Pauline SpÃ©der

List of Publications by Year
in descending order

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18 papers	1,161 citations	516710 16 h-index	888059 17 g-index
21 all docs	21 docs citations	21 times ranked	1104 citing authors

#	Article	IF	Citations
1	Type ID unconventional myosin controls leftâ€“right asymmetry in Drosophila. Nature, 2006, 440, 803-807.	27.8	187
2	An unconventional myosin in Drosophila reverses the default handedness in visceral organs. Nature, 2006, 440, 798-802.	27.8	182
3	Gap Junction Proteins in the Blood-Brain Barrier Control Nutrient-Dependent Reactivation of Drosophila Neural Stem Cells. Developmental Cell, 2014, 30, 309-321.	7.0	146
4	Strategies to establish left/right asymmetry in vertebrates and invertebrates. Current Opinion in Genetics and Development, 2007, 17, 351-358.	3.3	91
5	Molecular to organismal chirality is induced by the conserved myosin 1D. Science, 2018, 362, 949-952.	12.6	91
6	Coupling of Apoptosis and L/R Patterning Controls Stepwise Organ Looping. Current Biology, 2010, 20, 1773-1778.	3.9	78
7	DE-Cadherin regulates unconventional Myosin ID and Myosin IC in Drosophila left-right asymmetry establishment. Development (Cambridge), 2012, 139, 1874-1884.	2.5	52
8	Systemic and local cues drive neural stem cell niche remodelling during neurogenesis in Drosophila. ELife, 2018, 7, .	6.0	47
9	Leftâ€“right asymmetry in Drosophila. Seminars in Cell and Developmental Biology, 2008, 19, 252-262.	5.0	45
10	Drosophila Left/Right Asymmetry Establishment Is Controlled by the Hox Gene Abdominal-B. Developmental Cell, 2013, 24, 89-97.	7.0	41
11	Nutrient control of neural stem cells. Current Opinion in Cell Biology, 2011, 23, 724-729.	5.4	40
12	Leftâ€“right asymmetry: class I myosins show the direction. Current Opinion in Cell Biology, 2007, 19, 82-87.	5.4	38
13	Control of brain development and homeostasis by local and systemic insulin signalling. Diabetes, Obesity and Metabolism, 2014, 16, 16-20.	4.4	38
14	The Drosophila serine protease homologue Scarface regulates JNK signalling in a negative-feedback loop during epithelial morphogenesis. Development (Cambridge), 2010, 137, 2177-2186.	2.5	35
15	Brain inflammation triggers macrophage invasion across the blood-brain barrier in Drosophila during pupal stages. Science Advances, 2021, 7, eabh0050.	10.3	25
16	An original infection model identifies host lipoprotein import as a route for blood-brain barrier crossing. Nature Communications, 2020, 11, 6106.	12.8	20
17	Breaking down barriers: Tumors make a leaky brain. Developmental Cell, 2021, 56, 2683-2685.	7.0	2
18	DE-Cadherin regulates unconventional Myosin ID and Myosin IC in Drosophila left-right asymmetry establishment. Journal of Cell Science, 2012, 125, e1-e1.	2.0	0