xXal Lin

List of Publications by Year
in descending order

39 papers	2,291 citations	279798 23 h-index	330143 37 g-index
43 all docs	43 docs citations	43 times ranked	3640 citing authors

#	Article	IF	Citations
1	PPM1A Functions as a Smad Phosphatase to Terminate TGFÎ² Signaling. Cell, 2006, 125, 915-928.	28.9	422
2	Pharmacological targeting of MYC-regulated IRE1/XBP1 pathway suppresses MYC-driven breast cancer. Journal of Clinical Investigation, 2018, 128, 1283-1299.	8.2	163
3	SUMO-1/Ubc9 Promotes Nuclear Accumulation and Metabolic Stability of Tumor Suppressor Smad4. Journal of Biological Chemistry, 2003, 278, 31043-31048.	3.4	160
4	Opposed Regulation of Corepressor CtBP by SUMOylation and PDZ Binding. Molecular Cell, 2003, 11, 1389-1396.	9.7	155
5	Smad7 Protein Interacts with Receptor-regulated Smads (R-Smads) to Inhibit Transforming Growth Factor-Î² (TGF-Î²)/Smad Signaling. Journal of Biological Chemistry, 2016, 291, 382-392.	3.4	144
6	Ppm1b negatively regulates necroptosis through dephosphorylating Rip3. Nature Cell Biology, 2015, 17, 434-444.	10.3	128
7	Activation of Transforming Growth Factor-Î² Signaling by SUMO-1 Modification of Tumor Suppressor Smad4/DPC4. Journal of Biological Chemistry, 2003, 278, 18714-18719.	3.4	121
8	Smad6 Recruits Transcription Corepressor CtBP To Repress Bone Morphogenetic Protein-Induced Transcription. Molecular and Cellular Biology, 2003, 23, 9081-9093.	2.3	100
9	PPM1A and PPM1B act as IKKÎ² phosphatases to terminate TNFÎ±-induced IKKÎ²-NF-ÎºB activation. Cellular Signalling, 2009, 21, 95-102.	3.6	96
10	Small C-terminal Domain Phosphatases Dephosphorylate the Regulatory Linker Regions of Smad2 and Smad3 to Enhance Transforming Growth Factor-Î² Signaling*. Journal of Biological Chemistry, 2006, 281, 38365-38375.	3.4	90
11	Nuclear Export of Smad2 and Smad3 by RanBP3 Facilitates Termination of TGF-Î² Signaling. Developmental Cell, 2009, 16, 345-357.	7.0	89
12	Posttranslational Regulation of Smads. Cold Spring Harbor Perspectives in Biology, 2016, 8, a022087.	5.5	73
13	PPM1A silences cytosolic RNA sensing and antiviral defense through direct dephosphorylation of MAVS and TBK1. Science Advances, 2016, 2, e1501889.	10.3	55
14	Smad7 enables STAT3 activation and promotes pluripotency independent of TGF-Î² signaling. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10113-10118.	7.1	48
15	ALK phosphorylates SMAD4 on tyrosine to disable TGF-Î² tumour suppressor functions. Nature Cell Biology, 2019, 21, 179-189.	10.3	41
16	Nuclear Export of Smads by RanBP3L Regulates Bone Morphogenetic Protein Signaling and Mesenchymal Stem Cell Differentiation. Molecular and Cellular Biology, 2015, 35, 1700-1711.	2.3	37
17	Smad3 signaling activates bone marrow-derived fibroblasts in renal fibrosis. Laboratory Investigation, 2014, 94, 545-556.	3.7	35
18	C-terminal Domain (CTD) Small Phosphatase-like 2 Modulates the Canonical Bone Morphogenetic Protein (BMP) Signaling and Mesenchymal Differentiation via Smad Dephosphorylation. Journal of Biological Chemistry, 2014, 289, 26441-26450.	3.4	32

