of Wound Healing and Skin Homeostasis. BioMed Research International, 2016, 2016, 1-13.	0.9	55
1246	TGF- <i>β</i> 1/Smads and miR-21 in Renal Fibrosis and Inflammation. Mediators of Inflammation, 2016, 2016, 1-12.	1.4	239
1247	Structural and Dynamic Characterization of the C313Y Mutation in Myostatin Dimeric Protein, Responsible for the "Double Muscle―Phenotype in Piedmontese Cattle. Frontiers in Genetics, 2016, 7, 14.	1.1	6
1248	Targeting microRNAs as key modulators of tumor immune response. Journal of Experimental and Clinical Cancer Research, 2016, 35, 103.	3.5	160
1249	Thyroid Hormone, Cancer, and Apoptosis. , 2016, 6, 1221-1237.		82

#	Article	IF	CITATIONS
1250	TGF-Î ² Induces Endometriotic Progression via a Noncanonical, KLF11-Mediated Mechanism. Endocrinology, 2016, 157, 3332-3343.	1.4	22
1251	Genome-wide gene expression and DNA methylation differences in abnormally cloned and normally natural mating piglets. Animal Genetics, 2016, 47, 436-450.	0.6	12
1252	Dissecting the role of transforming growth factor-β1 in topmouth culter immunobiological activity: a fundamental functional analysis. Scientific Reports, 2016, 6, 27179.	1.6	14
1253	β-Lapachone Regulates the Transforming Growth Factor-β–Smad Signaling Pathway Associated with Collagen Biosynthesis in Human Dermal Fibroblasts. Biological and Pharmaceutical Bulletin, 2016, 39, 524-531.	0.6	8
1254	Two Activin Type 2B Receptors from Sea Bream Function Similarly <i>in vitro</i> . Biological Bulletin, 2016, 230, 56-67.	0.7	0
1255	Inductive interactions mediated by interplay of asymmetric signalling underlie development of adult haematopoietic stem cells. Nature Communications, 2016, 7, 10784.	5.8	70
1256	Ruptured abdominal aortic aneurysm—epidemiology, predisposing factors, and biology. Langenbeck's Archives of Surgery, 2016, 401, 275-288.	0.8	58
1257	Glucocorticoid Receptor-Targeted Liposomal Codelivery of Lipophilic Drug and Anti-Hsp90 Gene: Strategy to Induce Drug-Sensitivity, EMT-Reversal, and Reduced Malignancy in Aggressive Tumors. Molecular Pharmaceutics, 2016, 13, 2507-2523.	2.3	20
1258	A Novel, More Efficient Approach to Generate Bioactive Inhibins. Endocrinology, 2016, 157, 2799-2809.	1.4	10
1259	CXXC5 is required for cardiac looping relating to TGFÎ ² signaling pathway in zebrafish. International Journal of Cardiology, 2016, 214, 246-253.	0.8	20
1260	Transforming Growth Factor-Î ² Limits Secretion of Lumican by Activated Stellate Cells within Primary Pancreatic Adenocarcinoma Tumors. Clinical Cancer Research, 2016, 22, 4934-4946.	3.2	31
1261	Nanolayered siRNA delivery platforms for local silencing of CTGF reduce cutaneous scar contraction in third-degree burns. Biomaterials, 2016, 95, 22-34.	5.7	40
1262	Regulation of the TGF-β pathway by deubiquitinases in cancer. International Journal of Biochemistry and Cell Biology, 2016, 76, 135-145.	1.2	29
1263	Increased precursor microRNA-21 following status epilepticus can compete with mature microRNA-21 to alter translation. Experimental Neurology, 2016, 286, 137-146.	2.0	11
1264	Identification of prognostic microRNA candidates for head and neck squamous cell carcinoma. Oncology Reports, 2016, 35, 3321-3330.	1.2	32
1265	The Pathobiology of the Breast Cancer Invasive Process. , 2016, , 47-77.		Ο
1266	Promotion Effect of Apo-9′-fucoxanthinone from <i>Sargassum muticum</i> on Hair Growth <i>via</i> the Activation of Wnt/l²-Catenin and VEGF-R2. Biological and Pharmaceutical Bulletin, 2016, 39, 1273-1283.	0.6	20
1267	Transgelin is a TGFÎ ² -inducible gene that regulates osteoblastic and adipogenic differentiation of human skeletal stem cells through actin cytoskeleston organization. Cell Death and Disease, 2016, 7, e2321-e2321.	2.7	86

# 1268	ARTICLE Integrative proteomic analysis reveals reprograming tumor necrosis factor signaling in epithelial	IF 1.2	CITATIONS 29
1269	mesenchymal transition. Journal of Proteomics, 2016, 148, 126-138. Extracellular heat shock protein 90 binding to TGFÎ ² receptor I participates in TGFÎ ² -mediated collagen production in myocardial fibroblasts. Cellular Signalling, 2016, 28, 1563-1579.	1.7	64
1270	The induction of the collagen capsule synthesis by Trichinella spiralis is closely related to protease-activated receptor 2. Veterinary Parasitology, 2016, 230, 56-61.	0.7	12
1271	The Epstein-Barr virus encoded LMP1 oncoprotein modulates cell adhesion via regulation of activin A/TGFβ and β1 integrin signalling. Scientific Reports, 2016, 6, 19533.	1.6	32
1272	Surfactant dysfunction during overexpression of TGF-β1 precedes profibrotic lung remodeling in vivo. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L1260-L1271.	1.3	49
1273	Human epithelial-type ovarian tumour marker beta-2-microglobulin is regulated by the TGF-Î ² signaling pathway. Journal of Translational Medicine, 2016, 14, 75.	1.8	19
1274	Transforming growth factor-β1 activates ΔNp63/c-Myc to promote oral squamous cell carcinoma. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2016, 122, 460-482.e4.	0.2	9
1275	MiRNA-199a-5p influences pulmonary artery hypertension via downregulating Smad3. Biochemical and Biophysical Research Communications, 2016, 473, 859-866.	1.0	30
1276	Differential requirement of bone morphogenetic protein receptors Ia (ALK3) and Ib (ALK6) in early embryonic patterning and neural crest development. BMC Developmental Biology, 2016, 16, 1.	2.1	31
1277	Ovarian Folliculogenesis. Results and Problems in Cell Differentiation, 2016, 58, 167-190.	0.2	148
1278	The bone morphogenetic protein system and the regulation of ovarian follicle development in mammals. Zygote, 2016, 24, 1-17.	0.5	53
1279	Fibrosis in the lens. Sprouty regulation of TGFβ-signaling prevents lens EMT leading to cataract. Experimental Eye Research, 2016, 142, 92-101.	1.2	81
1280	Inhibitory Effects of Resveratrol on the Human Alveolar Rhabdomyosarcoma Cell Line PLA-802 through Inhibition of the TGF-β1/Smad Signaling Pathway. Pharmacology, 2016, 98, 35-41.	0.9	5
1281	Baicalein attenuates hypertrophic scar formation via inhibition of the transforming growth factorâ€Î²/Smad2/3 signalling pathway. British Journal of Dermatology, 2016, 174, 120-130.	1.4	39
1282	Genetics of human isolated acromesomelic dysplasia. European Journal of Medical Genetics, 2016, 59, 198-203.	0.7	18
1283	TGF-β: the connecting link between nephropathy and fibrosis. Immunopharmacology and Immunotoxicology, 2016, 38, 39-49.	1.1	157
1284	TGF-β/SMAD Pathway and Its Regulation in Hepatic Fibrosis. Journal of Histochemistry and Cytochemistry, 2016, 64, 157-167.	1.3	514
1285	Blockade of Orai1 Store-Operated Calcium Entry Protects against Renal Fibrosis. Journal of the American Society of Nephrology: JASN, 2016, 27, 3063-3078.	3.0	44

#	Article	IF	Citations
1286	β3 integrin–mediated spreading induced by matrix-bound BMP-2 controls Smad signaling in a stiffness-independent manner. Journal of Cell Biology, 2016, 212, 693-706.	2.3	64
1287	Identification of intracellular pathways through which TGF-β1 upregulates URG-4/URGCP gene expression in hepatoma cells. Life Sciences, 2016, 144, 121-128.	2.0	14
1288	The Retinoblastoma Tumor Suppressor Protein (pRb)/E2 Promoter Binding Factor 1 (E2F1) Pathway as a Novel Mediator of TGFβ-induced Autophagy. Journal of Biological Chemistry, 2016, 291, 2043-2054.	1.6	22
1289	Production, Isolation, and Structural Analysis of Ligands and Receptors of the TGF-Î ² Superfamily. Methods in Molecular Biology, 2016, 1344, 63-92.	0.4	25
1290	Mechanisms of Hypothermic Machine Perfusion to Decrease Donation After Cardiac Death Graft Inflammation: Through the Pathway of Upregulating Expression of KLF2 and Inhibiting TGF-Î ² Signaling. Artificial Organs, 2017, 41, 82-88.	1.0	24
1291	TGFâ€Î² regulation of encephalitogenic and regulatory T cells in multiple sclerosis. European Journal of Immunology, 2017, 47, 446-453.	1.6	75
1292	spict, a cyst cell-specific gene, regulates starvation-induced spermatogonial cell death in the Drosophila testis. Scientific Reports, 2017, 7, 40245.	1.6	14
1293	Stellera chamaejasme and its constituents induce cutaneous wound healing and anti-inflammatory activities. Scientific Reports, 2017, 7, 42490.	1.6	25
1294	Therapeutic Potentials of BDNF/TrkB in Breast Cancer; Current Status and Perspectives. Journal of Cellular Biochemistry, 2017, 118, 2502-2515.	1.2	70
1295	TGF-β1 Neuroprotection via Inhibition of Microglial Activation in a Rat Model of Parkinson's Disease. Journal of NeuroImmune Pharmacology, 2017, 12, 433-446.	2.1	59
1296	Cytidine monophosphate kinase is inhibited by the TGF-β signalling pathway through the upregulation of miR-130b-3p in human epithelial ovarian cancer. Cellular Signalling, 2017, 35, 197-207.	1.7	34
1297	Smad1/5 is required for erythropoietin-mediated suppression of hepcidin in mice. Blood, 2017, 130, 73-83.	0.6	69
1298	BMP type II receptor as a therapeutic target in pulmonary arterial hypertension. Cellular and Molecular Life Sciences, 2017, 74, 2979-2995.	2.4	84
1299	Sulfated Hyaluronan Derivatives Modulate TGF-β1:Receptor Complex Formation: Possible Consequences for TGF-β1 Signaling. Scientific Reports, 2017, 7, 1210.	1.6	30
1300	Anti-fibrogenic effect of PPAR-γ agonists in human intestinal myofibroblasts. BMC Gastroenterology, 2017, 17, 73.	0.8	20
1301	Bone morphogenetic protein signaling governs biliaryâ€driven liver regeneration in zebrafish through tbx2b and id2a. Hepatology, 2017, 66, 1616-1630.	3.6	42
1302	Baicalin inhibits human osteosarcoma cells invasion, metastasis, and anoikis resistance by suppressing the transforming growth factor-β1-induced epithelial-to-mesenchymal transition. Anti-Cancer Drugs, 2017, 28, 581-587.	0.7	35
1303	Activin A regulates activation of mouse neutrophils by Smad3 signalling. Open Biology, 2017, 7, 160342.	1.5	24

