

RenÃ© van Amerongen

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

4,090
citations

361413

20
h-index

276875

41
g-index

57
all docs

57
docs citations

57
times ranked

6821
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards an integrated view of Wnt signaling in development. <i>Development (Cambridge)</i> , 2009, 136, 3205-3214.	2.5	1,021
2	Developmental Stage and Time Dictate the Fate of Wnt/ β -Catenin-Responsive Stem Cells in the Mammary Gland. <i>Cell Stem Cell</i> , 2012, 11, 387-400.	11.1	414
3	Interfollicular Epidermal Stem Cells Self-Renew via Autocrine Wnt Signaling. <i>Science</i> , 2013, 342, 1226-1230.	12.6	316
4	Alternative Wnt Signaling Is Initiated by Distinct Receptors. <i>Science Signaling</i> , 2008, 1, re9.	3.6	302
5	Generating Cellular Diversity and Spatial Form: Wnt Signaling and the Evolution of Multicellular Animals. <i>Developmental Cell</i> , 2016, 38, 643-655.	7.0	254
6	Wnt5a can both activate and repress Wnt/ β -catenin signaling during mouse embryonic development. <i>Developmental Biology</i> , 2012, 369, 101-114.	2.0	185
7	Phenotype Switching: Tumor Cell Plasticity as a Resistance Mechanism and Target for Therapy. <i>Cancer Research</i> , 2014, 74, 5937-5941.	0.9	183
8	Wnt signalling: conquering complexity. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	180
9	Alternative Wnt Pathways and Receptors. <i>Cold Spring Harbor Perspectives in Biology</i> , 2012, 4, a007914-a007914.	5.5	174
10	Knockout mouse models to study Wnt signal transduction. <i>Trends in Genetics</i> , 2006, 22, 678-689.	6.7	154
11	The Role of Ryk and Ror Receptor Tyrosine Kinases in Wnt Signal Transduction. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a009175-a009175.	5.5	150
12	Tympanic border cells are Wnt-responsive and can act as progenitors for postnatal mouse cochlear cells. <i>Development (Cambridge)</i> , 2013, 140, 1196-1206.	2.5	87
13	Lineage tracing with Axin2 reveals distinct developmental and adult populations of Wnt/ β -catenin-responsive neural stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7324-7329.	7.1	87
14	Aberrant WNT/CTNNB1 Signaling as a Therapeutic Target in Human Breast Cancer: Weighing the Evidence. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 25.	3.7	66
15	Frat is dispensable for canonical Wnt signaling in mammals. <i>Genes and Development</i> , 2005, 19, 425-430.	5.9	61
16	Walking the tight wire between cell adhesion and WNT signalling: a balancing act for β -catenin. <i>Open Biology</i> , 2020, 10, 200267.	3.6	49
17	PTEN Loss in E-Cadherin-Deficient Mouse Mammary Epithelial Cells Rescues Apoptosis and Results in Development of Classical Invasive Lobular Carcinoma. <i>Cell Reports</i> , 2016, 16, 2087-2101.	6.4	42
18	The influence of tamoxifen on normal mouse mammary gland homeostasis. <i>Breast Cancer Research</i> , 2014, 16, 411.	5.0	40

