Ying E Zhang

List of Publications by Year
in descending order

58 papers	15,152 citations	71102 41 h-index	133252 59 g-index
61 all docs	61 docs citations	61 times ranked	19392 citing authors

#	Article	IF	Citations
1	Oxy210, a Semi-Synthetic Oxysterol, Exerts Anti-Inflammatory Effects in Macrophages via Inhibition of Toll-like Receptor (TLR) 4 and TLR2 Signaling and Modulation of Macrophage Polarization. International Journal of Molecular Sciences, 2022, 23, 5478.	4.1	9
2	Transforming Growth Factor-Î²: An Agent of Change in the Tumor Microenvironment. Frontiers in Cell and Developmental Biology, 2021, 9, 764727.	3.7	29
3	Phosphorylation of SMURF2 by ATM exerts a negative feedback control of DNA damage response. Journal of Biological Chemistry, 2020, 295, 18485-18493.	3.4	8
4	SIRT7 Deacetylates STRAP to Regulate p53 Activity and Stability. International Journal of Molecular Sciences, 2020, 21, 4122.	4.1	13
5	Protection from Î²-cell apoptosis by inhibition of TGF-Î²/Smad3 signaling. Cell Death and Disease, 2020, 11, 184.	6.3	39
6	Inhibition of Non-Small Cell Lung Cancer Cells by Oxy210, an Oxysterol-Derivative that Antagonizes TGFÎ² and Hedgehog Signaling. Cells, 2019, 8, 1297.	4.1	12
7	Integration of TGF-Î²-induced Smad signaling in the insulin-induced transcriptional response in endothelial cells. Scientific Reports, 2019, 9, 16992.	3.3	15
8	TGF-Î²-induced alternative splicing of TAK1 promotes EMT and drug resistance. Oncogene, 2019, 38, 3185-3200.	5.9	64
9	T Cell Receptor-Regulated TGF-Î² Type I Receptor Expression Determines T Cell Quiescence and Activation. Immunity, 2018, 48, 745-759.e6.	14.3	73
10	Mechanistic insight into contextual TGF-Î² signaling. Current Opinion in Cell Biology, 2018, 51, 1-7.	5.4	74
11	Non-proteolytic ubiquitin modification of PPARÎ³ by Smurf1 protects the liver from steatosis. PLoS Biology, 2018, 16, e3000091.	5.6	19
12	Generation of Smurf2 Conditional Knockout Mice. International Journal of Biological Sciences, 2018, 14, 542-548.	6.4	2
13	Redirecting RNA splicing by SMAD3 turns TGF-Î² into a tumor promoter. Molecular and Cellular Oncology, 2017, 4, e1265699.	0.7	3
14	Transforming Growth Factor-Î² (TGF-Î²) Directly Activates the JAK1-STAT3 Axis to Induce Hepatic Fibrosis in Coordination with the SMAD Pathway. Journal of Biological Chemistry, 2017, 292, 4302-4312.	3.4	201
15	Non-Smad Signaling Pathways of the TGF-Î² Family. Cold Spring Harbor Perspectives in Biology, 2017, 9, a022129.	5.5	496
16	Direct Regulation of Alternative Splicing by SMAD3 through PCBP1 Is Essential to the Tumor-Promoting Role of TGF-Î². Molecular Cell, 2016, 64, 549-564.	9.7	70
17	Integrative genomics identifies YY1AP1 as an oncogenic driver in EpCAM+ AFP+ hepatocellular carcinoma. Oncogene, 2015, 34, 5095-5104.	5.9	57
18	Requirement of Smurf-mediated endocytosis of Patched1 in sonic hedgehog signal reception. ELife, 2014, 3, .	6.0	84

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19	Ubiquitination of Tumor Necrosis Factor Receptor-associated Factor 4 (TRAF4) by Smad Ubiquitination Regulatory Factor 1 (Smurf1) Regulates Motility of Breast Epithelial and Cancer Cells. Journal of Biological Chemistry, 2013, 288, 21784-21792.	3.4	42
20	A tumor suppressor function of Smurf2 associated with controlling chromatin landscape and genome stability through RNF20. Nature Medicine, 2012, 18, 227-234.	30.7	140
21	Image-based genome-wide siRNA screen identifies selective autophagy factors. Nature, 2011, 480, 113-117.	27.8	429
22	Stopped in Translation: EMT Control Meets Eukaryotic Elongation. Developmental Cell, 2011, 20, 289-290.	7.0	3
23	Non-degradative ubiquitination in Smad-dependent TGF-beta signaling. Cell and Bioscience, 2011, 1, 43.	4.8	19
24	Smurfs have â€œfusedâ€•into the asymmetric division of stem cells. Protein and Cell, 2011, 2, 2-4.	11.0	0
25	A special issue on TGF-Î² signaling and biology. Cell and Bioscience, 2011, 1, 39.	4.8	6
26	Ablation of Smurf2 reveals an inhibition in TGF-Î² signalling through multiple mono-ubiquitination of Smad3. EMBO Journal, 2011, 30, 4777-4789.	7.8	115
27	Abstract 4057: Mono-ubiquitination of Smad2/3 by Smurf2 regulates TGF-Î² transcriptional response. , 2011, , .		0
28	Smad3 Prevents Î²-Catenin Degradation and Facilitates Î²-Catenin Nuclear Translocation in Chondrocytes. Journal of Biological Chemistry, 2010, 285, 8703-8710.	3.4	81
29	Smad Ubiquitination Regulatory Factor 2 Promotes Metastasis of Breast Cancer Cells by Enhancing Migration and Invasiveness. Cancer Research, 2009, 69, 735-740.	0.9	75
30	A Negative Feedback Control of Transforming Growth Factor-Î² Signaling by Glycogen Synthase Kinase 3-mediated Smad3 Linker Phosphorylation at Ser-204. Journal of Biological Chemistry, 2009, 284, 19808-19816.	3.4	69
31	Non-Smad pathways in TGF-Î² signaling. Cell Research, 2009, 19, 128-139.	12.0	1,486
32	TRAF6 Mediates Smad-Independent Activation of JNK and p38 by TGF-Î². Molecular Cell, 2008, 31, 918-924.	9.7	498
33	Ubiquitin Ligase Smurf1 Mediates Tumor Necrosis Factor-induced Systemic Bone Loss by Promoting Proteasomal Degradation of Bone Morphogenetic Signaling Proteins. Journal of Biological Chemistry, 2008, 283, 23084-23092.	3.4	121
34	Essential Role of Chromatin Remodeling Protein Bptf in Early Mouse Embryos and Embryonic Stem Cells. PLoS Genetics, 2008, 4, e1000241.	3.5	125
35	Inhibition of the TGF-Î² receptor I kinase promotes hematopoiesis in MDS. Blood, 2008, 112, 3434-3443.	1.4	157
36	Roles of Smad3 in TGF-Î² Signaling During Carcinogenesis. Critical Reviews in Eukaryotic Gene Expression, 2007, 17, 281-293.	0.9	86