#	Article	IF	Citations
1304	Adipose tissue fibrosis in human cancer cachexia: the role of TGF \hat{I}^2 pathway. BMC Cancer, 2017, 17, 190.	1.1	65
1305	A Search for Genes Mediating the Growth-Promoting Function of TGFÎ ² in the <i>Drosophila melanogaster</i> Wing Disc. Genetics, 2017, 206, 231-249.	1.2	19
1306	Neural EGF-like protein 1 (NELL-1): Signaling crosstalk in mesenchymal stem cells and applications in regenerative medicine. Genes and Diseases, 2017, 4, 127-137.	1.5	22
1307	Epidermal growth factor and tumor necrosis factor α cooperatively promote the motility of hepatocellular carcinoma cell lines via synergistic induction of fibronectin by NF-κB/p65. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 2568-2582.	1.1	21
1308	Role of Stat3 Signaling in Control of EMT of Tubular Epithelial Cells During Renal Fibrosis. Cellular Physiology and Biochemistry, 2017, 42, 2552-2558.	1.1	28
1309	TGF-β1 Induces EMT in Bovine Mammary Epithelial Cells Through the TGFβ1/Smad Signaling Pathway. Cellular Physiology and Biochemistry, 2017, 43, 82-93.	1.1	58
1310	Gonadal soma controls ovarian follicle proliferation through Gsdf in zebrafish. Developmental Dynamics, 2017, 246, 925-945.	0.8	68
1311	Role of Smad3 and p38 Signalling in Cigarette Smoke-induced CFTR and BK dysfunction in Primary Human Bronchial Airway Epithelial Cells. Scientific Reports, 2017, 7, 10506.	1.6	21
1312	ENMD-1068 inhibits liver fibrosis through attenuation of TGF-β1/Smad2/3 signaling in mice. Scientific Reports, 2017, 7, 5498.	1.6	22
1313	Activin signaling is an essential component of the TGF-β induced pro-metastatic phenotype in colorectal cancer. Scientific Reports, 2017, 7, 5569.	1.6	55
1314	Radiotherapy induces cell cycle arrest and cell apoptosis in nasopharyngeal carcinoma via the ATM and Smad pathways. Cancer Biology and Therapy, 2017, 18, 681-693.	1.5	28
1315	Monoallelic BMP2 Variants Predicted to Result in Haploinsufficiency Cause Craniofacial, Skeletal, and Cardiac Features Overlapping Those of 20p12 Deletions. American Journal of Human Genetics, 2017, 101, 985-994.	2.6	44
1316	Thalidomide Inhibits TGF-β1-induced Epithelial to Mesenchymal Transition in Alveolar Epithelial Cells via Smad-Dependent and Smad-Independent Signaling Pathways. Scientific Reports, 2017, 7, 14727.	1.6	35
1317	Enhancement of TGF-β-induced Smad3 activity by c-Abl-mediated tyrosine phosphorylation of its coactivator SKI-interacting protein (SKIP). Biochemical and Biophysical Research Communications, 2017, 490, 1045-1051.	1.0	6
1318	Deregulated neddylation in liver fibrosis. Hepatology, 2017, 65, 694-709.	3.6	50
1319	Long-term exposure to bisphenol A or benzo(a)pyrene alters the fate of human mammary epithelial stem cells in response to BMP2 and BMP4, by pre-activating BMP signaling. Cell Death and Differentiation, 2017, 24, 155-166.	5.0	39
1320	Vascular smooth muscle cells in Marfan syndrome aneurysm: the broken bricks in the aortic wall. Cellular and Molecular Life Sciences, 2017, 74, 267-277.	2.4	41
1321	The role of AMH and its receptor SNP in the pathogenesis of PCOS. Molecular and Cellular Endocrinology, 2017, 439, 363-368.	1.6	20

#	Article	IF	Citations
1322	TIMAP repression by TGFβ and HDAC3-associated Smad signaling regulates macrophage M2 phenotypic phagocytosis. Journal of Molecular Medicine, 2017, 95, 273-285.	1.7	27
1323	Impact of Tâ€cellâ€specific Smad4 deficiency on the development of autoimmune diabetes in NOD mice. Immunology and Cell Biology, 2017, 95, 287-296.	1.0	8
1324	MicroRNA-486-5p suppresses TGF-β2-induced proliferation, invasion and epithelial–mesenchymal transition of lens epithelial cells by targeting Smad2. Journal of Biosciences, 2017, 42, 575-584.	0.5	30
1325	Vascular Calcification. Chinese Medical Journal, 2017, 130, 1113-1121.	0.9	25
1326	TGF- \hat{I}^2 Activation and Signaling in Angiogenesis. , 0, , .		20
1327	The Effect of TGF-β on Treg Cells in Adverse Pregnancy Outcome upon Toxoplasma gondii Infection. Frontiers in Microbiology, 2017, 8, 901.	1.5	29
1328	Inflammatory and Anti-Inflammatory Equilibrium, Proliferative and Antiproliferative Balance: The Role of Cytokines in Multiple Myeloma. Mediators of Inflammation, 2017, 2017, 1-24.	1.4	99
1329	Targeted AAV5-Smad7 gene therapy inhibits corneal scarring in vivo. PLoS ONE, 2017, 12, e0172928.	1.1	59
1330	Transcriptome analysis of muskrat scented glands degeneration mechanism. PLoS ONE, 2017, 12, e0176935.	1.1	7
1331	Smad4 SUMOylation is essential for memory formation through upregulation of the skeletal myopathy gene TPM2. BMC Biology, 2017, 15, 112.	1.7	18
1332	Arkadia protein expression is reduced in the liver during the progression of hepatic fibrosis. International Journal of Molecular Medicine, 2017, 41, 1315-1322.	1.8	1
1333	Hedyotis diffusa Willd suppresses metastasis in 5-fluorouracil-resistant colorectal cancer cells by regulating the TGF-β signaling pathway. Molecular Medicine Reports, 2017, 16, 7752-7758.	1.1	24
1334	Introduction to Cytokines as Tissue Regulators in Health and Disease. , 2017, , 3-30.		3
1335	Pathogenic mechanisms of pancreatitis. World Journal of Gastrointestinal Pharmacology and Therapeutics, 2017, 8, 10.	0.6	166
1337	Transforming Growth Factor β1/Smad4 Signaling Affects Osteoclast Differentiation via Regulation of miR-155 Expression. Molecules and Cells, 2017, 40, 211-221.	1.0	38
1338	Taxus chinensis ameliorates diabetic nephropathy through down-regulating TGF- β 1/Smad pathway. Chinese Journal of Natural Medicines, 2018, 16, 90-96.	0.7	15
1339	Mesenchyme homeobox 1 mediates transforming growth factor-β (TGF-β)–induced smooth muscle cell differentiation from mouse mesenchymal progenitors. Journal of Biological Chemistry, 2018, 293, 8712-8719.	1.6	15
1340	Tissue Expression Analysis and Characterization of Smad3 Promoter in Bovine Myoblasts and Preadipocytes. DNA and Cell Biology, 2018, 37, 551-559.	0.9	10

#	Article	IF	CITATIONS
1341	Molecular changes during TGF <i>β</i> -mediated lung fibroblast-myofibroblast differentiation: implication for glucocorticoid resistance. Physiological Reports, 2018, 6, e13669.	0.7	31
1342	Activin-A Is a Pro-Inflammatory Regulator in Type-2-Driven Upper Airway Disease. International Archives of Allergy and Immunology, 2018, 176, 15-25.	0.9	5
1343	Postnatal maturation of microglia is associated with alternative activation and activated TGFÎ ² signaling. Glia, 2018, 66, 1695-1708.	2.5	28
1344	SMAD6 overexpression leads to accelerated myogenic differentiation of LMNA mutated cells. Scientific Reports, 2018, 8, 5618.	1.6	6
1345	Nemopilema nomurai jellyfish venom exerts an anti-metastatic effect by inhibiting Smad- and NF-κB-mediated epithelial–mesenchymal transition in HepG2 cells. Scientific Reports, 2018, 8, 2808.	1.6	17
1346	Transforming growth factor- \hat{l}^2 in stem cells and tissue homeostasis. Bone Research, 2018, 6, 2.	5.4	262
1347	Functional assessment of the <i><scp>BMPR</scp>2</i> gene in lymphoblastoid cell lines from Graves' disease patients. Journal of Cellular and Molecular Medicine, 2018, 22, 1538-1547.	1.6	4
1348	Carnosic acid prevents COL1A2 transcription through the reduction of Smad3 acetylation via the AMPKI±1/SIRT1 pathway. Toxicology and Applied Pharmacology, 2018, 339, 172-180.	1.3	8
1349	Vasorin: a newly identified regulator of ovarian folliculogenesis. FASEB Journal, 2018, 32, 2124-2136.	0.2	18
1350	EGF is highly expressed in hepatocellular carcinoma (HCC) and promotes motility of HCC cells via fibronectin. Journal of Cellular Biochemistry, 2018, 119, 4170-4183.	1.2	26
1351	A novel homozygous variant in <i>BMPR1B</i> underlies acromesomelic dysplasia Hunter–Thompson type. Annals of Human Genetics, 2018, 82, 129-134.	0.3	13
1352	Transplantation of Telocytes Attenuates Unilateral Ureter Obstruction-Induced Renal Fibrosis in Rats. Cellular Physiology and Biochemistry, 2018, 46, 2056-2071.	1.1	20
1353	Protective effect of curcumin against ultraviolet A irradiation‑induced photoaging in human dermal fibroblasts. Molecular Medicine Reports, 2018, 17, 7227-7237.	1.1	34
1354	Transcription factor specificity protein 1 modulates TGFβ1/Smad signaling to negatively regulate SIGIRR expression by human M1 macrophages stimulated with substance P. Cytokine, 2018, 108, 24-36.	1.4	7
1355	A Novel TGFβ Trap Blocks Chemotherapeutics-Induced TGFβ1 Signaling and Enhances Their Anticancer Activity in Gynecologic Cancers. Clinical Cancer Research, 2018, 24, 2780-2793.	3.2	45
1356	Identification of a rare BMP pathway mutation in a non-syndromic human brain arteriovenous malformation via exome sequencing. Human Genome Variation, 2018, 5, 18001.	0.4	20
1357	Basic Mechanisms of Atherosclerosis. , 2018, , 45-54.		4
1358	Transforming growth factor-Î ² 1 regulates the nascent hematopoietic stem cell niche by promoting gluconeogenesis. Leukemia, 2018, 32, 479-491.	3.3	17

