

# Liliana Attisano

## List of Publications by Citations

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62

papers

11,163

citations

38

h-index

68

g-index

68

ext. papers

11,883

ext. citations

13.6

avg, IF

6.02

L-index

#	Paper	IF	Citations
62	Mechanism of activation of the TGF-beta receptor. <i>Nature</i> , <b>1994</b> , 370, 341-7	50.4	2048
61	Signal transduction by the TGF-beta superfamily. <i>Science</i> , <b>2002</b> , 296, 1646-7	33.3	1109
60	SARA, a FYVE domain protein that recruits Smad2 to the TGFbeta receptor. <i>Cell</i> , <b>1998</b> , 95, 779-91	56.2	824
59	MADR2 is a substrate of the TGFbeta receptor and its phosphorylation is required for nuclear accumulation and signaling. <i>Cell</i> , <b>1996</b> , 87, 1215-24	56.2	655
58	Smad2 and Smad3 positively and negatively regulate TGF beta-dependent transcription through the forkhead DNA-binding protein FAST2. <i>Molecular Cell</i> , <b>1998</b> , 2, 109-20	17.6	469
57	Smads as transcriptional co-modulators. <i>Current Opinion in Cell Biology</i> , <b>2000</b> , 12, 235-43	9	466
56	The Hippo pathway regulates Wnt/beta-catenin signaling. <i>Developmental Cell</i> , <b>2010</b> , 18, 579-91	10.2	430
55	TbetaRI phosphorylation of Smad2 on Ser465 and Ser467 is required for Smad2-Smad4 complex formation and signaling. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 27678-85	5.4	386
54	The TGFbeta superfamily signaling pathway. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , <b>2013</b> , 2, 47-63	5.9	344
53	The daf-4 gene encodes a bone morphogenetic protein receptor controlling C. elegans dauer larva development. <i>Nature</i> , <b>1993</b> , 365, 644-9	50.4	327
52	Synergistic cooperation between hypoxia and transforming growth factor-beta pathways on human vascular endothelial growth factor gene expression. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 38527-35	5.4	294
51	Characterization and relationship of Dpp receptors encoded by the saxophone and thick veins genes in Drosophila. <i>Cell</i> , <b>1994</b> , 78, 251-61	56.2	278
50	Regulation of planar cell polarity by Smurf ubiquitin ligases. <i>Cell</i> , <b>2009</b> , 137, 295-307	56.2	253
49	TGF-beta receptors and actions. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1994</b> , 1222, 71-80	9.9	245
48	Identification of two bone morphogenetic protein type I receptors in Drosophila and evidence that Brk25D is a decapentaplegic receptor. <i>Cell</i> , <b>1994</b> , 78, 239-50	56.2	237
47	Regulation of the TGFbeta signalling pathway by ubiquitin-mediated degradation. <i>Oncogene</i> , <b>2004</b> , 23, 2071-8	9.2	224
46	The Smad pathway. <i>Cytokine and Growth Factor Reviews</i> , <b>2000</b> , 11, 5-13	17.9	217

45	Activation of LIMK1 by binding to the BMP receptor, BMPRII, regulates BMP-dependent dendritogenesis. <i>EMBO Journal</i> , <b>2004</b> , 23, 4792-801	13	174
44	Mads and Smads in TGF beta signalling. <i>Current Opinion in Cell Biology</i> , <b>1998</b> , 10, 188-94	9	173
43	DRAGON, a bone morphogenetic protein co-receptor. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 14122-34	9.4	173
42	FoxH1 (Fast) functions to specify the anterior primitive streak in the mouse. <i>Genes and Development</i> , <b>2001</b> , 15, 1257-71	12.6	172
41	Foxh1 is essential for development of the anterior heart field. <i>Developmental Cell</i> , <b>2004</b> , 7, 331-45	10.2	160
40	The Smads. <i>Genome Biology</i> , <b>2001</b> , 2, REVIEWS3010	18.3	113
39	Inhibition of tankyrases induces Axin stabilization and blocks Wnt signalling in breast cancer cells. <i>PLoS ONE</i> , <b>2012</b> , 7, e48670	3.7	108
38	Signal integration in TGF- $\beta$ /WNT, and Hippo pathways. <i>F1000prime Reports</i> , <b>2013</b> , 5, 17		106
37	Cross-talk between the p42/p44 MAP kinase and Smad pathways in transforming growth factor beta 1-induced furin gene transactivation. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 33986-94	5.4	102
36	Endoglin increases eNOS expression by modulating Smad2 protein levels and Smad2-dependent TGF-beta signaling. <i>Journal of Cellular Physiology</i> , <b>2007</b> , 210, 456-68	7	94
35	TGF-beta receptors. <i>Molecular Reproduction and Development</i> , <b>1992</b> , 32, 99-104	2.6	92
34	The transcriptional role of Smads and FAST (FoxH1) in TGFbeta and activin signalling. <i>Molecular and Cellular Endocrinology</i> , <b>2001</b> , 180, 3-11	4.4	75
33	TGFbeta and Wnt pathway cross-talk. <i>Cancer and Metastasis Reviews</i> , <b>2004</b> , 23, 53-61	9.6	70
32	Dominant-negative Smad2 mutants inhibit activin/Vg1 signaling and disrupt axis formation in <i>Xenopus</i> . <i>Developmental Biology</i> , <b>1999</b> , 207, 364-79	3.1	70
31	MARK4 inhibits Hippo signaling to promote proliferation and migration of breast cancer cells. <i>EMBO Reports</i> , <b>2017</b> , 18, 420-436	6.5	65
30	BMP-2 and OP-1 exert direct and opposite effects on renal branching morphogenesis. <i>American Journal of Physiology - Renal Physiology</i> , <b>1997</b> , 273, F961-75	4.3	65
29	Microtubule stabilization by bone morphogenetic protein receptor-mediated scaffolding of c-Jun N-terminal kinase promotes dendrite formation. <i>Molecular and Cellular Biology</i> , <b>2010</b> , 30, 2241-50	4.8	58
28	Ubiquitin-dependent regulation of TGFbeta signaling in cancer. <i>Neoplasia</i> , <b>2006</b> , 8, 677-88	6.4	49