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37	Smad3 reduces susceptibility to hepatocarcinoma by sensitizing hepatocytes to apoptosis through downregulation of Bcl-2. Cancer Cell, 2006, 9, 445-457.	16.8	136
38	CNF1-induced Ubiquitylation and Proteasome Destruction of Activated RhoA Is Impaired in Smurf1â^'/â^'Cells. Molecular Biology of the Cell, 2006, 17, 2489-2497.	2.1	57
39	Tumor Necrosis Factor Promotes Runx2 Degradation through Up-regulation of Smurf1 and Smurf2 in Osteoblasts. Journal of Biological Chemistry, 2006, 281, 4326-4333.	3.4	261
40	Ubiquitin Ligase Smurf1 Controls Osteoblast Activity and Bone Homeostasis by Targeting MEKK2 for Degradation. Cell, 2005, 121, 101-113.	28.9	325
41	Smad-Binding Defective Mutant of Transforming Growth Factor Î² Type I Receptor Enhances Tumorigenesis but Suppresses Metastasis of Breast Cancer Cell Lines. Cancer Research, 2004, 64, 4523-4530.	0.9	90
42	Smad-dependent and Smad-independent pathways in TGF-Î² family signalling. Nature, 2003, 425, 577-584.	27.8	4,773
43	Smurf1 Facilitates Myogenic Differentiation and Antagonizes the Bone Morphogenetic Protein-2-induced Osteoblast Conversion by Targeting Smad5 for Degradation. Journal of Biological Chemistry, 2003, 278, 39029-39036.	3.4	80
44	TGF-beta receptor-activated p38 MAP kinase mediates Smad-independent TGF-beta responses. EMBO Journal, 2002, 21, 3749-3759.	7.8	628
45	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.	7.1	473
46	Transcriptional Regulation of the Transforming Growth Factor-Î²-inducible Mouse Germ Line Ig Î± Constant Region Gene by Functional Cooperation of Smad, CREB, and AML Family Members. Journal of Biological Chemistry, 2000, 275, 16979-16985.	3.4	119
47	Structural and Functional Characterization of the Transforming Growth Factor-Î²-induced Smad3/c-Jun Transcriptional Cooperativity. Journal of Biological Chemistry, 2000, 275, 38802-38812.	3.4	93
48	Defining the Domain of Binding of F1 Subunit Îµ with the Polar Loop of F0 Subunit c in theEscherichia coli ATP Synthase. Journal of Biological Chemistry, 1999, 274, 17011-17016.	3.4	55
49	Regulation of Smad signalling by protein associations and signalling crosstalk. Trends in Cell Biology, 1999, 9, 274-279.	7.9	242
50	Transcriptional Activators of TGF-Î² Responses: Smads. Cell, 1998, 95, 737-740.	28.9	1,034
51	The tumor suppressor Smad4/DPC4 and transcriptional adaptor CBP/p300 are coactivators for Smad3 in TGF-Î²-induced transcriptionalâ€‰activation. Genes and Development, 1998, 12, 2153-2163.	5.9	481
52	The tumor suppressor Smad4/DPC 4 as a central mediator of Smad function. Current Biology, 1997, 7, 270-276.	3.9	289
53	Intracellular signalling: The Mad way to do it. Current Biology, 1996, 6, 1226-1229.	3.9	154
54	Receptor-associated Mad homologues synergize as effectors of the TGF-Î² response. Nature, 1996, 383, 168-172.	27.8	824

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55	Subunits Coupling H+ Transport and ATP Synthesis in the Escherichia coli ATP Synthase. Journal of Biological Chemistry, 1995, 270, 24609-24614.	3.4	101
56	Changing the Ion Binding Specificity of the Escherichia coli H+-transporting ATP Synthase by Directed Mutagenesis of Subunit c. Journal of Biological Chemistry, 1995, 270, 87-93.	3.4	71
57	The Î³ subunit in theEscherichia coliATP synthase complex (ECF1F0) extends through the stalk and contacts the c subunits of the F0part. FEBS Letters, 1995, 368, 235-238.	2.8	87
58	Correlations of Structure and Function in H+Translocating Subunit c of F1F0ATP Synthase. Annals of the New York Academy of Sciences, 1992, 671, 323-334.	3.8	20