Daizo Koinuma

List of Publications by Year
in descending order

48 papers	3,039 citations	147801 31 h-index	206112 48 g-index
48 all docs	48 docs citations	48 times ranked	5420 citing authors

#	Article	IF	Citations
1	PRRX1 induced by BMP signaling decreases tumorigenesis by epigenetically regulating gliomaâ€initiating cell properties via DNA methyltransferase 3A. Molecular Oncology, 2022, 16, 269-288.	4.6	5
2	PolyI:C attenuates transforming growth factorâ€Î² signaling to induce cytostasis of surrounding cells by secreted factors in tripleâ€negative breast cancer. Cancer Science, 2022, 113, 940-949.	3.9	2
3	Antiâ€pyroptotic function of TGFâ€Î² is suppressed by a synthetic dsRNA analogue in triple negative breast cancer cells. Molecular Oncology, 2021, 15, 1289-1307.	4.6	14
4	Systemic administration of monovalent follistatin-like 3-Fc-fusion protein increases muscle mass in mice. IScience, 2021, 24, 102488.	4.1	12
5	Comparative analysis of TTFâ€1 binding DNA regions in smallâ€cell lung cancer and nonâ€smallâ€cell lung cancer. Molecular Oncology, 2020, 14, 277-293.	4.6	22
6	Targeting all transforming growth factor-Î² isoforms with an Fc chimeric receptor impairs tumor growth and angiogenesis of oral squamous cell cancer. Journal of Biological Chemistry, 2020, 295, 12559-12572.	3.4	30
7	The ALK-1/SMAD/ATOH8 axis attenuates hypoxic responses and protects against the development of pulmonary arterial hypertension. Science Signaling, 2019, 12, .	3.6	24
8	Palbociclib enhances activinâ€<scp>SMAD</scp>â€induced cytostasis in estrogen receptorâ€positive breast cancer. Cancer Science, 2019, 110, 209-220.	3.9	17
9	Pancreatic tumor microenvironment confers highly malignant properties on pancreatic cancer cells. Oncogene, 2018, 37, 2757-2772.	5.9	61
10	TUFT1 interacts with RABGAP1 and regulates mTORC1 signaling. Cell Discovery, 2018, 4, 1.	6.7	97
11	JUNB governs a feed-forward network of TGFÎ² signaling that aggravates breast cancer invasion. Nucleic Acids Research, 2018, 46, 1180-1195.	14.5	77
12	Identification of a novel fusion gene HMGA2â€EGFR in glioblastoma. International Journal of Cancer, 2018, 142, 1627-1639.	5.1	12
13	Long noncoding <scp>RNA </scp><scp>NORAD</scp> regulates transforming growth factorâ€Î² signaling and epithelialâ€toâ€mesenchymal transitionâ€like phenotype. Cancer Science, 2018, 109, 2211-2220.	3.9	55
14	Intracellular and extracellular TGF-Î² signaling in cancer: some recent topics. Frontiers of Medicine, 2018, 12, 387-411.	3.4	108
15	Bone morphogenetic protein signaling mediated by ALK-2 and DLX2 regulates apoptosis in glioma-initiating cells. Oncogene, 2017, 36, 4963-4974.	5.9	30
16	<scp>ZEB</scp>1â€regulated inflammatory phenotype in breast cancer cells. Molecular Oncology, 2017, 11, 1241-1262.	4.6	100
17	Dynamics of chromatin accessibility during TGF-Î²-induced EMT of Ras-transformed mammary gland epithelial cells. Scientific Reports, 2017, 7, 1166.	3.3	22
18	RNA-binding motif protein 47 inhibits Nrf2 activity to suppress tumor growth in lung adenocarcinoma. Oncogene, 2016, 35, 5000-5009.	5.9	59