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19	In vivo analysis of Frat1 deficiency suggests compensatory activity of Frat3. Mechanisms of Development, 1999, 88, 183-194.	1.7	38
20	Characterization and Functional Analysis of the Murine Frat2 Gene. Journal of Biological Chemistry, 2004, 279, 26967-26974.	3.4	24
21	Re-evaluating the role of Frat in Wnt-signal transduction. Cell Cycle, 2005, 4, 1065-72.	2.6	24
22	Identification of reliable reference genes for qRT-PCR studies of the developing mouse mammary gland. Scientific Reports, 2016, 6, 35595.	3.3	21
23	Quantitative live-cell imaging and computational modeling shed new light on endogenous WNT/CTNNB1 signaling dynamics. ELife, 2021, 10, .	6.0	21
24	Frat2 mediates the oncogenic activation of Rac by MLL fusions. Blood, 2012, 120, 4819-4828.	1.4	19
25	Celebrating 30 Years of Wnt Signaling Meeting Information: EMBO Conferenceâ€”30 Years of Wnt Signalling, 27 June to 1 July 2012, Egmond aan Zee, Netherlands. Science Signaling, 2012, 5, mr2.	3.6	18
26	Transient, afferent input-dependent, postnatal niche for neural progenitor cells in the cochlear nucleus. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14456-14461.	7.1	17
27	A novel <sc><i>Axin2</i></sc> knockâ€™in mouse model for visualization and lineage tracing of <sc>WNT</sc>/<sc>CTNNB1</sc> responsive cells. Genesis, 2020, 58, e23387.	1.6	17
28	Construction and Experimental Validation of a Petri Net Model of Wnt/ β 2-Catenin Signaling. PLoS ONE, 2016, 11, e0155743.	2.5	16
29	TXR1-mediated thrombospondin repression: a novel mechanism of resistance to taxanes?. Genes and Development, 2006, 20, 1975-1981.	5.9	15
30	Re-Evaluating the Role of Frat in Wnt-Signal Transduction. Cell Cycle, 2005, 4, 4065-4072.	2.6	13
31	MEIS-WNT5A axis regulates development of fourth ventricle choroid plexus. Development (Cambridge), 2021, 148, .	2.5	13
32	Targeted Anticancer Therapies: Mouse Models Help Uncover the Mechanisms of Tumor Escape. Cancer Cell, 2008, 13, 5-7.	16.8	12
33	Celebrating Discoveries in Wnt Signaling: How One Man Gave Wings to an Entire Field. Cell, 2020, 181, 487-491.	28.9	11
34	Lineage Tracing in the Mammary Gland Using Cre/lox Technology and Fluorescent Reporter Alleles. Methods in Molecular Biology, 2015, 1293, 187-211.	0.9	8
35	Lineage Tracing of Mammary Stem and Progenitor Cells. Methods in Molecular Biology, 2017, 1501, 291-308.	0.9	8
36	Zooming in on the WNT/CTNNB1 Destruction Complex: Functional Mechanistic Details with Implications for Therapeutic Targeting. Handbook of Experimental Pharmacology, 2021, 269, 137-173.	1.8	5

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37	Behind the Scenes of the Human Breast Cell Atlas Project. Journal of Mammary Gland Biology and Neoplasia, 2021, 26, 67-70.	2.7	4
38	TMEM98 is a negative regulator of FRAT mediated Wnt/ β -catenin signalling. PLoS ONE, 2020, 15, e0227435.	2.5	3
39	Connecting the Dots: Mammary Gland and Breast Cancer at Single Cell Resolution. Journal of Mammary Gland Biology and Neoplasia, 2021, 26, 1-2.	2.7	3
40	Bipotent mammary stem cells: now in amazing 3D. Breast Cancer Research, 2014, 16, 480.	5.0	2
41	How to Use Online Tools to Generate New Hypotheses for Mammary Gland Biology Research: A Case Study for Wnt7b. Journal of Mammary Gland Biology and Neoplasia, 2020, 25, 319-335.	2.7	2
42	Break the loop, escape the cycle?. EMBO Journal, 2013, 32, 1967-1969.	7.8	0
43	The seventh ENBDC workshop on methods in mammary gland development and cancer. Breast Cancer Research, 2015, 17, 119.	5.0	0
44	TMEM98 is a negative regulator of FRAT mediated Wnt/ β -catenin signalling. , 2020, 15, e0227435.		0
45	TMEM98 is a negative regulator of FRAT mediated Wnt/ β -catenin signalling. , 2020, 15, e0227435.		0
46	TMEM98 is a negative regulator of FRAT mediated Wnt/ β -catenin signalling. , 2020, 15, e0227435.		0
47	TMEM98 is a negative regulator of FRAT mediated Wnt/ β -catenin signalling. , 2020, 15, e0227435.		0
48	TMEM98 is a negative regulator of FRAT mediated Wnt/ β -catenin signalling. , 2020, 15, e0227435.		0
49	TMEM98 is a negative regulator of FRAT mediated Wnt/ β -catenin signalling. , 2020, 15, e0227435.		0