#	Article	IF	CITATIONS
1359	Drosophila models of FOP provide mechanistic insight. Bone, 2018, 109, 192-200.	1.4	7
1360	Overexpression of miR‑361‑5p plays an oncogenic role in human lung adenocarcinoma through the regulation of SMAD2. International Journal of Oncology, 2018, 54, 306-314.	1.4	16
1361	Regulation of Dendritogenesis in Sympathetic Neurons. , 2018, , .		2
1362	Physiological roles of activins in the human ovary. Journal of Bio-X Research, 2018, 1, 111-119.	0.3	4
1363	TGF-β Signaling and the Epithelial-Mesenchymal Transition during Palatal Fusion. International Journal of Molecular Sciences, 2018, 19, 3638.	1.8	27
1364	Effect of Banxia Xiexin decoction on Helicobacter pylori-related peptic ulcers and its possible mechanism via the TGF-1²/Smad signaling pathway. Journal of Traditional Chinese Medicine = Chung I Tsa Chih Ying Wen Pan / Sponsored By All-China Association of Traditional Chinese Medicine, Academy of Traditional Chinese Medicine. 2018. 38. 419-426.	0.4	6
1365	TGF-β/SMAD4-Regulated LncRNA-LINP1 Inhibits Epithelial-Mesenchymal Transition in Lung Cancer. International Journal of Biological Sciences, 2018, 14, 1715-1723.	2.6	43
1366	Functional Expression of Organic Anion Transporting Polypeptide 1a4 Is Regulated by Transforming Growth Factor- <i>β</i> /Activin Receptor-like Kinase 1 Signaling at the Blood-Brain Barrier. Molecular Pharmacology, 2018, 94, 1321-1333.	1.0	21
1367	Silencing of TGFÎ ² signalling in microglia results in impaired homeostasis. Nature Communications, 2018, 9, 4011.	5.8	125
1368	Neural crest and the origin of speciesâ€specific pattern. Genesis, 2018, 56, e23219.	0.8	44
1369	Inhibition of Ep3 attenuates migration and promotes apoptosis of nonâ€'small cell lung cancer cells via suppression of TGFâ€Î²/Smad signaling. Oncology Letters, 2018, 16, 5645-5654.	0.8	7
1370	Human Surfactant Protein D Suppresses Epithelial-to-Mesenchymal Transition in Pancreatic Cancer Cells by Downregulating TGF-12. Frontiers in Immunology, 2018, 9, 1844.	2.2	15
1371	An Update on the Therapeutic Potential of Stem Cells. Methods in Molecular Biology, 2018, 1842, 3-27.	0.4	3
1372	Essential role of Ahnak in adipocyte differentiation leading to the transcriptional regulation of Bmpr1α expression. Cell Death and Disease, 2018, 9, 864.	2.7	13
1373	Investigation of interactions between the marine GY785 exopolysaccharide and transforming growth factor-l²1 by atomic force microscopy. Carbohydrate Polymers, 2018, 202, 56-63.	5.1	9
1374	Transforming growth factorâ€Î² signalling in renal fibrosis: from Smads to nonâ€coding RNAs. Journal of Physiology, 2018, 596, 3493-3503.	1.3	85
1375	Mediator kinase CDK8/CDK19 drives YAP1-dependent BMP4-induced EMT in cancer. Oncogene, 2018, 37, 4792-4808.	2.6	49
1376	Molecular cloning and characteristics analysis of Pmtgfbr1 from Pinctada fucata martensii. Biotechnology Reports (Amsterdam, Netherlands), 2018, 19, e00262.	2.1	1

#	Article	IF	CITATIONS
1377	Incorporating β-cyclodextrin into collagen scaffolds to sequester growth factors and modulate mesenchymal stem cell activity. Acta Biomaterialia, 2018, 76, 116-125.	4.1	29
1378	Identification and functional analysis of transforming growth factor-β type I receptor (TβR1) from Scylla paramamosain: The first evidence of TβR1 involved in development and innate immunity in crustaceans. Developmental and Comparative Immunology, 2018, 88, 144-151.	1.0	12
1379	RGC-32 regulates reactive astrocytosis and extracellular matrix deposition in experimental autoimmune encephalomyelitis. Immunologic Research, 2018, 66, 445-461.	1.3	16
1380	Structure-guided engineering of TGF-βs for the development of novel inhibitors and probing mechanism. Bioorganic and Medicinal Chemistry, 2018, 26, 5239-5246.	1.4	6
1381	Caveolin-1 Scaffolding Domain Peptides Alleviate Liver Fibrosis by Inhibiting TGF-β1/Smad Signaling in Mice. International Journal of Molecular Sciences, 2018, 19, 1729.	1.8	37
1382	Mechanoregulation of Wound Healing and Skin Homeostasis. Recent Clinical Techniques, Results, and Research in Wounds, 2018, , 461-477.	0.1	2
1383	Computational analysis of mRNA expression profiling in the inner ear reveals candidate transcription factors associated with proliferation, differentiation, and deafness. Human Genomics, 2018, 12, 30.	1.4	11
1384	Diverse Mechanisms of Transcriptional Regulation by the Vitamin D Receptor. , 2018, , 175-187.		2
1385	The role of TGF-β/SMAD4 signaling in cancer. International Journal of Biological Sciences, 2018, 14, 111-123.	2.6	379
1386	Novel Combination <i>BMP7</i> and <i>HGF</i> Gene Therapy Instigates Selective Myofibroblast Apoptosis and Reduces Corneal Haze In Vivo. , 2018, 59, 1045.		54
1387	Systemic Activation of Activin A Signaling Causes Chronic Kidney Disease-Mineral Bone Disorder. International Journal of Molecular Sciences, 2018, 19, 2490.	1.8	23
1388	Cholesterol depletion enhances TGF-Î ² Smad signaling by increasing c-Jun expression through a PKR-dependent mechanism. Molecular Biology of the Cell, 2018, 29, 2494-2507.	0.9	12
1389	Current advances for bone regeneration based on tissue engineering strategies. Frontiers of Medicine, 2019, 13, 160-188.	1.5	40
1390	The role of the EGFR signaling pathway in stem cell differentiation during planarian regeneration and homeostasis. Seminars in Cell and Developmental Biology, 2019, 87, 45-57.	2.3	14
1391	WWP2 regulates pathological cardiac fibrosis by modulating SMAD2 signaling. Nature Communications, 2019, 10, 3616.	5.8	44
1392	Roles of Myosin-Mediated Membrane Trafficking in TGF-β Signaling. International Journal of Molecular Sciences, 2019, 20, 3913.	1.8	10
1393	Anti-mullerian hormone receptor type II as a Potential Target for Antineoplastic Therapy. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2019, 13, 202-213.	0.2	3
1394	Evolution of cis-regulatory modules for the head organizer gene goosecoid in chordates: comparisons between Branchiostoma and Xenopus. Zoological Letters, 2019, 5, 27.	0.7	10

#	Article	IF	CITATIONS
1395	Epigallocatechin gallate (EGCG) suppresses epithelial-Mesenchymal transition (EMT) and invasion in anaplastic thyroid carcinoma cells through blocking of TGF-β1/Smad signaling pathways. Bioengineered, 2019, 10, 282-291.	1.4	56
1396	The Activin-like ligand Dawdle regulates innate immune responses through modulating NF-κB signaling in mud crab Scylla paramamosain. Developmental and Comparative Immunology, 2019, 101, 103450.	1.0	8
1397	Structural biology of betaglycan and endoglin, membrane-bound co-receptors of the TGF-beta family. Experimental Biology and Medicine, 2019, 244, 1547-1558.	1.1	43
1398	SMAD4 Y353C promotes the progression of PDAC. BMC Cancer, 2019, 19, 1037.	1.1	18
1399	EBV-miR-BART7-3p Imposes Stemness in Nasopharyngeal Carcinoma Cells by Suppressing SMAD7. Frontiers in Genetics, 2019, 10, 939.	1.1	27
1400	The Use of Genetically Engineered Mouse Models for Studying the Function of Mutated Driver Genes in Pancreatic Cancer. Journal of Clinical Medicine, 2019, 8, 1369.	1.0	7
1401	Therapeutic potential of NaoXinTong Capsule on the developed diabetic nephropathy in db/db mice. Biomedicine and Pharmacotherapy, 2019, 118, 109389.	2.5	10
1402	Protective Effects of Sesamin Against UVB-Induced Skin Inflammation and Photodamage In Vitro and In Vivo. Biomolecules, 2019, 9, 479.	1.8	42
1403	Formyl peptide receptor 1 signalling promotes experimental colitis in mice. Pharmacological Research, 2019, 141, 591-601.	3.1	16
1404	Ablation of SUN2-containing LINC complexes drives cardiac hypertrophy without interstitial fibrosis. Molecular Biology of the Cell, 2019, 30, 1664-1675.	0.9	27
1405	Functional Genetic Variation in the Anti-Müllerian Hormone Pathway in Women With Polycystic Ovary Syndrome. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2855-2874.	1.8	58
1406	Natural Plants Compounds as Modulators of Epithelial-to-Mesenchymal Transition. Frontiers in Pharmacology, 2019, 10, 715.	1.6	141
1407	Loss of the transcriptional repressor TGIF1 results in enhanced Kras-driven development of pancreatic cancer. Molecular Cancer, 2019, 18, 96.	7.9	22
1408	MicroRNAs are Necessary for BMP-7-induced Dendritic Growth in Cultured Rat Sympathetic Neurons. Cellular and Molecular Neurobiology, 2019, 39, 917-934.	1.7	8
1409	LOC103691336/miRâ€138â€5p/BMPR2 axis modulates Mgâ€mediated osteogenic differentiation in rat femoral fracture model and rat primary bone marrow stromal cells. Journal of Cellular Physiology, 2019, 234, 21316-21330.	2.0	36
1410	Human Marfan and Marfan-like Syndrome associated mutations lead to altered trafficking of the Type II TGFβ receptor in Caenorhabditis elegans. PLoS ONE, 2019, 14, e0216628.	1.1	4
1411	Di-(2-Ethylhexyl) Phthalate Promotes Release of Tissue Factor-Bearing Microparticles From Macrophages via the TGFβ1/Smad/PAI-1 Signaling Pathway. American Journal of the Medical Sciences, 2019, 357, 492-506.	0.4	12
1412	Endothelial to Mesenchymal Transition: Role in Physiology and in the Pathogenesis of Human Diseases. Physiological Reviews, 2019, 99, 1281-1324.	13.1	325

#	Article	IF	CITATIONS
1413	Mesenchymal stem cell therapy inhibited inflammatory and profibrotic pathways induced by partial bladder outlet obstruction and prevented high-pressure urine storage. Journal of Pediatric Urology, 2019, 15, 254.e1-254.e10.	0.6	14
1414	The ELAV family of RNA-binding proteins in synaptic plasticity and long-term memory. Neurobiology of Learning and Memory, 2019, 161, 143-148.	1.0	26
1415	Hydrogel-based delivery of Il-10 improves treatment of bleomycin-induced lung fibrosis in mice. Biomaterials, 2019, 203, 52-62.	5.7	69
1416	Dihydromyricetin attenuates hypertrophic scar formation by targeting activin receptor-like kinase 5. European Journal of Pharmacology, 2019, 852, 58-67.	1.7	12
1417	Multi-technique comparison of atherogenic and MCD NASH models highlights changes in sphingolipid metabolism. Scientific Reports, 2019, 9, 16810.	1.6	34
1418	Conditional knockout of TGF-βRII /Smad2 signals protects against acute renal injury by alleviating cell necroptosis, apoptosis and inflammation. Theranostics, 2019, 9, 8277-8293.	4.6	88
1419	Activation of Uterine Smad3 Pathway Is Crucial for Embryo Implantation. Current Medical Science, 2019, 39, 997-1002.	0.7	8
1420	Role of the Aryl Hydrocarbon Receptor in Environmentally Induced Skin Aging and Skin Carcinogenesis. International Journal of Molecular Sciences, 2019, 20, 6005.	1.8	55
1421	AMH: Could It Be Used as A Biomarker for Fertility and Superovulation in Domestic Animals?. Genes, 2019, 10, 1009.	1.0	28
1422	Specification and formation of the neural crest: Perspectives on lineage segregation. Genesis, 2019, 57, e23276.	0.8	59
1423	Myostatin/SMAD4 signaling-mediated regulation of miR-124-3p represses glucocorticoid receptor expression and inhibits adipocyte differentiation. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E635-E645.	1.8	19
1424	TGFâ€Î²1 promotes gap junctions formation in chondrocytes via Smad3/Smad4 signalling. Cell Proliferation, 2019, 52, e12544.	2.4	34
1425	A potential role for SMAD9 in goose follicular selection through regulation of mRNA levels of luteinizing hormone receptor. Theriogenology, 2019, 135, 204-212.	0.9	3
1426	Coreopsis tinctoria Nutt ameliorates high glucose-induced renal fibrosis and inflammation via the TGF-β 1/SMADS/AMPK/NF-κB pathways. BMC Complementary and Alternative Medicine, 2019, 19, 14.	3.7	31
1427	Schisandrin B attenuates epidural fibrosis in postlaminectomy rats by inhibiting proliferation and extracellular matrix production of fibroblasts. Phytotherapy Research, 2019, 33, 107-116.	2.8	10
1428	Molecular pharmacology of inflammation: Medicinal plants as anti-inflammatory agents. Pharmacological Research, 2019, 139, 126-140.	3.1	209
1429	Runx3 regulates folliculogenesis and steroidogenesis in granulosa cells of immature mice. Cell and Tissue Research, 2019, 375, 743-754.	1.5	16
1430	Influence of Biochemical Cues in Human Corneal Stromal Cell Phenotype. Current Eye Research, 2019, 44, 135-146.	0.7	33