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19	Ras and TGF-Î² signaling enhance cancer progression by promoting the Î”Np63 transcriptional program. Science Signaling, 2016, 9, ra84.	3.6	33
20	BMP Sustains Embryonic Stem Cell Self-Renewal through Distinct Functions of Different KrÃ¼ppel-like Factors. Stem Cell Reports, 2016, 6, 64-73.	4.8	61
21	The Arkadia-ESRP2 axis suppresses tumor progression: analyses in clear-cell renal cell carcinoma. Oncogene, 2016, 35, 3514-3523.	5.9	42
22	Mutational Landscape and Antiproliferative Functions of ELF Transcription Factors in Human Cancer. Cancer Research, 2016, 76, 1814-1824.	0.9	31
23	Smad4 Decreases the Population of Pancreatic Cancerâ€“Initiating Cells through Transcriptional Repression of ALDH1A1. American Journal of Pathology, 2015, 185, 1457-1470.	3.8	50
24	Transforming growth factorâ€Î²â€induced lnc<scp>RNA</scp>â€Smad7 inhibits apoptosis of mouse breast cancer Jyg<scp>MC</scp>(A) cells. Cancer Science, 2014, 105, 974-982.	3.9	65
25	A Smad3 and TTF-1/NKX2-1 complex regulates Smad4-independent gene expression. Cell Research, 2014, 24, 994-1008.	12.0	45
26	Transforming Growth Factor-Î² Induces Transcription Factors MafK and Bach1 to Suppress Expression of the Heme Oxygenase-1 Gene. Journal of Biological Chemistry, 2013, 288, 20658-20667.	3.4	50
27	Specific interactions between Smad proteins and AP-1 components determine TGFÎ²-induced breast cancer cell invasion. Oncogene, 2013, 32, 3606-3615.	5.9	84
28	Genome-wide mechanisms of Smad binding. Oncogene, 2013, 32, 1609-1615.	5.9	88
29	Structure of a dominant-negative helix-loop-helix transcriptional regulator suggests mechanisms of autoinhibition. EMBO Journal, 2012, 31, 2541-2552.	7.8	17
30	TGF-Î² drives epithelial-mesenchymal transition through Î´EF1-mediated downregulation of ESRP. Oncogene, 2012, 31, 3190-3201.	5.9	199
31	TGF-Î²-induced epithelial-mesenchymal transition of A549 lung adenocarcinoma cells is enhanced by pro-inflammatory cytokines derived from RAW 264.7 macrophage cells. Journal of Biochemistry, 2012, 151, 205-216.	1.7	117
32	Tumor-promoting functions of transforming growth factor-Î² in progression of cancer. Upsala Journal of Medical Sciences, 2012, 117, 143-152.	0.9	87
33	Transforming growth factor-Î² decreases the cancer-initiating cell population within diffuse-type gastric carcinoma cells. Oncogene, 2011, 30, 1693-1705.	5.9	77
34	Cell Type-specific Target Selection by Combinatorial Binding of Smad2/3 Proteins and Hepatocyte Nuclear Factor 4Î± in HepG2 Cells. Journal of Biological Chemistry, 2011, 286, 29848-29860.	3.4	38
35	Arkadia--beyond the TGF-Â pathway. Journal of Biochemistry, 2011, 149, 1-3.	1.7	16
36	ChIP-seq reveals cell type-specific binding patterns of BMP-specific Smads and a novel binding motif. Nucleic Acids Research, 2011, 39, 8712-8727.	14.5	186

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37	RB1CC1 Protein Positively Regulates Transforming Growth Factor-Î² Signaling through the Modulation of Arkadia E3 Ubiquitin Ligase Activity. Journal of Biological Chemistry, 2011, 286, 32502-32512.	3.4	30
38	Context-dependent regulation of the expression of c-Ski protein by Arkadia in human cancer cells. Journal of Biochemistry, 2010, 147, 545-554.	1.7	29
39	Pin1 Down-regulates Transforming Growth Factor-Î² (TGF-Î²) Signaling by Inducing Degradation of Smad Proteins. Journal of Biological Chemistry, 2009, 284, 6109-6115.	3.4	93
40	SKI and MEL1 Cooperate to Inhibit Transforming Growth Factor-Î² Signal in Gastric Cancer Cells. Journal of Biological Chemistry, 2009, 284, 3334-3344.	3.4	74
41	Promoterâ€wide analysis of Smad4 binding sites in human epithelial cells. Cancer Science, 2009, 100, 2133-2142.	3.9	61
42	Arkadia represses the expression of myoblast differentiation markers through degradation of Ski and the Ski-bound Smad complex in C2C12 myoblasts. Bone, 2009, 44, 53-60.	2.9	13
43	Chromatin Immunoprecipitation on Microarray Analysis of Smad2/3 Binding Sites Reveals Roles of ETS1 and TFAP2A in Transforming Growth Factor Î² Signaling. Molecular and Cellular Biology, 2009, 29, 172-186.	2.3	179
44	Smurf2 Induces Ubiquitin-dependent Degradation of Smurf1 to Prevent Migration of Breast Cancer Cells. Journal of Biological Chemistry, 2008, 283, 35660-35667.	3.4	73
45	Arkadia Induces Degradation of SnoN and c-Ski to Enhance Transforming Growth Factor-Î² Signaling. Journal of Biological Chemistry, 2007, 282, 20492-20501.	3.4	148
46	Hepatocyte Growth Factor Gene Transfer to Alveolar Septa for Effective Suppression of Lung Fibrosis. Molecular Therapy, 2005, 12, 58-67.	8.2	74
47	Arkadia amplifies TGF-Â superfamily signalling through degradation of Smad7. EMBO Journal, 2003, 22, 6458-6470.	7.8	195
48	Successful Treatment of a Case with Rapidly Progressive Bronchiolitis Obliterans Organizing Pneumonia (BOOP) using Cyclosporin A and Corticosteroid.. Internal Medicine, 2002, 41, 26-29.	0.7	37