Thomas HassenklÃ¶ver

List of Publications by Year
in descending order

24 papers	404 citations	687363 13 h-index	752698 20 g-index
27 all docs	27 docs citations	27 times ranked	372 citing authors

#	Article	IF	Citations
1	Distinct interhemispheric connectivity at the level of the olfactory bulb emerges during Xenopus laevis metamorphosis. Cell and Tissue Research, 2021, 386, 491-511.	2.9	2
2	Olfaction across the waterâ€“air interface in anuran amphibians. Cell and Tissue Research, 2021, 383, 301-325.	2.9	20
3	Purinergic signalling selectively modulates maintenance but not repair neurogenesis in the zebrafish olfactory epithelium. FEBS Journal, 2020, 287, 2699-2722.	4.7	15
4	Conservation of Glomerular Organization in the Main Olfactory Bulb of Anuran Larvae. Frontiers in Neuroanatomy, 2020, 14, 44.	1.7	7
5	Cover Image, Volume 528, Issue 13. Journal of Comparative Neurology, 2020, 528, C4.	1.6	0
6	Whole-Brain Calcium Imaging in Larval Xenopus. Cold Spring Harbor Protocols, 2020, 2020, pdb.prot106815.	0.3	6
7	Multiâ€glomerular projection of single olfactory receptor neurons is conserved among amphibians. Journal of Comparative Neurology, 2020, 528, 2239-2253.	1.6	15
8	Dye Electroporation and Imaging of Calcium Signaling in Xenopus Nervous System. Methods in Molecular Biology, 2018, 1865, 217-231.	0.9	5
9	Coordinated shift of olfactory amino acid responses and V2R expression to an amphibian water nose during metamorphosis. Cellular and Molecular Life Sciences, 2017, 74, 1711-1719.	5.4	18
10	Functional Reintegration of Sensory Neurons and Transitional Dendritic Reduction of Mitral/Tufted Cells during Injury-Induced Recovery of the Larval Xenopus Olfactory Circuit. Frontiers in Cellular Neuroscience, 2017, 11, 380.	3.7	5
11	Metamorphic remodeling of the olfactory organ of the African clawed frog, Xenopus laevis. Journal of Comparative Neurology, 2016, 524, 986-998.	1.6	22
12	Dual processing of sulfated steroids in the olfactory system of an anuran amphibian. Frontiers in Cellular Neuroscience, 2015, 9, 373.	3.7	14
13	Purinergic receptor-induced Ca2+ signaling in the neuroepithelium of the vomeronasal organ of larval Xenopus laevis. Purinergic Signalling, 2014, 10, 327-336.	2.2	6
14	Phospholipase C and Diacylglycerol Mediate Olfactory Responses to Amino Acids in the Main Olfactory Epithelium of an Amphibian. PLoS ONE, 2014, 9, e87721.	2.5	16
15	The Olfactory System as a Model to Study Axonal Growth Patterns and Morphology In Vivo. Journal of Visualized Experiments, 2014, , e52143.	0.3	8
16	Bimodal processing of olfactory information in an amphibian nose: odor responses segregate into a medial and a lateral stream. Cellular and Molecular Life Sciences, 2013, 70, 1965-1984.	5.4	43
17	Olfactory Wiring Logic in Amphibians Challenges the Basic Assumptions of the Unbranched Axon Concept. Journal of Neuroscience, 2013, 33, 17247-17252.	3.6	19
18	Amino Acid- vs. Peptide-Odorants: Responses of Individual Olfactory Receptor Neurons in an Aquatic Species. PLoS ONE, 2012, 7, e53097.	2.5	9

#	Article	IF	Citations
19	Purinergic receptor-mediated Ca2+ signaling in the olfactory bulb and the neurogenic area of the lateral ventricles. Purinergic Signalling, 2010, 6, 429-445.	2.2	3
20	Purinergic Signaling Regulates Cell Proliferation of Olfactory Epithelium Progenitors. Stem Cells, 2009, 27, 2022-2031.	3.2	42
21	Nucleotideâ€induced Ca²⁺ signaling in sustentacular supporting cells of the olfactory epithelium. Glia, 2008, 56, 1614-1624.	4.9	42
22	Bromophenols, both present in marine organisms and in industrial flame retardants, disturb cellular Ca2+ signaling in neuroendocrine cells (PC12). Aquatic Toxicology, 2006, 76, 37-45.	4.0	69
23	The marine secondary metabolites 2,4-dibromophenol and 2,4,6-tribromophenol differentially modulate voltage dependent ion currents in neuroendocrine (PC12) cells. Aquatic Toxicology, 2006, 79, 384-390.	4.0	13
24	Patterns of tubb2b Promoter-Driven Fluorescence in the Forebrain of Larval Xenopus laevis. Frontiers in Neuroanatomy, 0, 16, .	1.7	3