		CITATION R	EPORT	
#	Article		IF	CITATIONS
1431	Cell-Cell Interactions in Ovarian Follicles: Role of TGF- \hat{I}^2 Superfamily Members. , 2019, , 1	07-125.		11
1432	Inclusion complexes of cysteinyl β yclodextrin with baicalein restore collagen synthes cells following ultraviolet exposure. Journal of Cellular Biochemistry, 2019, 120, 4032-40	is in fibroblast 43.	1.2	5
1433	Transforming growth factor- \hat{l}^2 and skeletal homeostasis. , 2020, , 1153-1187.			1
1434	The first two Chinese Myhre syndrome patients with the recurrent SMAD4 pathogenic va Functional consequences and clinical diversity. Clinica Chimica Acta, 2020, 500, 128-134	ariants: 1.	0.5	5
1435	Microcystin exposure worsens nonalcoholic fatty liver disease associated ectopic glomer toxicity via NOX-2-MIR21 axis. Environmental Toxicology and Pharmacology, 2020, 73, 1		2.0	9
1436	Activation of TGF-Î ² 1 Pathway by SCUBE3 Regulates TWIST1 Expression and Promotes B Progression. Cancer Biotherapy and Radiopharmaceuticals, 2020, 35, 120-128.	reast Cancer	0.7	12
1437	Arrestin-mediated signaling at GPCRs. , 2020, , 243-255.			0
1438	Astragaloside IV inhibits cardiac fibrosis via miR-135a-TRPM7-TGF-β/Smads pathway. Jou Ethnopharmacology, 2020, 249, 112404.	mal of	2.0	50
1439	Hepatotoxicity assessment of Rhizoma Paridis in adult zebrafish through proteomes and Biomedicine and Pharmacotherapy, 2020, 121, 109558.	metabolome.	2.5	6
1440	Conditioned Medium from Human Adipose-Derived Mesenchymal Stem Cell Culture Prev UVB-Induced Skin Aging in Human Keratinocytes and Dermal Fibroblasts. International Jo Molecular Sciences, 2020, 21, 49.	ents ournal of	1.8	59
1441	Current perspectives on inhibitory SMAD7 in health and disease. Critical Reviews in Biocl Molecular Biology, 2020, 55, 691-715.	nemistry and	2.3	37
1442	Puerarin alleviates vincristine-induced neuropathic pain and neuroinflammation via inhibit nuclear factor-ήB and activation of the TGF-β/Smad pathway in rats. International Immur 2020, 89, 107060.	tion of hopharmacology,	1.7	12
1443	Noncoding RNAs in peritoneal fibrosis: Background, Mechanism, and Therapeutic Approa Biomedicine and Pharmacotherapy, 2020, 129, 110385.	ıch.	2.5	12
1444	Substantia nigra Smad3 signaling deficiency: relevance to aging and Parkinson's dise microglia, proinflammatory factors, and MAPK. Journal of Neuroinflammation, 2020, 17,		3.1	8
1445	MiR-497-5p Regulates Osteo/Odontogenic Differentiation of Stem Cells From Apical Pap Signaling Pathway by Targeting Smurf2. Frontiers in Genetics, 2020, 11, 582366.	illa via the Smad	1.1	14
1446	The Role of TGFÎ ² Signaling in Microglia Maturation and Activation. Trends in Immunolog 836-848.	y, 2020, 41,	2.9	60
1447	The advances of methotrexate resistance in rheumatoid arthritis. Inflammopharmacolog 1183-1193.	<i>ı</i> , 2020, 28,	1.9	15
1448	Signaling pathways and microRNAs, the orchestrators of NANOG activity during cancer i Life Sciences, 2020, 260, 118337.	nduction.	2.0	12

#	Article	IF	CITATIONS
1449	Controlled Delivery of Growth Factor by Hierarchical Nanostructured Core–Shell Nanofibers for the Efficient Repair of Critical-Sized Rat Calvarial Defect. ACS Biomaterials Science and Engineering, 2020, 6, 5758-5770.	2.6	12
1450	Directed differentiation of regulatory T cells from naive T cells and prevention of their inflammation-mediated instability using small molecules. Clinical and Experimental Immunology, 2020, 201, 205-221.	1.1	5
1451	Kidney-targeted baicalin-lysozyme conjugate ameliorates renal fibrosis in rats with diabetic nephropathy induced by streptozotocin. BMC Nephrology, 2020, 21, 174.	0.8	25
1452	TGFâ€Î²1â€induced expression of collagen type II and ACAN is regulated by 4Eâ€BP1, a repressor of translation. FASEB Journal, 2020, 34, 9531-9546.	0.2	10
1453	By targeting TRAF6, miR-140-3p inhibits TGF-β1-induced human osteosarcomaÂepithelial-to-mesenchymal transition, migration, and invasion. Biotechnology Letters, 2020, 42, 2123-2133.	1.1	7
1454	Muscle cell differentiation and development pathway defects in Emery-Dreifuss muscular dystrophy. Neuromuscular Disorders, 2020, 30, 443-456.	0.3	4
1455	Adverse Effects of Chronic Alcohol Consumption. SN Comprehensive Clinical Medicine, 2020, 2, 308-315.	0.3	0
1456	The functional differentiation of four smad4 paralogs in TGF-Î ² signaling pathway of Japanese flounder (Paralichthys olivaceus). Cellular Signalling, 2020, 71, 109601.	1.7	6
1457	The synergetic effect of bioactive molecule–loaded electrospun coreâ€shell fibres for reconstruction of criticalâ€sized calvarial bone defect—The effect of synergetic release on bone Formation. Cell Proliferation, 2020, 53, e12796.	2.4	15
1458	RIPK3: A New Player in Renal Fibrosis. Frontiers in Cell and Developmental Biology, 2020, 8, 502.	1.8	12
1459	Protective effects and mechanisms of Rehmannia glutinosa leaves total glycoside on early kidney injury in db/db mice. Biomedicine and Pharmacotherapy, 2020, 125, 109926.	2.5	19
1460	Identification of Smad-dependent and -independent signaling with transforming growth factor-β type 1/2 receptor inhibition in palatogenesis. Journal of Oral Biology and Craniofacial Research, 2020, 10, 43-48.	0.8	2
1461	Tenascin-C expression controls the maturation of articular cartilage in mice. BMC Research Notes, 2020, 13, 78.	0.6	8
1462	Investigation of efficacy and acquired resistance for EGFR-TKI plus bevacizumab as first-line treatment in patients with EGFR sensitive mutant non-small cell lung cancer in a Real world population. Lung Cancer, 2020, 141, 82-88.	0.9	23
1463	TRIM59 inhibits PPM1A through ubiquitination and activates TGF-β/Smad signaling to promote the invasion of ectopic endometrial stromal cells in endometriosis. American Journal of Physiology - Cell Physiology, 2020, 319, C392-C401.	2.1	10
1464	Inhibition of Microglial TGFβ Signaling Increases Expression of Mrc1. Frontiers in Cellular Neuroscience, 2020, 14, 66.	1.8	19
1465	The Distinct Roles of Transcriptional Factor KLF11 in Normal Cell Growth Regulation and Cancer as a Mediator of TGF-β Signaling Pathway. International Journal of Molecular Sciences, 2020, 21, 2928.	1.8	13
1466	The role of transforming growth factorâ€beta in immune suppression and chronic inflammation of squamous cell carcinomas. Molecular Carcinogenesis, 2020, 59, 745-753.	1.3	14

#	Article	IF	CITATIONS
1467	HDAC1–Smad3–mSin3A complex is required for Smad3-induced transcriptional inhibition of hepatocyte growth factor receptor in human lung cancers. Carcinogenesis, 2021, 42, 587-600.	1.3	0
1468	BMP signalling is required for extra-embryonic ectoderm development during pre-to-post-implantation transition of the mouse embryo. Developmental Biology, 2021, 470, 84-94.	0.9	10
1469	Dual roles of TGF-β signaling in the regulation of dental epithelial cell proliferation. Journal of Molecular Histology, 2021, 52, 77-86.	1.0	5
1470	Bromodomain and extra-terminal motif (BET) inhibition is synthetic lethal with loss of SMAD4 in colorectal cancer cells via restoring the loss of MYC repression. Oncogene, 2021, 40, 937-950.	2.6	15
1471	Receptor binding competition: A paradigm for regulating TGF-Î ² family action. Cytokine and Growth Factor Reviews, 2021, 57, 39-54.	3.2	49
1472	A pan-cancer atlas of somatic mutations in miRNA biogenesis genes. Nucleic Acids Research, 2021, 49, 601-620.	6.5	26
1473	SMAD4 mutations and cross-talk between TGF-β/IFNγ signaling accelerate rates of DNA damage and cellular senescence, resulting in a segmental progeroid syndrome—the Myhre syndrome. GeroScience, 2021, 43, 1481-1496.	2.1	9
1474	REMOVED: Natural products as modulators of signaling in inflammation. , 2021, , 21e.		8
1475	Smad3-Targeted Therapy Protects against Cisplatin-Induced AKI by Attenuating Programmed Cell Death and Inflammation via a NOX4-Dependent Mechanism. Kidney Diseases (Basel, Switzerland), 2021, 7, 372-390.	1.2	11
1476	Osteogenic differentiation characteristics of hip joint capsule fibroblasts obtained from patients with ankylosing spondylitis. Annals of Translational Medicine, 2021, 9, 331-331.	0.7	8
1477	Structural sequencing and anti-inflammatory, anti-lung cancer activities of 1,4-α/β-sulfomalonoglucan in Antrodia cinnamomea. International Journal of Biological Macromolecules, 2021, 170, 307-316.	3.6	6
1478	Recent progress in TGF-Î ² inhibitors for cancer therapy. Biomedicine and Pharmacotherapy, 2021, 134, 111046.	2.5	77
1479	The role of miRâ \in 29 family in disease. Journal of Cellular Biochemistry, 2021, 122, 696-715.	1.2	46
1480	Electrical stimulation enhances early palatal wound healing in mice. Archives of Oral Biology, 2021, 122, 105028.	0.8	7
1482	An Ultrasoft Selfâ€Fused Supramolecular Polymer Hydrogel for Completely Preventing Postoperative Tissue Adhesion. Advanced Materials, 2021, 33, e2008395.	11.1	104
1483	Recent Developed Strategies for Enhancing Chondrogenic Differentiation of MSC: Impact on MSC-Based Therapy for Cartilage Regeneration. Stem Cells International, 2021, 2021, 1-15.	1.2	31
1484	Impact of the Olig Family on Neurodevelopmental Disorders. Frontiers in Neuroscience, 2021, 15, 659601.	1.4	16
1485	TGFB1/INHBA Homodimer/Nodal-SMAD2/3 Signaling Network: A Pivotal Molecular Target in PDAC Treatment. Molecular Therapy, 2021, 29, 920-936.	3.7	31

