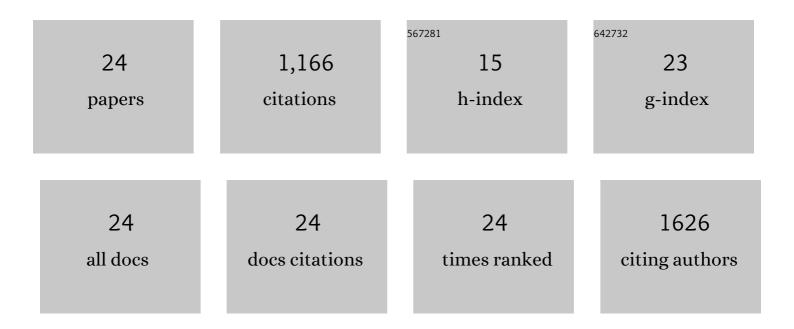
AdÃ"le Faucherre

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5314901/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Hypoxia Induces Myocardial Regeneration in Zebrafish. Circulation, 2012, 126, 3017-3027.	1.6	138
2	Afferent Neurons of the Zebrafish Lateral Line Are Strict Selectors of Hair-Cell Orientation. PLoS ONE, 2009, 4, e4477.	2.5	133
3	Piezo1 plays a role in erythrocyte volume homeostasis. Haematologica, 2014, 99, 70-75.	3.5	119
4	Lowe syndrome protein OCRL1 interacts with Rac GTPase in the trans-Golgi network. Human Molecular Genetics, 2003, 12, 2449-2456.	2.9	108
5	Zebrafish pten genes have overlapping and non-redundant functions in tumorigenesis and embryonic development. Oncogene, 2008, 27, 1079-1086.	5.9	104
6	Lowe syndrome protein Ocrl1 is translocated to membrane ruffles upon Rac GTPase activation: a new perspective on Lowe syndrome pathophysiology. Human Molecular Genetics, 2005, 14, 1441-1448.	2.9	82
7	<i>piezo2b</i> Regulates Vertebrate Light Touch Response. Journal of Neuroscience, 2013, 33, 17089-17094.	3.6	75
8	OptoGluNAM4.1, a Photoswitchable Allosteric Antagonist for Real-Time Control of mGlu 4 Receptor Activity. Cell Chemical Biology, 2016, 23, 929-934.	5.2	68
9	Neuronal Birth Order Identifies a Dimorphic Sensorineural Map. Journal of Neuroscience, 2012, 32, 2976-2987.	3.6	63
10	Illuminating Phenylazopyridines To Photoswitch Metabotropic Glutamate Receptors: From the Flask to the Animals. ACS Central Science, 2017, 3, 81-91.	11.3	58
11	High-resolution live imaging reveals axon-glia interactions during peripheral nerve injury and repair in zebrafish. DMM Disease Models and Mechanisms, 2015, 8, 553-564.	2.4	41
12	Converging Axons Collectively Initiate and Maintain Synaptic Selectivity in a Constantly Remodeling Sensory Organ. Current Biology, 2014, 24, 2968-2974.	3.9	36
13	Progressive neurogenesis defines lateralis somatotopy. Developmental Dynamics, 2010, 239, 1919-1930.	1.8	26
14	Delaying Gal4-Driven Gene Expression in the Zebrafish with Morpholinos and Gal80. PLoS ONE, 2011, 6, e16587.	2.5	24
15	Synthesis, Structure and Biological Activity of CIA and CIB, Two α-Conotoxins from the Predation-Evoked Venom of Conus catus. Toxins, 2018, 10, 222.	3.4	20
16	Hair cell identity establishes labeled lines of directional mechanosensation. PLoS Biology, 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. Development (Cambridge), 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. International Journal of Cardiology, 2017, 249, 340-343.	1.7	14

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