27	Genome-wide identification of Smad/Foxh1 targets reveals a role for Foxh1 in retinoic acid regulation and forebrain development. <i>Developmental Cell</i> , <b>2008</b> , 14, 411-23	10.2	45
26	Involvement of Smads in TGFbeta1-induced furin (fur) transcription. <i>Journal of Cellular Physiology</i> , <b>2001</b> , 188, 264-73	7	42
25	DLG5 connects cell polarity and Hippo signaling protein networks by linking PAR-1 with MST1/2. <i>Genes and Development</i> , <b>2016</b> , 30, 2696-2709	12.6	39
24	Application of an integrated physical and functional screening approach to identify inhibitors of the Wnt pathway. <i>Molecular Systems Biology</i> , <b>2009</b> , 5, 315	12.2	38
23	A feed forward loop enforces YAP/TAZ signaling during tumorigenesis. <i>Nature Communications</i> , <b>2018</b> , 9, 3510	17.4	37
22	Foxh1 recruits Gsc to negatively regulate Mixl1 expression during early mouse development. <i>EMBO Journal</i> , <b>2007</b> , 26, 3132-43	13	30
21	The Drosophila type II receptor, Wishful thinking, binds BMP and myoglianin to activate multiple TGFbeta family signaling pathways. <i>FEBS Letters</i> , <b>2005</b> , 579, 4615-21	3.8	30
20	Arhgef7 promotes activation of the Hippo pathway core kinase Lats. <i>EMBO Journal</i> , <b>2014</b> , 33, 2997-3011	13	28
19	Robust production of uniform human cerebral organoids from pluripotent stem cells. <i>Life Science Alliance</i> , <b>2020</b> , 3,	5.8	22
18	Recent advances in understanding contextual TGFβ signaling. <i>F1000Research</i> , <b>2017</b> , 6, 749	3.6	20
17	Mothers against decapentaplegic-related protein 2 expression in avian granulosa cells is up-regulated by transforming growth factor beta during ovarian follicular development. <i>Endocrinology</i> , <b>1997</b> , 138, 3659-65	4.8	17
16	A multiplexed, next generation sequencing platform for high-throughput detection of SARS-CoV-2. <i>Nature Communications</i> , <b>2021</b> , 12, 1405	17.4	13
15	Mothers Against Decapentaplegic-Related Protein 2 Expression in Avian Granulosa Cells Is Up-Regulated by Transforming Growth Factor β During Ovarian Follicular Development		12
14	Comparison of SARS-CoV-2 indirect and direct RT-qPCR detection methods. <i>Virology Journal</i> , <b>2021</b> , 18, 99	6.1	8
13	Analysis of Hippo and TGFβ signaling in polarizing epithelial cells and mouse embryos. <i>Differentiation</i> , <b>2016</b> , 91, 109-18	3.5	7
12	Characterization of mitochondrial health from human peripheral blood mononuclear cells to cerebral organoids derived from induced pluripotent stem cells. <i>Scientific Reports</i> , <b>2021</b> , 11, 4523	4.9	7
11	A skeleton in the closet: neogenin guides bone development. <i>Developmental Cell</i> , <b>2010</b> , 19, 1-2	10.2	6
10	Modeling the Control of TGF-β/Smad Nuclear Accumulation by the Hippo Pathway Effectors, Taz/Yap. <i>iScience</i> , <b>2020</b> , 23, 101416	6.1	6

9	Comparison of SARS-CoV-2 Indirect and Direct Detection Methods		5
8	Proneural genes define ground-state rules to regulate neurogenic patterning and cortical folding. <i>Neuron</i> , <b>2021</b> , 109, 2847-2863.e11	13.9	5
7	A role for Hipk in the Hippo pathway. <i>Science Signaling</i> , <b>2013</b> , 6, pe18	8.8	4
6	Sumoylation differentially regulates Goosecoid-mediated transcriptional repression. <i>Experimental Cell Research</i> , <b>2008</b> , 314, 1585-94	4.2	4
5	NUAK1 promotes organ fibrosis via YAP and TGF- $\beta$ /SMAD signaling.. <i>Science Translational Medicine</i> , <b>2022</b> , 14, eaaz4028	17.5	2
4	The return of Dr Jekyll in cancer metastasis. <i>EMBO Journal</i> , <b>2012</b> , 31, 4486-7	13	1
3	TGF $\beta$ Signal Transduction <b>2010</b> , 521-532		1
2	Production of Phenotypically Uniform Human Cerebral Organoids from Pluripotent Stem Cells. <i>Bio-protocol</i> , <b>2021</b> , 11, e3985	0.9	0
1	High-content imaging and analysis to quantify the nuclear to cytoplasmic ratio of TGF $\beta$ and hippo effectors in mammalian cells. <i>STAR Protocols</i> , <b>2021</b> , 2, 100632	1.4	