

Adèle Faucherre

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,166
citations

567281

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h-index

642732

23
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all docs

24
docs citations

24
times ranked

1626
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypoxia Induces Myocardial Regeneration in Zebrafish. <i>Circulation</i> , 2012, 126, 3017-3027.	1.6	138
2	Afferent Neurons of the Zebrafish Lateral Line Are Strict Selectors of Hair-Cell Orientation. <i>PLoS ONE</i> , 2009, 4, e4477.	2.5	133
3	Piezo1 plays a role in erythrocyte volume homeostasis. <i>Haematologica</i> , 2014, 99, 70-75.	3.5	119
4	Lowe syndrome protein OCRL1 interacts with Rac GTPase in the trans-Golgi network. <i>Human Molecular Genetics</i> , 2003, 12, 2449-2456.	2.9	108
5	Zebrafish pten genes have overlapping and non-redundant functions in tumorigenesis and embryonic development. <i>Oncogene</i> , 2008, 27, 1079-1086.	5.9	104
6	Lowe syndrome protein Ocr1 is translocated to membrane ruffles upon Rac GTPase activation: a new perspective on Lowe syndrome pathophysiology. <i>Human Molecular Genetics</i> , 2005, 14, 1441-1448.	2.9	82
7	<i>piezo2b</i> Regulates Vertebrate Light Touch Response. <i>Journal of Neuroscience</i> , 2013, 33, 17089-17094.	3.6	75
8	OptoGluNAM4.1, a Photoswitchable Allosteric Antagonist for Real-Time Control of mGlu 4 Receptor Activity. <i>Cell Chemical Biology</i> , 2016, 23, 929-934.	5.2	68
9	Neuronal Birth Order Identifies a Dimorphic Sensorineural Map. <i>Journal of Neuroscience</i> , 2012, 32, 2976-2987.	3.6	63
10	Illuminating Phenylazopyridines To Photoswitch Metabotropic Glutamate Receptors: From the Flask to the Animals. <i>ACS Central Science</i> , 2017, 3, 81-91.	11.3	58
11	High-resolution live imaging reveals axon-glia interactions during peripheral nerve injury and repair in zebrafish. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 553-564.	2.4	41
12	Converging Axons Collectively Initiate and Maintain Synaptic Selectivity in a Constantly Remodeling Sensory Organ. <i>Current Biology</i> , 2014, 24, 2968-2974.	3.9	36
13	Progressive neurogenesis defines lateralis somatotopy. <i>Developmental Dynamics</i> , 2010, 239, 1919-1930.	1.8	26
14	Delaying Gal4-Driven Gene Expression in the Zebrafish with Morpholinos and Gal80. <i>PLoS ONE</i> , 2011, 6, e16587.	2.5	24
15	Synthesis, Structure and Biological Activity of CIA and CIB, Two $\hat{\pm}$ -Conotoxins from the Predation-Evoked Venom of <i>Conus catus</i> . <i>Toxins</i> , 2018, 10, 222.	3.4	20
16	Hair cell identity establishes labeled lines of directional mechanosensation. <i>PLoS Biology</i> , 2018, 16, e2004404.	5.6	16
17	Multispectral four-dimensional imaging reveals that evoked activity modulates peripheral arborization and the selection of plane-polarized targets by sensory neurons. <i>Development (Cambridge)</i> , 2010, 137, 1635-1643.	2.5	14
18	Reduced aggrecan expression affects cardiac outflow tract development in zebrafish and is associated with bicuspid aortic valve disease in humans. <i>International Journal of Cardiology</i> , 2017, 249, 340-343.	1.7	14

#	ARTICLE	IF	CITATIONS
19	Synaptic communication mediates the assembly of a self-organizing circuit that controls reproduction. <i>Science Advances</i> , 2021, 7, .	10.3	11
20	The heart's content-renewable resources. <i>International Journal of Cardiology</i> , 2013, 167, 1141-1146.	1.7	4
21	Comment on: 'Homozygous knockout of the <i>piezo1</i> gene in the zebrafish is not associated with anemia. <i>Haematologica</i> , 2016, 101, e38-e38.	3.5	4
22	Identification and characterization of two zebrafish <i>Twik</i> related potassium channels, <i>Kcnk2a</i> and <i>Kcnk2b</i> . <i>Scientific Reports</i> , 2018, 8, 15311.	3.3	4
23	Dynamic Neuroanatomy at Subcellular Resolution in the Zebrafish. <i>Methods in Molecular Biology</i> , 2014, 1082, 187-195.	0.9	4
24	Socioaffective Neuroscience & Psychology (SNP). <i>Socioaffective Neuroscience & Psychology</i> , 2011, 1, 6420.	2.9	0