Alexandra M Schambony

List of Publications by Year
in descending order

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43 papers	2,137 citations	279798 23 h-index	254184 43 g-index
48 all docs	48 docs citations	48 times ranked	3368 citing authors

#	Article	IF	Citations
1	Lipid Dynamics in Membranes Slowed Down by Transmembrane Proteins. Frontiers in Cell and Developmental Biology, 2020, 8, 579388.	3.7	16
2	High-Precision Protein-Tracking With Interferometric Scattering Microscopy. Frontiers in Cell and Developmental Biology, 2020, 8, 590158.	3.7	7
3	Molecular crosstalk between Y5 receptor and neuropeptide Y drives liver cancer. Journal of Clinical Investigation, 2020, 130, 2509-2526.	8.2	29
4	Label-Free Live-Cell Imaging with Interferometric Scattering Microscopy: Confocal Imaging and High-Speed 3D Single Particle Tracking. , 2020, , .		0
5	Dishevelled-3 conformation dynamics analyzed by FRET-based biosensors reveals a key role of casein kinase 1. Nature Communications, 2019, 10, 1804.	12.8	20
6	Interferometric scattering microscopy reveals microsecond nanoscopic protein motion on a live cell membrane. Nature Photonics, 2019, 13, 480-487.	31.4	125
7	Pgam5 released from damaged mitochondria induces mitochondrial biogenesis via Wnt signaling. Journal of Cell Biology, 2018, 217, 1383-1394.	5.2	73
8	Gap junction protein Connexin-43 is a direct transcriptional regulator of N-cadherin in vivo. Nature Communications, 2018, 9, 3846.	12.8	115
9	Signaling pathways and tissue interactions in neural plate border formation. Neurogenesis (Austin,) Tj ETQq1 1 0.784314 rgBT /Overlo	1.5	11
10	The phosphatase Pgam5 antagonizes Wnt/Î²-Catenin signaling in embryonic anterior-posterior axis patterning. Development (Cambridge), 2017, 144, 2234-2247.	2.5	14
11	hmmr mediates anterior neural tube closure and morphogenesis in the frog Xenopus. Developmental Biology, 2017, 430, 188-201.	2.0	10
12	ROR-Family Receptor Tyrosine Kinases. Current Topics in Developmental Biology, 2017, 123, 105-142.	2.2	69
13	Dishevelled Paralogs in Vertebrate Development: Redundant or Distinct?. Frontiers in Cell and Developmental Biology, 2017, 5, 59.	3.7	19
14	The function of the two-pore channel TPC1 depends on dimerization of its carboxy-terminal helix. Cellular and Molecular Life Sciences, 2016, 73, 2565-2581.	5.4	28
15	Ror2 signaling is required for local upregulation of GDF6 and activation of BMP signaling at the neural plate border. Development (Cambridge), 2016, 143, 3182-3194.	2.5	18
16	Differential requirement of bone morphogenetic protein receptors Ia (ALK3) and Ib (ALK6) in early embryonic patterning and neural crest development. BMC Developmental Biology, 2016, 16, 1.	2.1	31
17	Î²-catenin-independent WNT signaling and Ki67 in contrast to the estrogen receptor status are prognostic and associated with poor prognosis in breast cancer liver metastases. Clinical and Experimental Metastasis, 2016, 33, 309-323.	3.3	31
18	Distinct functionality of dishevelled isoforms on Ca²⁺/calmodulin-dependent protein kinase 2 (CamKII) inXenopusgastrulation. Molecular Biology of the Cell, 2015, 26, 966-977.	2.1	21