#	Article	IF	Citations
19	SCP Phosphatases Suppress Renal Cell Carcinoma by Stabilizing PML and Inhibiting mTOR/HIF Signaling. Cancer Research, 2014, 74, 6935-6946.	0.9	29
20	Specific control of BMP signaling and mesenchymal differentiation by cytoplasmic phosphatase PPM1H. Cell Research, 2014, 24, 727-741.	12.0	29
21	The Small C-terminal Domain Phosphatase 1 Inhibits Cancer Cell Migration and Invasion by Dephosphorylating Ser(P)68-Twist1 to Accelerate Twist1 Protein Degradation. Journal of Biological Chemistry, 2016, 291, 11518-11528.	3.4	25
22	SUMO Modification Reverses Inhibitory Effects of Smad Nuclear Interacting Protein-1 in TGF-Î² Responses. Journal of Biological Chemistry, 2016, 291, 24418-24430.	3.4	25
23	PPM1A dephosphorylates RanBP3 to enable efficient nuclear export of Smad2 and Smad3. EMBO Reports, 2011, 12, 1175-1181.	4.5	24
24	Tumor suppressor bromodomain-containing protein 7 cooperates with Smads to promote transforming growth factor-Î² responses. Oncogene, 2017, 36, 362-372.	5.9	19
25	SCP4 Promotes Gluconeogenesis Through FoxO1/3a Dephosphorylation. Diabetes, 2018, 67, 46-57.	0.6	19
26	The nuclear phosphatase SCP4 regulates FoxOÂtranscription factors during muscle wastingÂin chronic kidney disease. Kidney International, 2017, 92, 336-348.	5.2	16
27	<scp>PTPN</scp> 3 acts as a tumor suppressor and boosts <scp>TGF</scp> â€Î² signaling independent of its phosphatase activity. EMBO Journal, 2019, 38, e99945.	7.8	15
28	Palmitoylated SCP1 is targeted to the plasma membrane and negatively regulates angiogenesis. ELife, 2017, 6, .	6.0	15
29	Protein phosphatase 5 and the tumor suppressor p53 down-regulate each other's activities in mice. Journal of Biological Chemistry, 2018, 293, 18218-18229.	3.4	14
30	Termination of TGF-Î² Superfamily Signaling Through SMAD Dephosphorylationâ€"A Functional Genomic View. Journal of Genetics and Genomics, 2007, 34, 1-9.	3.9	13
31	The protein phosphatase PPM1A dephosphorylates and activates YAP to govern mammalian intestinal and liver regeneration. PLoS Biology, 2021, 19, e3001122.	5.6	13
32	Abrogation of Transforming Growth Factor-Î² Signaling in Pancreatic Cancer. World Journal of Surgery, 2005, 29, 312-316.	1.6	11
33	A Wnt-Independent LGR4â€"EGFR Signaling Axis in Cancer Metastasis. Cancer Research, 2021, 81, 4441-4454.	0.9	11
34	Basic fibroblast growth factor induces matrix metalloproteinase-13 via ERK MAP kinase-altered phosphorylation and sumoylation of Elk-1 in human adult articular chondrocytes. Open Access Rheumatology: Research and Reviews, 2009, 1, 151.	1.6	8
35	AMBRA1 Promotes TGFÎ² Signaling via Nonproteolytic Polyubiquitylation of Smad4. Cancer Research, 2021, 81, 5007-5020.	0.9	8
36	Analysis of Smad Phosphatase Activity In Vitro. Methods in Molecular Biology, 2016, 1344, 111-119.	0.9	5

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37	Design and application of a versatile expression vector for RNAi in mammalian cells. Journal of Rnai and Gene Silencing, 2005, 1, 38-43.	1.2	3
38	PPB is a Novel Serine/Threonine Phosphatase of Akt and is Involved in Myogenesis. FASEB Journal, 2010, 24, 863.2.	0.5	0
39	Abstract P113: Protein Tyrosine Phosphatase-Like A Is a Unique Regulator for Myogenesis. Circulation Research, 2011, 109, .	4.5	0