

Tomas Valenta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3852826/publications.pdf>

Version: 2024-02-01

41
papers

3,367
citations

279798

23
h-index

276875

41
g-index

48
all docs

48
docs citations

48
times ranked

5880
citing authors

#	ARTICLE	IF	CITATIONS
1	The many faces and functions of β -catenin. <i>EMBO Journal</i> , 2012, 31, 2714-2736.	7.8	1,277
2	GLI1-expressing mesenchymal cells form the essential Wnt-secreting niche for colon stem cells. <i>Nature</i> , 2018, 558, 449-453.	27.8	277
3	Wnt Ligands Secreted by Subepithelial Mesenchymal Cells Are Essential for the Survival of Intestinal Stem Cells and Gut Homeostasis. <i>Cell Reports</i> , 2016, 15, 911-918.	6.4	208
4	Coordination of Patterning and Growth by the Morphogen DPP. <i>Current Biology</i> , 2014, 24, R245-R255.	3.9	142
5	Transforming growth factor- β -dependent Wnt secretion controls myofibroblast formation and myocardial fibrosis progression in experimental autoimmune myocarditis. <i>European Heart Journal</i> , 2017, 38, ehw116.	2.2	134
6	Wnt Trafficking: New Insights into Wnt Maturation, Secretion and Spreading. <i>Traffic</i> , 2010, 11, 1265-1271.	2.7	127
7	Probing transcription-specific outputs of β -catenin in vivo. <i>Genes and Development</i> , 2011, 25, 2631-2643.	5.9	112
8	HMG box transcription factor TCF-4's interaction with CtBP1 controls the expression of the Wnt target Axin2/Conductin in human embryonic kidney cells. <i>Nucleic Acids Research</i> , 2003, 31, 2369-2380.	14.5	109
9	HIC1 attenuates Wnt signaling by recruitment of TCF-4 and β -catenin to the nuclear bodies. <i>EMBO Journal</i> , 2006, 25, 2326-2337.	7.8	91
10	Canonical Wnt Signaling Regulates Atrioventricular Junction Programming and Electrophysiological Properties. <i>Circulation Research</i> , 2015, 116, 398-406.	4.5	90
11	Wnt/ β -Catenin Signaling Regulates Sequential Fate Decisions of Murine Cortical Precursor Cells. <i>Stem Cells</i> , 2015, 33, 170-182.	3.2	59
12	BCL9/ β -catenin Signaling is Associated With Poor Outcome in Colorectal Cancer. <i>EBioMedicine</i> , 2015, 2, 1932-1943.	6.1	58
13	Pharmacological interventions in the Wnt pathway: inhibition of Wnt secretion versus disrupting the protein-protein interfaces of nuclear factors. <i>British Journal of Pharmacology</i> , 2017, 174, 4600-4610.	5.4	55
14	Distinct populations of crypt-associated fibroblasts act as signaling hubs to control colon homeostasis. <i>PLoS Biology</i> , 2020, 18, e3001032.	5.6	53
15	A cytoplasmic role of Wnt/ β -catenin transcriptional cofactors Bcl9, Bcl9l, and Pygopus in tooth enamel formation. <i>Science Signaling</i> , 2017, 10, .	3.6	50
16	Functional Characterization of <i>Drosophila</i> microRNAs by a Novel <i>In Vivo</i> Library. <i>Genetics</i> , 2012, 192, 1543-1552.	2.9	45
17	Mutations in <i>Bcl9</i> and <i>Pygo</i> genes cause congenital heart defects by tissue-specific perturbation of Wnt/ β -catenin signaling. <i>Genes and Development</i> , 2018, 32, 1443-1458.	5.9	43
18	Loss of Ezh2 promotes a midbrain-to-forebrain identity switch by direct gene derepression and Wnt-dependent regulation. <i>BMC Biology</i> , 2015, 13, 103.	3.8	42