#	Article	IF	CITATIONS
1486	The role of heat shock proteins in the regulation of fibrotic diseases. Biomedicine and Pharmacotherapy, 2021, 135, 111067.	2.5	12
1487	Myostatin Inhibition-Induced Increase in Muscle Mass and Strength Was Amplified by Resistance Exercise Training, and Dietary Essential Amino Acids Improved Muscle Quality in Mice. Nutrients, 2021, 13, 1508.	1.7	12
1488	Cav1 channels is also a story of non excitable cells: Application to calcium signalling in two different non related models. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118996.	1.9	3
1489	Adipose-Derived Mesenchymal Stem Cells (AD-MSCs) against Ultraviolet (UV) Radiation Effects and the Skin Photoaging. Biomedicines, 2021, 9, 532.	1.4	29
1490	Accumulated Knowledge of Activin Receptor-Like Kinase 2 (ALK2)/Activin A Receptor, Type 1 (ACVR1) as a Target for Human Disorders. Biomedicines, 2021, 9, 736.	1.4	7
1491	ZNF224 is a mediator of TGF-β pro-oncogenic function in melanoma. Human Molecular Genetics, 2021, 30, 2100-2109.	1.4	14
1492	Fibrosis: Sirtuins at the checkpoints of myofibroblast differentiation and profibrotic activity. Wound Repair and Regeneration, 2021, 29, 650-666.	1.5	6
1493	PTX3 Regulation of Inflammation, Hemostatic Response, Tissue Repair, and Resolution of Fibrosis Favors a Role in Limiting Idiopathic Pulmonary Fibrosis. Frontiers in Immunology, 2021, 12, 676702.	2.2	27
1494	Estrogen deficiency affects tooth formation and gene expression in the odontogenic region of female rats. Annals of Anatomy, 2021, 236, 151702.	1.0	7
1495	Bone morphogenic protein-2 signaling in human disc degeneration and correlation to the Pfirrmann MRI grading system. Spine Journal, 2021, 21, 1205-1216.	0.6	11
1496	Vascular biology of uterine fibroids: connecting fibroids and vascular disorders. Reproduction, 2021, 162, R1-R18.	1.1	22
1497	An Overview of Investigational and Experimental Drug Treatment Strategies for Marfan Syndrome. Journal of Experimental Pharmacology, 2021, Volume 13, 755-779.	1.5	5
1499	Metastatic Breast Cancer, Organotropism and Therapeutics: A Review. Current Cancer Drug Targets, 2021, 21, 813-828.	0.8	6
1500	Cardiac-derived TGF-β1 confers resistance to diet-induced obesity through the regulation of adipocyte size and function. Molecular Metabolism, 2021, 54, 101343.	3.0	4
1501	Pathophysiological communication between hepatocytes and non-parenchymal cells in liver injury from NAFLD to liver fibrosis. Advanced Drug Delivery Reviews, 2021, 176, 113869.	6.6	111
1502	Myeloid-Derived Suppressor Cells Alleviate Renal Fibrosis Progression via Regulation of CCL5-CCR5 Axis. Frontiers in Immunology, 2021, 12, 698894.	2.2	12
1503	The traditional uses, phytochemistry, and pharmacological properties of Paris L. (Liliaceae): A review. Journal of Ethnopharmacology, 2021, 278, 114293.	2.0	31
1504	Therapeutic hydrogel sheets programmed with multistage drug delivery for effective treatment of corneal abrasion. Chemical Engineering Journal, 2022, 429, 132409.	6.6	30

# 1505	ARTICLE Endostatin in fibrosis and as a potential candidate of anti-fibrotic therapy. Drug Delivery, 2021, 28, 2051-2061.	IF 2.5	Citations
1506	Activins and inhibins: Physiological roles, signaling mechanisms and regulation. , 2005, , 1-28.		2
1507	Regulatory Role of TGF-β in Cardiac Myofibroblast Function and Post-MI Cardiac Fibrosis: Key Roles of Smad7 and c-Ski. , 2008, , 249-266.		1
1508	Activin, TCF-β and Menin in Pituitary Tumorigenesis. Advances in Experimental Medicine and Biology, 2009, 668, 69-78.	0.8	22
1509	Early Eye Development: Specification and Determination. , 2013, , 1-36.		4
1510	Cytokines, Chemokines and Growth Factors in the Pathogenesis and Treatment of Inflammatory Bowel Disease. Advances in Experimental Medicine and Biology, 2003, , 252-285.	0.8	11
1511	Cellular Signals Mediating Growth Arrest After Polyamine Depletion. , 2006, , 51-73.		1
1512	The Role of TGF- \hat{I}^2 in Bleomycin Induced Pulmonary Fibrosis. , 2008, , 581-594.		2
1513	Ski, SnoN, and Akt as Negative Regulators of Smad Activity: Balancing Cell Death and Cell Survival. , 2008, , 139-153.		1
1514	Transforming Growth Factor- \hat{I}^2 (TGF- \hat{I}^2) Signaling Inhibitors in Cancer Therapy. , 2008, , 573-587.		1
1515	Recent Advances in Understanding Mechanisms of TGF Beta Signaling and Its Role in Glioma Pathogenesis. Advances in Experimental Medicine and Biology, 2020, 1202, 179-201.	0.8	33
1516	Bone morphogenetic protein receptors and their nuclear effectors in bone formation. , 2004, , 9-44.		3
1517	Bone morphogenetic proteins and the synovial joints. , 2002, , 223-248.		6
1518	Bone morphogenetic protein receptors and their nuclear effectors in bone formation. , 2002, , 31-60.		5
1519	Inhibition of the TGF-Î ² Signaling Pathway in Tumor Cells. , 2007, 172, 77-97.		5
1520	Transcription Factors That Regulate Macrophage Development and Function. Handbook of Experimental Pharmacology, 2003, , 11-40.	0.9	4
1521	Major Signaling Pathways Regulating the Proliferation and Differentiation of Mesenchymal Stem Cells. , 2013, , 75-100.		4
1522	Fat-Cell Development. , 2005, , 315-345.		30

#	Article	IF	Citations
1523	BMPs in Development. , 2003, , 833-837.		1
1524	Glucocorticoid-Induced Osteoporosis. , 2001, , 169-193.		5
1525	Effect of UVA1 on hypertrophic scarring in the rabbit ear model. Bioscience Reports, 2020, 40, .	1.1	4
1526	Ectopic Expression of Inhibitors of Protein Phosphatase Type 1 (PP1) Can Be Used to Analyze Roles of PP1 in Drosophila Development. Genetics, 2003, 164, 235-245.	1.2	19
1527	Role of Blood-Brain Barrier Dysfunction in Epileptogenesis. , 2012, , 353-361.		20
1529	Controlling TGF-Î ² signaling. Genes and Development, 2000, 14, 627-644.	2.7	1,384
1530	Smad3 recruits the anaphase-promoting complex for ubiquitination and degradation of SnoN. Genes and Development, 2001, 15, 2822-2836.	2.7	197
1531	Immunohistochemical evaluation of phosphorylated SMAD2/SMAD3 and the co-activator P300 in human glomerulonephritis: correlation with renal injury. Journal of Cellular and Molecular Medicine, 2006, 10, 908-921.	1.6	11
1533	Ubiquitylation within signaling pathways in- and outside of inflammation. Thrombosis and Haemostasis, 2007, 97, 370-377.	1.8	10
1534	Single-cell RNA sequencing identifies TGF-β as a key regenerative cue following LPS-induced lung injury. JCI Insight, 2019, 4, .	2.3	111
1535	Phosphatidylserine-dependent ingestion of apoptotic cells promotes TGF-β1 secretion and the resolution of inflammation. Journal of Clinical Investigation, 2002, 109, 41-50.	3.9	886
1536	Phosphatidylserine-dependent ingestion of apoptotic cells promotes TGF-Î ² 1 secretion and the resolution of inflammation. Journal of Clinical Investigation, 2002, 109, 41-50.	3.9	583
1537	Role of protein kinase C-δ in the regulation of collagen gene expression in scleroderma fibroblasts. Journal of Clinical Investigation, 2001, 108, 1395-1403.	3.9	33
1538	TGF-&bgr/Smad signaling defects in inflammatory bowel disease: mechanisms and possible novel therapies for chronic inflammation. Journal of Clinical Investigation, 2001, 108, 523-526.	3.9	77
1539	Targeted disruption of TGF-β1/Smad3 signaling protects against renal tubulointerstitial fibrosis induced by unilateral ureteral obstruction. Journal of Clinical Investigation, 2003, 112, 1486-1494.	3.9	402
1540	Role of protein kinase C- $\hat{1}'$ in the regulation of collagen gene expression in scleroderma fibroblasts. Journal of Clinical Investigation, 2001, 108, 1395-1403.	3.9	122
1541	Targeted disruption of TGF-β1/Smad3 signaling protects against renal tubulointerstitial fibrosis induced by unilateral ureteral obstruction. Journal of Clinical Investigation, 2003, 112, 1486-1494.	3.9	670
1542	Human four-and-a-half LIM family members suppress tumor cell growth through a TGF-β–like signaling pathway. Journal of Clinical Investigation, 2009, 119, 349-61.	3.9	125

