Martina Pyrski

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5148654/publications.pdf

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26	1,161	471509	580821
papers	citations	17 h-index	25 g-index

28	28	28	1560
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Loss-of-function mutations in sodium channel Nav1.7 cause anosmia. Nature, 2011, 472, 186-190.	27.8	267
2	Innate Predator Odor Aversion Driven by Parallel Olfactory Subsystems that Converge in the Ventromedial Hypothalamus. Current Biology, 2015, 25, 1340-1346.	3.9	138
3	A Family of Nonclassical Class I MHC Genes Contributes to Ultrasensitive Chemodetection by Mouse Vomeronasal Sensory Neurons. Journal of Neuroscience, 2014, 34, 5121-5133.	3.6	79
4	Newborn Interneurons in the Accessory Olfactory Bulb Promote Mate Recognition in Female Mice. Frontiers in Neuroscience, 2011, 5, 113.	2.8	65
5	Chemosensory Cell-Derived Acetylcholine Drives Tracheal Mucociliary Clearance in Response to Virulence-Associated Formyl Peptides. Immunity, 2020, 52, 683-699.e11.	14.3	63
6	Grueneberg Ganglion Neurons Are Finely Tuned Cold Sensors. Journal of Neuroscience, 2010, 30, 7563-7568.	3.6	54
7	Mapping protein interactions of sodium channel Na _V 1.7 using epitopeâ€tagged geneâ€targeted mice. EMBO Journal, 2018, 37, 427-445.	7.8	54
8	TheOMPâ€“lacZTransgene Mimics the Unusual Expression Pattern ofOR-Z6, a New Odorant Receptor Gene on Mouse Chromosome 6: Implication for Locus-Dependent Gene Expression. Journal of Neuroscience, 2001, 21, 4637-4648.	3.6	44
9	Pregnancy and estrogen enhance neural progenitor-cell proliferation in the vomeronasal sensory epithelium. BMC Biology, 2015, 13, 104.	3.8	42
10	A central mechanism of analgesia in mice and humans lacking the sodium channel NaV1.7. Neuron, 2021, 109, 1497-1512.e6.	8.1	42
11	Sodium/calcium exchanger expression in the mouse and rat olfactory systems. Journal of Comparative Neurology, 2007, 501, 944-958.	1.6	36
12	A Binary Genetic Approach to Characterize TRPM5 Cells in Mice. Chemical Senses, 2015, 40, 413-425.	2.0	34
13	Somatostatin, a negativeâ€regulator of central leptin action in the rat hypothalamus. Journal of Neurochemistry, 2007, 100, 468-478.	3.9	33
14	Leptin-Target Neurones of the Rat Hypothalamus Express Somatostatin Receptors. Journal of Neuroendocrinology, 2003, 15, 822-830.	2.6	30
15	Bacterial MgrB peptide activates chemoreceptor Fpr3 in mouse accessory olfactory system and drives avoidance behaviour. Nature Communications, 2019, 10, 4889.	12.8	30
16	Adenoviral Vector-Mediated Rescue of the OMP-Null Behavioral Phenotype: Enhancement of Odorant Threshold Sensitivity.. Behavioral Neuroscience, 2004, 118, 636-642.	1.2	26
17	Link Between Pain and Olfaction in an Inherited Sodium Channelopathy. Archives of Neurology, 2012, 69, 1119-23.	4.5	22
18	Trpc5 deficiency causes hypoprolactinemia and altered function of oscillatory dopamine neurons in the arcuate nucleus. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15236-15243.	7.1	22

#	Article	IF	Citations
19	Trpm5 expression in the olfactory epithelium. Molecular and Cellular Neurosciences, 2017, 80, 75-88.	2.2	17
20	Danger perception and stress response through an olfactory sensor for the bacterial metabolite hydrogen sulfide. Neuron, 2021, 109, 2469-2484.e7.	8.1	14
21	Expression of Coxsackie-Adenovirus receptor (CAR) in the developing mouse olfactory system. Journal of Neurocytology, 2005, 34, 295-305.	1.5	11
22	Cyclic regulation of Trpm4 expression in female vomeronasal neurons driven by ovarian sex hormones. Molecular and Cellular Neurosciences, 2020, 105, 103495.	2.2	11
23	Altered synaptic transmission at olfactory and vomeronasal nerve terminals in mice lacking Nâ€type calcium channel Cav2.2. European Journal of Neuroscience, 2014, 40, 3422-3435.	2.6	9
24	Organization and Plasticity of Sodium Channel Expression in the Mouse Olfactory and Vomeronasal Epithelia. Frontiers in Neuroanatomy, 2017, 11, 28.	1.7	7
25	P/Q Type Calcium Channel Cav2.1 Defines a Unique Subset of Glomeruli in the Mouse Olfactory Bulb. Frontiers in Cellular Neuroscience, 2018, 12, 295.	3.7	6
26	Odor. , 2009, , 2930-2936.		0