

Jean-Paul Vincent

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

3,302
citations

201674

27
h-index

276875

41
g-index

65
all docs

65
docs citations

65
times ranked

3912
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical constraints to cell-cycle progression in a pseudostratified epithelium. <i>Current Biology</i> , 2022, 32, 2076-2083.e2.	3.9	8
2	Design of a Potent, Selective, and Brain-Penetrant Inhibitor of Wnt-Deactivating Enzyme Notum by Optimization of a Crystallographic Fragment Hit. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 7212-7230.	6.4	9
3	Structural Analysis and Development of Notum Fragment Screening Hits. <i>ACS Chemical Neuroscience</i> , 2022, 13, 2060-2077.	3.5	3
4	Generation of extracellular morphogen gradients: the case for diffusion. <i>Nature Reviews Genetics</i> , 2021, 22, 393-411.	16.3	67
5	One-step CRISPR-Cas9 protocol for the generation of plug & play conditional knockouts in <i>Drosophila melanogaster</i> . <i>STAR Protocols</i> , 2021, 2, 100560.	1.2	1
6	NOTUM from Apc-mutant cells biases clonal competition to initiate cancer. <i>Nature</i> , 2021, 594, 430-435.	27.8	122
7	Notum deacylates octanoylated ghrelin. <i>Molecular Metabolism</i> , 2021, 49, 101201.	6.5	17
8	Ribosomopathy-associated mutations cause proteotoxic stress that is alleviated by TOR inhibition. <i>Nature Cell Biology</i> , 2021, 23, 127-135.	10.3	52
9	Rapid and robust optogenetic control of gene expression in <i>Drosophila</i> . <i>Developmental Cell</i> , 2021, 56, 3393-3404.e7.	7.0	21
10	Patterning and growth control in vivo by an engineered GFP gradient. <i>Science</i> , 2020, 370, 321-327.	12.6	65
11	Glypicans shield the Wnt lipid moiety to enable signalling at a distance. <i>Nature</i> , 2020, 585, 85-90.	27.8	90
12	Frizzled-Dependent Planar Cell Polarity without Secreted Wnt Ligands. <i>Developmental Cell</i> , 2020, 54, 583-592.e5.	7.0	43
13	APC Moonlights to Prevent Wnt Signalosome Assembly. <i>Developmental Cell</i> , 2018, 44, 535-537.	7.0	6
14	Novel initiator caspase reporters uncover unknown features of caspase-activating cells. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	25
15	EGFR signaling coordinates patterning with cell survival during <i>Drosophila</i> epidermal development. <i>PLoS Biology</i> , 2018, 16, e3000027.	5.6	24
16	Developmental Biology: Morphogen in a Dish. <i>Current Biology</i> , 2018, 28, R755-R757.	3.9	3
17	Dpp controls growth and patterning in <i>Drosophila</i> wing precursors through distinct modes of action. <i>ELife</i> , 2017, 6, .	6.0	56
18	Exosomes in developmental signalling. <i>Development (Cambridge)</i> , 2016, 143, 2482-2493.	2.5	167

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19	Making, Exporting, and Modulating Wnts. Trends in Cell Biology, 2016, 26, 756-765.	7.9	83
20	Godzilla-dependent transcytosis promotes Wingless signalling in Drosophila wing imaginal discs. Nature Cell Biology, 2016, 18, 451-457.	10.3	72
21	Developmental Biology: Decapentaplegic Controls Growth at a Distance. Current Biology, 2016, 26, R209-R212.	3.9	1
22	Notum deacylates Wnt proteins to suppress signalling activity. Nature, 2015, 519, 187-192.	27.8	348
23	Modulating and measuring Wingless signalling. Methods, 2014, 68, 194-198.	3.8	6
24	Patterning and growth control by membrane-tethered Wingless. Nature, 2014, 505, 180-185.	27.8	273
25	Accelerated homologous recombination and subsequent genome modification in <i>Drosophila</i> . Development (Cambridge), 2013, 140, 4818-4825.	2.5	179
26	<i>Drosophila</i> <i>scp</i> ^{S2} Cells Secrete Wingless on Exosome-Like Vesicles but the Wingless Gradient Forms Independently of Exosomes. Traffic, 2013, 14, 82-96.	2.7	147
27	Integration of morphogen signalling within the growth regulatory network. Current Opinion in Cell Biology, 2012, 24, 166-172.	5.4	63
28	Steep Differences in Wingless Signaling Trigger Myc-Independent Competitive Cell Interactions. Developmental Cell, 2011, 21, 366-374.	7.0	120
29	Wingless Promotes Proliferative Growth in a Gradient-Independent Manner. Science Signaling, 2009, 2, ra60.	3.6	60
30	Developmental Biology: Tension at the Border. Current Biology, 2009, 19, R1028-R1030.	3.9	8
31	Wingless secretion requires endosome-to-Golgi retrieval of Wntless/Evi/Sprinter by the retromer complex. Nature Cell Biology, 2008, 10, 170-177.	10.3	227
32	A fluorescent reporter of caspase activity for live imaging. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13901-13905.	7.1	154
33	Arrow (LRP6) and Frizzled2 cooperate to degrade Wingless in Drosophila imaginal discs. Development (Cambridge), 2005, 132, 5479-5489.	2.5	68
34	Glypicans shunt the Wingless signal between local signalling and further transport. Development (Cambridge), 2005, 132, 659-666.	2.5	134
35	Modulation of developmental signals by endocytosis: different means and many ends. Current Opinion in Cell Biology, 2003, 15, 474-481.	5.4	51
36	Morphogen Transport along Epithelia, an Integrated Trafficking Problem. Developmental Cell, 2002, 3, 615-623.	7.0	83

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37	Producing Cells Retain and Recycle Wingless in Drosophila Embryos. <i>Current Biology</i> , 2002, 12, 957-962.	3.9	93
38	The progeny of wingless-expressing cells deliver the signal at a distance in Drosophila embryos. <i>Current Biology</i> , 2000, 10, 321-324.	3.9	82
39	A Screen for Identifying Genes Interacting With Armadillo, the Drosophila Homolog of β^2 -Catenin. <i>Genetics</i> , 1999, 153, 1753-1766.	2.9	50
40	Specification of the wing by localized expression of wingless protein. <i>Nature</i> , 1996, 381, 316-318.	27.8	205
41	Wingless secretion requires endosome-to-Golgi retrieval of Wntless/Evi/Sprinter by the retromer complex. , 0, .		1