#	ARTICLE	IF	CITATIONS
19	Probing the canonicity of the Wnt/Wingless signaling pathway. <i>PLoS Genetics</i> , 2017, 13, e1006700.	3.5	39
20	Crosstalk between a Nuclear Receptor and β -Catenin Signaling Decides Cell Fates in the <i>C. elegans</i> Somatic Gonad. <i>Developmental Cell</i> , 2006, 11, 203-211.	7.0	34
21	Pax6-dependent, but β -catenin-independent, function of Bcl9 proteins in mouse lens development. <i>Genes and Development</i> , 2014, 28, 1879-1884.	5.9	34
22	β -Catenin C-terminal signals suppress p53 and are essential for artery formation. <i>Nature Communications</i> , 2016, 7, 12389.	12.8	31
23	Reflections on cell competition. <i>Seminars in Cell and Developmental Biology</i> , 2014, 32, 137-144.	5.0	30
24	The Pygo2-H3K4me2/3 interaction is dispensable for mouse development and Wnt signaling-dependent transcription. <i>Development (Cambridge)</i> , 2013, 140, 2377-2386.	2.5	28
25	WNT ligands control initiation and progression of human papillomavirus-driven squamous cell carcinoma. <i>Oncogene</i> , 2018, 37, 3753-3762.	5.9	24
26	DIFFERING SENSITIVITY OF TUMOR CELLS TO APOPTOSIS INDUCED BY IRON DEPRIVATION IN VITRO. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2001, 37, 450.	1.5	22
27	Tracing colonic embryonic transcriptional profiles and their reactivation upon intestinal damage. <i>Cell Reports</i> , 2021, 36, 109484.	6.4	18
28	Protection of Armadillo/ β -Catenin by Armless, a Novel Positive Regulator of Wingless Signaling. <i>PLoS Biology</i> , 2014, 12, e1001988.	5.6	17
29	A novel role for the tumour suppressor Nitrilase1 modulating the Wnt/ β -catenin signalling pathway. <i>Cell Discovery</i> , 2016, 2, 15039.	6.7	17
30	Parsing β -catenin's cell adhesion and Wnt signaling functions in malignant mammary tumor progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	17
31	Powerful <i>Drosophila</i> screens that paved the wingless pathway. <i>Fly</i> , 2014, 8, 218-225.	1.7	16
32	The interactions of Bcl9/Bcl9L with β -catenin and Pygopus promote breast cancer growth, invasion, and metastasis. <i>Oncogene</i> , 2021, 40, 6195-6209.	5.9	14
33	Distinct adhesion-independent functions of β -catenin control stage-specific sensory neurogenesis and proliferation. <i>BMC Biology</i> , 2015, 13, 24.	3.8	9
34	Differential regulation of β -catenin-mediated transcription via N- and C-terminal co-factors governs identity of murine intestinal epithelial stem cells. <i>Nature Communications</i> , 2021, 12, 1368.	12.8	9
35	Myocardial β -Catenin-BMP2 signaling promotes mesenchymal cell proliferation during endocardial cushion formation. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 123, 150-158.	1.9	8
36	Wnt Ligands as a Part of the Stem Cell Niche in the Intestine and the Liver. <i>Progress in Molecular Biology and Translational Science</i> , 2018, 153, 1-19.	1.7	8

#	ARTICLE	IF	CITATIONS
37	Manipulating the Sensitivity of Signal-Induced Repression: Quantification and Consequences of Altered Brinker Gradients. PLoS ONE, 2013, 8, e71224.	2.5	7
38	Generation of genome-modified <i>Drosophila</i> cell lines using SwAP. Fly, 2017, 11, 303-311.	1.7	5
39	Epithelial Wnt secretion drives the progression of inflammation-induced colon carcinoma in murine model. IScience, 2021, 24, 103369.	4.1	4
40	A RING finger to wed TCF and β -catenin. EMBO Reports, 2013, 14, 295-296.	4.5	3
41	<i>Drosophila</i> DDX3/Belle Exerts Its Function Outside of the Wnt/Wingless Signaling Pathway. PLoS ONE, 2016, 11, e0166862.	2.5	1