

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	Notum deacylates Wnt proteins to suppress signalling activity. <i>Nature</i> , 2015, 519, 187-192.	27.8	348
2	Patterning and growth control by membrane-tethered Wingless. <i>Nature</i> , 2014, 505, 180-185.	27.8	273
3	Wingless secretion requires endosome-to-Golgi retrieval of Wntless/Evi/Sprinter by the retromer complex. <i>Nature Cell Biology</i> , 2008, 10, 170-177.	10.3	227
4	Specification of the wing by localized expression of wingless protein. <i>Nature</i> , 1996, 381, 316-318.	27.8	205
5	Accelerated homologous recombination and subsequent genome modification in <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2013, 140, 4818-4825.	2.5	179
6	Exosomes in developmental signalling. <i>Development (Cambridge)</i> , 2016, 143, 2482-2493.	2.5	167
7	A fluorescent reporter of caspase activity for live imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13901-13905.	7.1	154
8	<i>Drosophila</i> $\langle scp \rangle$ Cells Secrete Wingless on Exosome-Like Vesicles but the Wingless Gradient Forms Independently of Exosomes. <i>Traffic</i> , 2013, 14, 82-96.	2.7	147
9	Glypicans shunt the Wingless signal between local signalling and further transport. <i>Development (Cambridge)</i> , 2005, 132, 659-666.	2.5	134
10	NOTUM from Apc-mutant cells biases clonal competition to initiate cancer. <i>Nature</i> , 2021, 594, 430-435.	27.8	122
11	Steep Differences in Wingless Signaling Trigger Myc-Independent Competitive Cell Interactions. <i>Developmental Cell</i> , 2011, 21, 366-374.	7.0	120
12	Producing Cells Retain and Recycle Wingless in <i>Drosophila</i> Embryos. <i>Current Biology</i> , 2002, 12, 957-962.	3.9	93
13	Glypicans shield the Wnt lipid moiety to enable signalling at a distance. <i>Nature</i> , 2020, 585, 85-90.	27.8	90
14	Morphogen Transport along Epithelia, an Integrated Trafficking Problem. <i>Developmental Cell</i> , 2002, 3, 615-623.	7.0	83
15	Making, Exporting, and Modulating Wnts. <i>Trends in Cell Biology</i> , 2016, 26, 756-765.	7.9	83
16	The progeny of wingless-expressing cells deliver the signal at a distance in <i>Drosophila</i> embryos. <i>Current Biology</i> , 2000, 10, 321-324.	3.9	82
17	Godzilla-dependent transcytosis promotes Wingless signalling in <i>Drosophila</i> wing imaginal discs. <i>Nature Cell Biology</i> , 2016, 18, 451-457.	10.3	72
18	Arrow (LRP6) and Frizzled2 cooperate to degrade Wingless in <i>Drosophila</i> imaginal discs. <i>Development (Cambridge)</i> , 2005, 132, 5479-5489.	2.5	68

#	ARTICLE	IF	CITATIONS
19	Generation of extracellular morphogen gradients: the case for diffusion. <i>Nature Reviews Genetics</i> , 2021, 22, 393-411.	16.3	67
20	Patterning and growth control in vivo by an engineered GFP gradient. <i>Science</i> , 2020, 370, 321-327.	12.6	65
21	Integration of morphogen signalling within the growth regulatory network. <i>Current Opinion in Cell Biology</i> , 2012, 24, 166-172.	5.4	63
22	Wingless Promotes Proliferative Growth in a Gradient-Independent Manner. <i>Science Signaling</i> , 2009, 2, ra60.	3.6	60
23	Dpp controls growth and patterning in <i>Drosophila</i> wing precursors through distinct modes of action. <i>ELife</i> , 2017, 6, .	6.0	56
24	Ribosomopathy-associated mutations cause proteotoxic stress that is alleviated by TOR inhibition. <i>Nature Cell Biology</i> , 2021, 23, 127-135.	10.3	52
25	Modulation of developmental signals by endocytosis: different means and many ends. <i>Current Opinion in Cell Biology</i> , 2003, 15, 474-481.	5.4	51
26	A Screen for Identifying Genes Interacting With Armadillo, the <i>Drosophila</i> Homolog of β -Catenin. <i>Genetics</i> , 1999, 153, 1753-1766.	2.9	50
27	Frizzled-Dependent Planar Cell Polarity without Secreted Wnt Ligands. <i>Developmental Cell</i> , 2020, 54, 583-592.e5.	7.0	43
28	Novel initiator caspase reporters uncover unknown features of caspase-activating cells. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	25
29	EGFR signaling coordinates patterning with cell survival during <i>Drosophila</i> epidermal development. <i>PLoS Biology</i> , 2018, 16, e3000027.	5.6	24
30	Rapid and robust optogenetic control of gene expression in <i>Drosophila</i> . <i>Developmental Cell</i> , 2021, 56, 3393-3404.e7.	7.0	21
31	Notum deacylates octanoylated ghrelin. <i>Molecular Metabolism</i> , 2021, 49, 101201.	6.5	17
32	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
33	Developmental Biology: Tension at the Border. <i>Current Biology</i> , 2009, 19, R1028-R1030.	3.9	8
34	Mechanical constraints to cell-cycle progression in a pseudostratified epithelium. <i>Current Biology</i> , 2022, 32, 2076-2083.e2.	3.9	8
35	Modulating and measuring Wingless signalling. <i>Methods</i> , 2014, 68, 194-198.	3.8	6
36	APC Moonlights to Prevent Wnt Signalosome Assembly. <i>Developmental Cell</i> , 2018, 44, 535-537.	7.0	6

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37	Developmental Biology: Morphogen in a Dish. <i>Current Biology</i> , 2018, 28, R755-R757.	3.9	3
38	Structural Analysis and Development of Notum Fragment Screening Hits. <i>ACS Chemical Neuroscience</i> , 2022, 13, 2060-2077.	3.5	3
39	Developmental Biology: Decapentaplegic Controls Growth at a Distance. <i>Current Biology</i> , 2016, 26, R209-R212.	3.9	1
40	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
41	Wingless secretion requires endosome-to-Golgi retrieval of Wntless/Evi/Sprinter by the retromer complex. , 0, .		1