#	Article	IF	CITATIONS
1543	TGF-β/SMAD signaling regulation of mesenchymal stem cells in adipocyte commitment. Stem Cell Research and Therapy, 2020, 11, 41.	2.4	95
1544	Transforming growth factor β signal transduction. Journal of Leukocyte Biology, 2002, 71, 731-740.	1.5	170
1545	A HOX complex, a repressor element and a 50 bp sequence confer regional specificity to a DPP-responsive enhancer. Development (Cambridge), 2001, 128, 2833-2845.	1.2	43
1546	The <i>Drosophila</i> sex determination hierarchy modulates <i>wingless</i> and <i>decapentaplegic</i> signaling to deploy <i>dachshund</i> sex-specifically in the genital imaginal disc. Development (Cambridge), 2001, 128, 1643-1656.	1.2	88
1547	The transcription factor Schnurri plays a dual role in mediating Dpp signaling during embryogenesis. Development (Cambridge), 2001, 128, 1657-1670.	1.2	35
1548	<i>Mixl1</i> is required for axial mesendoderm morphogenesis and patterning in the murine embryo. Development (Cambridge), 2002, 129, 3597-3608.	1.2	188
1549	The BMP/BMPR/Smad pathway directs expression of the erythroid-specific EKLF and GATA1 transcription factors during embryoid body differentiation in serum-free media. Development (Cambridge), 2002, 129, 539-549.	1.2	85
1550	The expression of TGFβ signal transducers in the hypodermis regulates body size in <i>C. elegans</i> . Development (Cambridge), 2002, 129, 4989-4998.	1.2	82
1551	Calmodulin-dependent protein kinase IV mediated antagonism of BMP signaling regulates lineage and survival of hematopoietic progenitors. Development (Cambridge), 2002, 129, 1455-1466.	1.2	20
1552	Sonic hedgehog increases the commitment of pluripotent mesenchymal cells into the osteoblastic lineage and abolishes adipocytic differentiation. Journal of Cell Science, 2001, 114, 2085-2094.	1.2	227
1553	Smad regulation in TGF- \hat{l}^2 signal transduction. Journal of Cell Science, 2001, 114, 4359-4369.	1.2	802
1554	Synergistic effects of different bone morphogenetic protein type I receptors on alkaline phosphatase induction. Journal of Cell Science, 2001, 114, 1483-1489.	1.2	192
1555	Dual regulation of telomerase activity through c-Myc-dependent inhibition and alternative splicing of hTERT. Journal of Cell Science, 2002, 115, 1305-1312.	1.2	84
1556	Growth Factors, Heat-Shock Proteins and Regeneration in Echinoderms. Journal of Experimental Biology, 2001, 204, 843-848.	0.8	42
1557	Dioscorea alata Attenuates Renal Interstitial Cellular Fibrosis by Regulating Smad- and Epithelial-Mesenchymal Transition Signaling Pathways. PLoS ONE, 2012, 7, e47482.	1.1	23
1558	Cooperative Assembly of Co-Smad4 MH1 with R-Smad1/3 MH1 on DNA: A Molecular Dynamics Simulation Study. PLoS ONE, 2013, 8, e53841.	1.1	10
1559	Downregulation of OPA3 Is Responsible for Transforming Growth Factor-Î ² -Induced Mitochondrial Elongation and F-Actin Rearrangement in Retinal Pigment Epithelial ARPE-19 Cells. PLoS ONE, 2013, 8, e63495.	1.1	14
1560	Pin1 Null Mice Exhibit Low Bone Mass and Attenuation of BMP Signaling. PLoS ONE, 2013, 8, e63565.	1.1	18

#	Article	IF	CITATIONS
1561	Identification of a Novel Link between the Protein Kinase NDR1 and TGFÎ ² Signaling in Epithelial Cells. PLoS ONE, 2013, 8, e67178.	1.1	23
1562	BDNF Is Associated with SFRP1 Expression in Luminal and Basal-Like Breast Cancer Cell Lines and Primary Breast Cancer Tissues: A Novel Role in Tumor Suppression?. PLoS ONE, 2014, 9, e102558.	1.1	23
1563	Shigella dysenteriae Modulates BMP Pathway to Induce Mucin Gene Expression In Vivo and In Vitro. PLoS ONE, 2014, 9, e111408.	1.1	9
1564	Amniotic Membrane Modifies the Genetic Program Induced by TGFß, Stimulating Keratinocyte Proliferation and Migration in Chronic Wounds. PLoS ONE, 2015, 10, e0135324.	1.1	32
1565	Interleukin17A Promotes Postoperative Cognitive Dysfunction by Triggering β-Amyloid Accumulation via the Transforming Growth Factor-β (TGFβ)/Smad Signaling Pathway. PLoS ONE, 2015, 10, e0141596.	1.1	38
1566	Developmental expression of Smad1-7 suggests critical function of TGF-beta/BMP signaling in regulating epithelialmesenchymal interaction during tooth morphogenesis. International Journal of Developmental Biology, 2003, 47, 31-40.	0.3	51
1567	Transforming growth factor beta2 promotes the formation of the mouse cochleovestibular ganglion in organ culture. International Journal of Developmental Biology, 2005, 49, 23-31.	0.3	8
1568	Co-transfection of hepatocyte growth factor and truncated TGF-β type II receptor inhibit scar formation. Brazilian Journal of Medical and Biological Research, 2020, 53, e9144.	0.7	4
1569	Intrauterine adhesions: genetic risk factors (a review). Russian Journal of Human Reproduction, 2017, 23, 43.	0.1	2
1570	TGF beta signalling and its role in tumour pathogenesis Acta Biochimica Polonica, 2005, 52, 329-337.	0.3	147
1571	Halofuginone inhibits radiotherapy-induced epithelial-mesenchymal transition in lung cancer. Oncotarget, 2016, 7, 71341-71352.	0.8	15
1572			
	Prognostic value of loss of heterozygosity and sub-cellular localization of SMAD4 varies with tumor stage in colorectal cancer. Oncotarget, 2017, 8, 20198-20212.	0.8	21
1573		0.8	21 20
1573 1574	stage in colorectal cancer. Oncotarget, 2017, 8, 20198-20212. The metastasis suppressor CD82/KAI1 regulates cell migration and invasion via inhibiting TGF-Î2 1/Smad		
	stage in colorectal cancer. Oncotarget, 2017, 8, 20198-20212. The metastasis suppressor CD82/KAI1 regulates cell migration and invasion via inhibiting TGF-Î ² 1/Smad signaling in renal cell carcinoma. Oncotarget, 2017, 8, 51559-51568. THE ROLE OF GROWTH FACTORS IN THE REPAIR OF BONE. Journal of Bone and Joint Surgery - Series A,	0.8	20
1574	 stage in colorectal cancer. Oncotarget, 2017, 8, 20198-20212. The metastasis suppressor CD82/KAI1 regulates cell migration and invasion via inhibiting TGF-Î² 1/Smad signaling in renal cell carcinoma. Oncotarget, 2017, 8, 51559-51568. THE ROLE OF GROWTH FACTORS IN THE REPAIR OF BONE. Journal of Bone and Joint Surgery - Series A, 2002, 84, 1032-1044. NEGATIVE REGULATION OF BMP SIGNALING BY THE SKI ONCOPROTEIN. Journal of Bone and Joint Surgery - 	0.8	20 800
1574 1575	 stage in colorectal cancer. Oncotarget, 2017, 8, 20198-20212. The metastasis suppressor CD82/KAI1 regulates cell migration and invasion via inhibiting TGF.Î² 1/Smad signaling in renal cell carcinoma. Oncotarget, 2017, 8, 51559-51568. THE ROLE OF GROWTH FACTORS IN THE REPAIR OF BONE. Journal of Bone and Joint Surgery - Series A, 2002, 84, 1032-1044. NEGATIVE REGULATION OF BMP SIGNALING BY THE SKI ONCOPROTEIN. Journal of Bone and Joint Surgery - Series A, 2003, 85, 39-43. The Current and Future Therapies for Human Osteosarcoma. Current Cancer Therapy Reviews, 2013, 9, 	0.8 1.4 1.4	20 800 33

	CITATION R	EPORT	
#	Article	IF	CITATIONS
1579	Growth factors involved in prostate carcinogenesis. Frontiers in Bioscience - Landmark, 2005, 10, 1355.	3.0	29
1580	Roles of TGF-beta in hepatic fibrosis. Frontiers in Bioscience - Landmark, 2002, 7, d793-807.	3.0	569
1581	Activation of hepatic stellate cells - a key issue in liver fibrosis. Frontiers in Bioscience - Landmark, 2002, 7, d808.	3.0	370
1582	Comparative Analysis of Five Different Homologous Feeder Cell Lines in the Ability to Support Rhesus Embryonic Stem Cells. Zoological Research, 2010, 30, 345-353.	0.6	5
1583	Evaluation of clinical relevance of examining K-ras, p16 and p53 mutations along with allelic losses at 9p and 18q in EUS-guided fine needle aspiration samples of patients with chronic pancreatitis and pancreatic cancer. World Journal of Gastroenterology, 2007, 13, 3714.	1.4	95
1584	LncRNA np_5318 promotes renal ischemia‑reperfusion injury through the TGF‑β/Smad signaling pathway. Experimental and Therapeutic Medicine, 2020, 19, 2833-2840.	0.8	7
1585	Thymosin β4 is associated with bone sialoprotein expression via ERK and Smad3 signaling pathways in MDPC-23 odontoblastic cells. International Journal of Molecular Medicine, 2018, 42, 2881-2890.	1.8	4
1586	Honokiol protects against epidural fibrosis byÂinhibiting fibroblast proliferation and extracellular matrix overproduction in rats postâ€ʿlaminectomy. International Journal of Molecular Medicine, 2020, 46, 2057-2068.	1.8	4
1587	4-O-Methylhonokiol Protects HaCaT Cells from TGF-β1-Induced Cell Cycle Arrest by Regulating Canonical and Non-Canonical Pathways of TGF-β Signaling. Biomolecules and Therapeutics, 2017, 25, 417-426.	1.1	5
1588	Testicular expression of the TGF- <i>î²</i> 1 system and the control of Leydig cell proliferation. Advances in Bioscience and Biotechnology (Print), 2013, 04, 1-7.	0.3	3
1589	Transforming growth factor-Î ² and smooth muscle differentiation. World Journal of Biological Chemistry, 2012, 3, 41.	1.7	95
1590	TGF-β-dependent Cell Growth Arrest and Apoptosis. BMB Reports, 2002, 35, 47-53.	1.1	47
1591	Fine Tuning and Cross-talking of TGF-Î ² Signal by Inhibitory Smads. BMB Reports, 2005, 38, 9-16.	1.1	95
1592	Lin28a attenuates TGF-β-induced renal fibrosis. BMB Reports, 2020, 53, 594-599.	1.1	17
1593	The effect of nano-scale topography on osteogenic differentiation of mesenchymal stem cells. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2014, 158, 005-016.	0.2	23
1595	Signalling Pathways in Development and Human Disease: A Drosophila Wing Perspective. , 0, , .		8
1596	De-repression of the RAC activator ELMO1 in cancer stem cells drives progression of TGFÎ ² -deficient squamous cell carcinoma from transition zones. ELife, 2017, 6, .	2.8	12
1597	ZNF224 Protein: Multifaceted Functions Based on Its Molecular Partners. Molecules, 2021, 26, 6296.	1.7	5

	Сітаті	on Report	
#	Article	IF	CITATIONS
1599	Signal Transduction Pathways Modulate Androgen Receptor Transcriptional Activity. , 2002, , 57-90.		0
1601	Bone Morphogenetic Protein Receptors and Actions. , 2002, , 929-942.		0
1604	TGF-Î ² Signaling and Carcinogenesis. , 2002, , 199-219.		0
1605	Endokrine Funktionen II: Zytokine. Springer-Lehrbuch, 2003, , 813-835.	0.1	0
1606	The Smads. , 2003, , 171-175.		0
1608	Extracellular Matrix. Lung Biology in Health and Disease, 2003, , 481-506.	0.1	0
1609	Smad Cofactors/Corepressors in the Fibrosed Post-MI Heart: Possible Therapeutic Targets. Progress in Experimental Cardiology, 2004, , 485-511.	0.0	0
1610	Bone morphogenetic proteins and the synovial joints. , 2004, , 187-212.		0
1611	Epidermal, Neuronal and Glial Cell Fate Choice in the Embryo. , 2004, , 315-341.		2
1612	Growth Factor Signaling Pathways in Cancer. , 2004, , 267-315.		0
1613	Signaling Molecules for Tissue Engineering. , 2004, , 125-147.		0
1614	Immunohistochemical evaluation of phosphorylated SMAD2/SMAD3 and the co-activator P300 in human glomerulonephritis: correlation with renal injury. Journal of Cellular and Molecular Medicine, 2006, 10, 1-14.	1.6	0
1615	Pulmonary Arterial Hypertension. , 2007, , 2203-2246.		0
1617	Perturbations of TGF-Î ² Signaling in Leukocytes as Drivers of Leukemogenesis and Epithelial Tumorigenesis. , 2008, , 181-202.		0
1618	Triterpenoids, Vitamin D, and TGF-β/Smad Signaling in Inflammation and Cancer. , 2008, , 525-547.		0
1619	Transforming Growth Factor- \hat{l}^2 Signaling in Pancreas Development and Pancreatic Disease. , 2008, , 3-19.		0
1620	Nuclear Targeting of TGF-Î ² -Activated Smads in Normal and Tumor Biology. , 2008, , 125-136.		0
1621	TGF-Î ² and HER2/ErbB2 and Breast Cancer Progression. , 2008, , 141-151.		0