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19	Î²-Arrestin Interacts with the Beta/Gamma Subunits of Trimeric G-Proteins and Dishevelled in the Wnt/Ca2+ Pathway in Xenopus Gastrulation. PLoS ONE, 2014, 9, e87132.	2.5	16
20	Functional Analysis of Dishevelled-3 Phosphorylation Identifies Distinct Mechanisms Driven by Casein Kinase 1Ïµ and Frizzled5. Journal of Biological Chemistry, 2014, 289, 23520-23533.	3.4	50
21	Amer2 Protein Interacts with EB1 Protein and Adenomatous Polyposis Coli (APC) and Controls Microtubule Stability and Cell Migration. Journal of Biological Chemistry, 2012, 287, 35333-35340.	3.4	21
22	Amer2 Protein Is a Novel Negative Regulator of Wnt/Î²-Catenin Signaling Involved in Neuroectodermal Patterning. Journal of Biological Chemistry, 2012, 287, 1734-1741.	3.4	26
23	Wnt/Î²-catenin signaling requires interaction of the Dishevelled DEP domain and C terminus with a discontinuous motif in Frizzled. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E812-20.	7.1	172
24	Waif1/5T4 Inhibits Wnt/Î²-Catenin Signaling and Activates Noncanonical Wnt Pathways by Modifying LRP6 Subcellular Localization. Developmental Cell, 2011, 21, 1129-1143.	7.0	82
25	PAPC and the Wnt5a/Ror2 pathway control the invagination of the otic placode in Xenopus. BMC Developmental Biology, 2011, 11, 36.	2.1	13
26	Structural and Functional Characterization of the Wnt Inhibitor APC Membrane Recruitment 1 (Amer1). Journal of Biological Chemistry, 2011, 286, 19204-19214.	3.4	49
27	Î²â€arrestins â€“ scaffolds and signalling elements essential for WNT/Frizzled signalling pathways?. British Journal of Pharmacology, 2010, 159, 1051-1058.	5.4	27
28	Prohibitin1 acts as a neural crest specifier in Xenopus development by repressing the transcription factor E2F1. Development (Cambridge), 2010, 137, 4073-4081.	2.5	14
29	Negative regulation of Wnt signaling mediated by CK1â€phosphorylated DishevelledviaRor2. FASEB Journal, 2010, 24, 2417-2426.	0.5	68
30	Wnt5a/Ror2-induced upregulation of xPAPC requires xShcA. Biochemical and Biophysical Research Communications, 2010, 400, 500-506.	2.1	24
31	The Extracellular Domain of Lrp5/6 Inhibits Noncanonical Wnt Signaling In Vivo. Molecular Biology of the Cell, 2009, 20, 924-936.	2.1	96
32	The LIM domain protein Wtip interacts with the receptor tyrosine kinase Ror2 and inhibits canonical Wnt signalling. Biochemical and Biophysical Research Communications, 2009, 390, 211-216.	2.1	18
33	Isothiocyanate-functionalized RGD peptides for tailoring cell-adhesive surface patterns. Biomaterials, 2008, 29, 3004-3013.	11.4	45
34	Î²â€Arrestin and casein kinase 1/2 define distinct branches of nonâ€canonical WNT signalling pathways. EMBO Reports, 2008, 9, 1244-1250.	4.5	71
35	beta-Arrestin is a necessary component of Wnt/beta-catenin signaling in vitro and in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 6690-6695.	7.1	140
36	Cell migration under control of Wntâ€signaling in the vertebrate embryo. Advances in Developmental Biology (Amsterdam, Netherlands), 2007, 17, 159-201.	0.4	4

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37	Wnt-5A/Ror2 Regulate Expression of XPAPC through an Alternative Noncanonical Signaling Pathway. Developmental Cell, 2007, 12, 779-792.	7.0	252
38	Paraxial protocadherin coordinates cell polarity during convergent extension via Rho A and JNK. EMBO Journal, 2004, 23, 3259-3269.	7.8	138
39	Cross-regulation of Wnt signaling and cell adhesion. Differentiation, 2004, 72, 307-318.	1.9	55
40	A homologue of cysteine-rich secretory proteins induces premature degradation of vitelline envelopes and hatching of Xenopus laevis embryos. Mechanisms of Development, 2003, 120, 937-948.	1.7	21
41	Molecular characterization of the equine AEG1 locus. Gene, 2002, 292, 65-72.	2.2	21
42	Molecular characterization of the equine testis-specific protein 1 (TPX1) and acidic epididymal glycoprotein 2 (AEG2) genes encoding members of the cysteine-rich secretory protein (CRISP) family. Gene, 2002, 299, 101-109.	2.2	31
43	Biochemical and conformational characterisation of HSP-3, a stallion seminal plasma protein of the cysteine-rich secretory protein (CRISP) family. FEBS Letters, 1997, 420, 179-185.	2.8	39