

Thomas HassenklÄger

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

404
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687363

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27
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372
citing authors

#	ARTICLE	IF	CITATIONS
1	Bromophenols, both present in marine organisms and in industrial flame retardants, disturb cellular Ca ²⁺ signaling in neuroendocrine cells (PC12). <i>Aquatic Toxicology</i> , 2006, 76, 37-45.	4.0	69
2	Bimodal processing of olfactory information in an amphibian nose: odor responses segregate into a medial and a lateral stream. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 1965-1984.	5.4	43
3	Nucleotide-induced Ca ²⁺ signaling in sustentacular supporting cells of the olfactory epithelium. <i>Glia</i> , 2008, 56, 1614-1624.	4.9	42
4	Purinergic Signaling Regulates Cell Proliferation of Olfactory Epithelium Progenitors. <i>Stem Cells</i> , 2009, 27, 2022-2031.	3.2	42
5	Metamorphic remodeling of the olfactory organ of the African clawed frog, <i>Xenopus laevis</i> . <i>Journal of Comparative Neurology</i> , 2016, 524, 986-998.	1.6	22
6	Olfaction across the water-air interface in anuran amphibians. <i>Cell and Tissue Research</i> , 2021, 383, 301-325.	2.9	20
7	Olfactory Wiring Logic in Amphibians Challenges the Basic Assumptions of the Unbranched Axon Concept. <i>Journal of Neuroscience</i> , 2013, 33, 17247-17252.	3.6	19
8	Coordinated shift of olfactory amino acid responses and V2R expression to an amphibian water nose during metamorphosis. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 1711-1719.	5.4	18
9	Phospholipase C and Diacylglycerol Mediate Olfactory Responses to Amino Acids in the Main Olfactory Epithelium of an Amphibian. <i>PLoS ONE</i> , 2014, 9, e87721.	2.5	16
10	Purinergic signalling selectively modulates maintenance but not repair neurogenesis in the zebrafish olfactory epithelium. <i>FEBS Journal</i> , 2020, 287, 2699-2722.	4.7	15
11	Multi-glomerular projection of single olfactory receptor neurons is conserved among amphibians. <i>Journal of Comparative Neurology</i> , 2020, 528, 2239-2253.	1.6	15
12	Dual processing of sulfated steroids in the olfactory system of an anuran amphibian. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 373.	3.7	14
13	The marine secondary metabolites 2,4-dibromophenol and 2,4,6-tribromophenol differentially modulate voltage dependent ion currents in neuroendocrine (PC12) cells. <i>Aquatic Toxicology</i> , 2006, 79, 384-390.	4.0	13
14	Amino Acid- vs. Peptide-Odorants: Responses of Individual Olfactory Receptor Neurons in an Aquatic Species. <i>PLoS ONE</i> , 2012, 7, e53097.	2.5	9
15	The Olfactory System as a Model to Study Axonal Growth Patterns and Morphology <i>In Vivo</i> . <i>Journal of Visualized Experiments</i> , 2014, , e52143.	0.3	8
16	Conservation of Glomerular Organization in the Main Olfactory Bulb of Anuran Larvae. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 44.	1.7	7
17	Purinergic receptor-induced Ca ²⁺ signaling in the neuroepithelium of the vomeronasal organ of larval <i>Xenopus laevis</i> . <i>Purinergic Signalling</i> , 2014, 10, 327-336.	2.2	6
18	Whole-Brain Calcium Imaging in Larval <i>Xenopus</i> . <i>Cold Spring Harbor Protocols</i> , 2020, 2020, pdb.prot106815.	0.3	6

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19	Functional Reintegration of Sensory Neurons and Transitional Dendritic Reduction of Mitral/Tufted Cells during Injury-Induced Recovery of the Larval <i>Xenopus</i> Olfactory Circuit. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 380.	3.7	5
20	Dye Electroporation and Imaging of Calcium Signaling in <i>Xenopus</i> Nervous System. <i>Methods in Molecular Biology</i> , 2018, 1865, 217-231.	0.9	5
21	Purinergic receptor-mediated Ca ²⁺ signaling in the olfactory bulb and the neurogenic area of the lateral ventricles. <i>Purinergic Signalling</i> , 2010, 6, 429-445.	2.2	3
22	Patterns of <i>tubb2b</i> Promoter-Driven Fluorescence in the Forebrain of Larval <i>Xenopus laevis</i> . <i>Frontiers in Neuroanatomy</i> , 0, 16, .	1.7	3
23	Distinct interhemispheric connectivity at the level of the olfactory bulb emerges during <i>Xenopus laevis</i> metamorphosis. <i>Cell and Tissue Research</i> , 2021, 386, 491-511.	2.9	2
24	Cover Image, Volume 528, Issue 13. <i>Journal of Comparative Neurology</i> , 2020, 528, C4.	1.6	0