#	Article	IF	CITATIONS
1622	Bone Morphogenetic Proteins/Growth Differentiation Factors and Smad Activation in Ovarian Granulosa Cells and Carcinoma. , 2008, , 425-450.		0
1623	Overexpressed Truncated TGF-β Type II Receptor Inhibits Fibrotic Behavior of Keloid Fibroblasts In Vitro and Experimental Scar Formation In Vivo. , 2008, , 703-721.		0
1624	TGF-Î ² and Progression of Esophageal Cancer. , 2008, , 133-140.		0
1625	Transforming Growth Factor-ß Signaling in Bladder Fibrosis . Annual Review of Biomedical Sciences, 2008, 10, .	0.5	0
1626	Smad-dependent Expression of Gadd45b Gene during TGF-β-induced Apoptosis in EpH4 Cells Journal of Life Science, 2008, 18, 461-466.	0.2	0
1627	TGFÎ ² Signaling in Head and Neck Cancer Development and Metastases. , 2009, , 163-183.		0
1628	Dual Roles of Mesenchymal Stem Cells in Spinal Cord Injury: Cell Replacement Therapy and as a Model System to Understand Axonal Repair. , 2010, , 271-284.		0
1629	BMPs in Development. , 2010, , 1905-1912.		1
1631	Molecular Mechanisms of Central Nervous System Metastasis. , 2010, , 167-177.		0
1632	Smad4/TGF-β Signaling Pathways in Pancreatic Cancer Pathogenesis. , 2010, , 419-439.		0
1633	The Role of Human Postnatal Bone Marrow-Derived Mesenchymal Stem Cells and Their Importance in Growth, Spinal Cord Injury and Other Neurodegenerative Disorders. , 2012, , 1273-1287.		0
1634	Pathogenesis of Renovascular Hypertension: Challenges and Controversies. , 0, , .		0
1635	Regulation of RANKL-Induced Osteoclastogenesis by TGF- \hat{l}^2 ., 2013, , 103-107.		0
1636	TGF-β and Inhibitory Smads in Inflammation. , 2013, , 279-294.		0
1637	Role of Bone Morphogenetic Proteins in Valvulogenesis. , 2013, , 307-315.		0
1638	Mouse Models of Calcific Aortic Valve Disease. , 2014, , 67-80.		1
1639	Transforming Growth Factor-ß and Connective Tissue Growth Factor. , 2016, , 137-153.		0
1640	Clinical significance of cytokine genes polymorphism combination determination in patients with chronic hepatitis C. Bukovinian Medical Herald, 2016, 20, 7-11.	0.1	0

#	Article	IF	CITATIONS
1643	Gene Therapy in Pathologic Scars. , 2018, , 37-48.		1
1644	Human Urothelial Cells Isolation, In Vitro Expansion and Characterization for Evaluating Bio-Engineering Potentials. , 2018, 2, 1-13.		85
1647	Precancerous niche (PCN), a product of fibrosis with remodeling by incessant chronic inflammation. 40pen, 2019, 2, 11.	0.1	5
1649	Astragaloside IV attenuates high glucose-induced EMT by inhibiting the TGF-β/Smad pathway in renal proximal tubular epithelial cells. Bioscience Reports, 2020, 40, .	1.1	19
1650	Uterine fibroids: the role of signaling pathways in the pathogenesis. A literature review. Journal of Obstetrics and Women's Diseases, 2020, 69, 113-124.	0.0	4
1651	Depletion of Intestinal Stem Cell Niche Factors Contributes to the Alteration of Epithelial Differentiation in SAMP1/YitFcsJ Mice With Crohn Disease-Like Ileitis. Inflammatory Bowel Diseases, 2021, 27, 667-676.	0.9	5
1653	Mutated USP9X associated TRIM33 inhibition in metastasis of Gingivo buccal Oral Squamous Cell Carcinoma. Eurasian Journal of Medicine and Oncology, 0, , .	1.0	0
1656	Epithelial to Mesenchymal Transition of Mesothelial Cells as a Mechanism Responsible for Peritoneal Membrane Failure in Peritoneal Dialysis Patients. , 2006, , 53-67.		0
1657	Transcriptional Regulation by Smads. , 2006, , 185-206.		0
1659	Primary Pulmonary Hypertension. , 2005, , 413-435.		0
1660	Genetic Pathways in Pancreatic Tumorigenesis. , 2008, , 513-526.		0
1664	Sciatic nerve crush evokes a biphasic TGF-beta and decorin modulation in the rat spinal cord. Hippokratia, 2010, 14, 37-41.	0.3	7
1665	Pax6 interacts with SPARC and TGF- \hat{I}^2 in murine eyes. Molecular Vision, 2012, 18, 951-6.	1.1	18
1667	BMP9 signaling in stem cell differentiation and osteogenesis. American Journal of Stem Cells, 2013, 2, 1-21.	0.4	122
1668	Epigenetic regulation of osteogenic and chondrogenic differentiation of mesenchymal stem cells in culture. Cell Journal, 2013, 15, 1-10.	0.2	60
1670	Uighur medicine abnormal savda munzip (ASMq) suppresses expression of collagen and TGF-β1 with concomitant induce Smad7 in human hypertrophic scar fibroblasts. International Journal of Clinical and Experimental Medicine, 2015, 8, 8551-60.	1.3	4
1671	Overexpression of RACK1 inhibits collagen synthesis in keloid fibroblasts via inhibition of transforming growth factor-1²1/Smad signaling pathway. International Journal of Clinical and Experimental Medicine, 2015, 8, 15262-8.	1.3	8
1672	Diosgenin attenuates hepatic stellate cell activation through transforming growth factor-î²/Smad signaling pathway. International Journal of Clinical and Experimental Medicine, 2015, 8, 20323-9.	1.3	9

#	Article	IF	CITATIONS
1673	Molecular basis of differentiation therapy for soft tissue sarcomas. Trends in Cancer Research, 2010, 6, 69-90.	1.6	6
1674	PAI-1 secretion of endometrial and endometriotic cells is Smad2/3- and ERK1/2-dependent and influences cell adhesion. American Journal of Translational Research (discontinued), 2016, 8, 2394-402.	0.0	4
1675	The Chinese medicine, Jianpi Huayu Decoction, inhibits the epithelial mesenchymal transition via the regulation of the Smad3/Smad7 cascade. American Journal of Translational Research (discontinued), 2017, 9, 2694-2711.	0.0	10
1676	Impact of α-adrenoceptor antagonists on prostate cancer development, progression and prevention. American Journal of Clinical and Experimental Urology, 2019, 7, 46-60.	0.4	5
1677	HEY2 acting as a co-repressor with smad3 and smad4 interferes with the response of TGF-beta in hepatocellular carcinoma. American Journal of Translational Research (discontinued), 2019, 11, 4367-4381.	0.0	3
1678	PAK4 enhances TGF-β1-induced epithelial-mesenchymal transition through activating β-catenin signaling pathway in renal tubular epithelial cells. International Journal of Clinical and Experimental Pathology, 2018, 11, 3026-3035.	0.5	2
1679	Alterations in TGFÎ ² signaling during prostate cancer progression. American Journal of Clinical and Experimental Urology, 2021, 9, 318-328.	0.4	0
1680	Inner nuclear membrane protein TMEM201 promotes breast cancer metastasis by positive regulating TGFβ signaling. Oncogene, 2022, 41, 647-656.	2.6	8
1681	Extracellular vesicles from hypoxia-preconditioned microglia promote angiogenesis and repress apoptosis in stroke mice via the TGF-β/Smad2/3 pathway. Cell Death and Disease, 2021, 12, 1068.	2.7	53
1682	Regulatory role of dihydrotestosterone on BMP-6 receptors in granular cells of sheep antral follicles. Gene, 2021, 810, 146066.	1.0	1
1683	Nuclear respiratory factor-1 negatively regulates TGF-β1 and attenuates pulmonary fibrosis. IScience, 2022, 25, 103535.	1.9	10
1684	Growth Factor Roles in Soft Tissue Physiology and Pathophysiology. Advances in Experimental Medicine and Biology, 2021, 1348, 139-159.	0.8	5
1685	TGF-β1/SMADs signaling involved in alleviating inflammation induced by nanoparticulate titanium dioxide in BV2 cells. Toxicology in Vitro, 2022, 80, 105303.	1.1	5
1686	Protective roles of mesenchymal stem cells on skin photoaging: A narrative review. Tissue and Cell, 2022, 76, 101746.	1.0	9
1687	Identification of a TGF-β1 homologue in the large yellow croaker (Larimichthys crocea) revealed its role in regulation of immune response. , 2022, 1, 100006.		3
1688	Signaling Pathways Regulating Axogenesis and Dendritogenesis in Sympathetic Neurons. Physiology, 0,	4.0	0
1689	The Search for Biomarkers and Treatments in Chagas Disease: Insights From TGF-Beta Studies and Immunogenetics. Frontiers in Cellular and Infection Microbiology, 2021, 11, 767576.	1.8	8
1690	Chemical Distance Measurement and System Pharmacology Approach Uncover the Novel Protective Effects of Biotransformed Ginsenoside C-Mc against UVB-Irradiated Photoaging. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-23.	1.9	2

#	Article	IF	CITATIONS
1691	TFPI2 suppresses the interaction of TGF-β2 pathway regulators to promote endothelial–mesenchymal transition in diabetic nephropathy. Journal of Biological Chemistry, 2022, 298, 101725.	1.6	9
1692	Genetics of anti-Müllerian hormone and its signaling pathway. Best Practice and Research in Clinical Endocrinology and Metabolism, 2022, 36, 101634.	2.2	14
1693	Overexpression of MUC1 Induces Non-Canonical TGF-β Signaling in Pancreatic Ductal Adenocarcinoma. Frontiers in Cell and Developmental Biology, 2022, 10, 821875.	1.8	8
1695	Hyperglycemia attenuates fibroblast contractility via suppression of TβRII receptor modulated α-smooth muscle actin expression. Biotechnology and Biotechnological Equipment, 2022, 36, 35-44.	0.5	3
1696	Targeting key proteins involved in transcriptional regulation for cancer therapy: Current strategies and future prospective. Medicinal Research Reviews, 2022, 42, 1607-1660.	5.0	20
1697	BMP2 increases hyperplasia and hypertrophy of bovine subcutaneous preadipocytes via BMP/SMAD signaling. In Vitro Cellular and Developmental Biology - Animal, 2022, 58, 210-219.	0.7	5
1698	The Interplay Between TGF-β Signaling and Cell Metabolism. Frontiers in Cell and Developmental Biology, 2022, 10, 846723.	1.8	24
1699	Hypoxia induces proliferation via NOX4-Mediated oxidative stress and TGF-β3 signaling in uterine leiomyoma cells. Free Radical Research, 2022, 56, 163-172.	1.5	7
1700	SMAD4 TGF-β–independent function preconditions naive CD8+ T cells to prevent severe chronic intestinal inflammation. Journal of Clinical Investigation, 2022, 132, .	3.9	18
1705	Diagnostic and therapeutic biomarkers in colorectal cancer: a review American Journal of Cancer Research, 2022, 12, 661-680.	1.4	0
1706	Transforming Growth Factor Beta Promotes the Expansion of Cancer Stem Cells <i>via</i> S1PR3 by Ligand-Independent Notch Activation. Biological and Pharmaceutical Bulletin, 2022, 45, 649-658.	0.6	2
1707	Cinnamomum bejolghota Extract Inhibits Colorectal Cancer Cell Metastasis and TGF-β1-Induced Epithelial-Mesenchymal Transition via Smad and Non-Smad Signaling Pathway. Scientia Pharmaceutica, 2022, 90, 30.	0.7	1
1708	The MicroRNA-Signaling-Peroxisome Proliferator-Activated Receptor Gamma Connection in the Modulation of Adipogenesis: Bioinformatics Projection on Chicken. Poultry Science, 2022, , 101950.	1.5	3
1709	TGFβ-Treated Placenta-Derived Mesenchymal Stem Cells Selectively Promote Anti-Adipogenesis in Thyroid-Associated Ophthalmopathy. International Journal of Molecular Sciences, 2022, 23, 5603.	1.8	4
1710	Cells, cytokines, and factors involved in profibrogenic pathways. , 2022, , 55-83.		0
1711	Hypertrophic Effect of Chondrogenic Differentiation Medium Supplemented with BMP-9 and TGFß-3 in Transwell Culture. Kocatepe Veteriner Dergisi, 0, , .	0.2	0
1712	Autophagy regulates transforming growth factor Î ² signaling and receptor trafficking. Biochimica Et Biophysica Acta - Molecular Cell Research, 2022, 1869, 119284.	1.9	6
1714	Shenkang Injection for Treating Renal Fibrosis-Metabonomics and Regulation of E3 Ubiquitin Ligase Smurfs on TGF-β/Smads Signal Transduction. Frontiers in Pharmacology, 2022, 13, .	1.6	4

#	Article	IF	CITATIONS
1715	Suppression of TGFâ€Î²/Smad2 signaling by GW788388 enhances DENVâ€2 clearance in macrophages. Journal of Medical Virology, 2022, 94, 4359-4368.	2.5	3
1717	PTPα promotes fibroproliferative responses after acute lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2022, 323, L69-L83.	1.3	3
1718	Biomarkers in Primary Focal Segmental Glomerulosclerosis in Optimal Diagnostic-Therapeutic Strategy. Journal of Clinical Medicine, 2022, 11, 3292.	1.0	7
1719	SMAD4 Controls Cancer Cell Metabolism by Regulating Methylmalonic Aciduria Cobalamin Deficiency (cbl) B Type. Molecules and Cells, 2022, 45, 413-424.	1.0	2
1720	Species-specific sensitivity to TGFβ signaling and changes to the Mmp13 promoter underlie avian jaw development and evolution. ELife, 0, 11, .	2.8	3
1721	Osteoporosis treatment by mesenchymal stromal/stem cells and their exosomes: Emphasis on signaling pathways and mechanisms. Life Sciences, 2022, 306, 120717.	2.0	5
1722	Altered expression of activating transcription factor 3 in the hippocampus of patients with mesial temporal lobe epilepsy-hippocampal sclerosis (MTLE-HS). International Journal of Neuroscience, 2024, 134, 267-273.	0.8	2
1724	Molecular Characterization of TGF-Beta Gene Family in Buffalo to Identify Gene Duplication and Functional Mutations. Genes, 2022, 13, 1302.	1.0	7
1725	Regulation of bone phosphorus retention and bone development possibly by BMP and MAPK signaling pathways in broilers. Journal of Integrative Agriculture, 2022, 21, 3017-3025.	1.7	3
1726	Effects of topical docosahexaenoic acid on postoperative fibrosis in an animal model of glaucoma filtration surgery. Acta Ophthalmologica, 2023, 101, .	0.6	1
1727	An improved diagnostic tool to predict cartilage formation in an osteoarthritic joint environment. Tissue Engineering - Part A, O, , .	1.6	0
1728	Therapeutic Potential of the Combination of Pentoxifylline and Vitamin-E in Inflammatory Bowel Disease: Inhibition of Intestinal Fibrosis. Journal of Clinical Medicine, 2022, 11, 4713.	1.0	6
1729	Importance of Fibrosis in the Pathogenesis of Uterine Leiomyoma and the Promising Anti-fibrotic Effects of Dipeptidyl Peptidase-4 and Fibroblast Activation Protein Inhibitors in the Treatment of Uterine Leiomyoma. Reproductive Sciences, 2023, 30, 1383-1398.	1.1	4
1730	Molecular Characterization, Expression Profiles of SMAD4, SMAD5 and SMAD7 Genes and Lack of Association with Litter Size in Tibetan Sheep. Animals, 2022, 12, 2232.	1.0	3
1731	Astrocytic NDRG2-PPM1A interaction exacerbates blood-brain barrier disruption after subarachnoid hemorrhage. Science Advances, 2022, 8, .	4.7	21
1732	The TFEB-TGIF1 axis regulates EMT in mouse epicardial cells. Nature Communications, 2022, 13, .	5.8	3
1733	Constructing a Novel Prognostic Signature Based on TGF-β Signaling for Personalized Treatment in Pancreatic Adenocarcinoma. Journal of Oncology, 2022, 2022, 1-15.	0.6	1
1734	Fibrotic Response of Human Trabecular Meshwork Cells to Transforming Growth Factor-Beta 3 and Autotaxin in Aqueous Humor. Biomolecules, 2022, 12, 1231.	1.8	3

#	Article	IF	CITATIONS
1735	BMP15 Modulates the H19/miR-26b/SMAD1 Axis Influences Yak Granulosa Cell Proliferation, Autophagy, and Apoptosis. Reproductive Sciences, 2023, 30, 1266-1280.	1.1	1
1736	Signaling pathways in the regulation of cancer stem cells and associated targeted therapy. MedComm, 2022, 3, .	3.1	14
1737	Transforming growth factor- \hat{l}^2 in tumour development. Frontiers in Molecular Biosciences, 0, 9, .	1.6	18
1738	Quantitative analysis of transcriptome dynamics provides novel insights into developmental state transitions. BMC Genomics, 2022, 23, .	1.2	4
1739	Structure-Guide Design and Optimization of Potential Druglikeness Inhibitors for TGFβRI with the Pyrrolopyrimidine Scaffold. Pharmaceuticals, 2022, 15, 1264.	1.7	0
1740	Free radicals, antioxidants, nuclear factor-E2-related factor-2 and liver damage. Vitamins and Hormones, 2023, , 271-292.	0.7	0
1741	Myofibroblast specific targeting approaches to improve fibrosis treatment. Chemical Communications, 2022, 58, 13556-13571.	2.2	9
1742	A newborn male with Myhre syndrome, hearing loss, and complete syndactyly of fingers 3–4. Molecular Genetics & Genomic Medicine, 0, , .	0.6	1
1743	Systematic discovery and functional dissection of enhancers needed for cancer cell fitness and proliferation. Cell Reports, 2022, 41, 111630.	2.9	10
1744	The Effect of TGFβ1 in Adipocyte on Inflammatory and Fibrotic Markers at Different Stages of Adipocyte Differentiation. Pathophysiology, 2022, 29, 640-649.	1.0	0
1745	TGF-β/Smad Signalling Activation by HTRA1 Regulates the Function of Human Lens Epithelial Cells and Its Mechanism in Posterior Subcapsular Congenital Cataract. International Journal of Molecular Sciences, 2022, 23, 14431.	1.8	1
1746	Expression and Polymorphisms of SMAD1, SMAD2 and SMAD3 Genes and Their Association with Litter Size in Tibetan Sheep (Ovis aries). Genes, 2022, 13, 2307.	1.0	3
1747	A novel germline <i>SMAD4</i> variant detected in a Japanese family with juvenile polyposis syndrome and hereditary hemorrhagic telangiectasia. Japanese Journal of Clinical Oncology, 2023, 53, 275-279.	0.6	1
1748	Transcription factors in the pathogenesis of pulmonary arterial hypertension—Current knowledge and therapeutic potential. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	0
1749	Interplay between integrins and cadherins to control bone differentiation upon BMP-2 stimulation. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	2
1750	Squalene epoxidase promotes hepatocellular carcinoma development by activating STRAP transcription and TGFâ€Î²/SMAD signalling. British Journal of Pharmacology, 2023, 180, 1562-1581.	2.7	12
1751	Amphiregulin induces CCN2 and fibronectin expression by TGF-β through EGFR-dependent pathway in lung epithelial cells. Respiratory Research, 2022, 23, .	1.4	3
1752	4-Methylumbelliferone Targets Revealed by Public Data Analysis and Liver Transcriptome Sequencing. International Journal of Molecular Sciences, 2023, 24, 2129.	1.8	3

#	Article	IF	CITATIONS
1753	Large scale phenotype imputation and in vivo functional validation implicate ADAMTS14 as an adiposity gene. Nature Communications, 2023, 14, .	5.8	0
1754	TGF-β in the microenvironment induces a physiologically occurring immune-suppressive senescent state. Cell Reports, 2023, 42, 112129.	2.9	9
1755	Probiotics as potential treatments to reduce myocardial remodelling and heart failure via the gut-heart axis: State-of-the-art review. Molecular and Cellular Biochemistry, 2023, 478, 2539-2551.	1.4	3
1756	Delayed inhibition of collagen deposition by targeting bone morphogenetic protein 1 promotes recovery after spinal cord injury. Matrix Biology, 2023, 118, 69-91.	1.5	3
1757	Prevention strategies of postoperative adhesion in soft tissues by applying biomaterials: Based on the mechanisms of occurrence and development of adhesions. Bioactive Materials, 2023, 26, 387-412.	8.6	8
1758	Novel Therapies for the Prevention of Fibrosis in Glaucoma Filtration Surgery. Biomedicines, 2023, 11, 657.	1.4	8
1759	Regulatory pathways of inflammation. , 2023, , 19-27.		0
1760	Computational modeling of TGF-β2:TβRI:TβRII receptor complex assembly as mediated byÂtheÂTGF-β coreceptor betaglycan. Biophysical Journal, 2023, 122, 1342-1354.	0.2	1
1761	The role of SMAD signaling in hypertrophic obstructive cardiomyopathy: an immunohistopathological study in pediatric and adult patients. Scientific Reports, 2023, 13, .	1.6	3
1762	MAPKs in the early steps of senescence implemEMTation. Frontiers in Cell and Developmental Biology, 0, 11, .	1.8	1
1773	The diverse genomic mechanisms of action of the vitamin D receptor. , 2024, , 241-259.		1
1776	Genetics and Otitis Media. , 2023, , 91-107.		Ο