

# Martina Pyrski

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,161  
citations

471509

17  
h-index

580821

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1560  
citing authors

#	ARTICLE	IF	CITATIONS
1	A central mechanism of analgesia in mice and humans lacking the sodium channel Nav1.7. <i>Neuron</i> , 2021, 109, 1497-1512.e6.	8.1	42
2	Danger perception and stress response through an olfactory sensor for the bacterial metabolite hydrogen sulfide. <i>Neuron</i> , 2021, 109, 2469-2484.e7.	8.1	14
3	Cyclic regulation of Trpm4 expression in female vomeronasal neurons driven by ovarian sex hormones. <i>Molecular and Cellular Neurosciences</i> , 2020, 105, 103495.	2.2	11
4	Chemosensory Cell-Derived Acetylcholine Drives Tracheal Mucociliary Clearance in Response to Virulence-Associated Formyl Peptides. <i>Immunity</i> , 2020, 52, 683-699.e11.	14.3	63
5	Trpc5 deficiency causes hypoprolactinemia and altered function of oscillatory dopamine neurons in the arcuate nucleus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15236-15243.	7.1	22
6	Bacterial MgrB peptide activates chemoreceptor Fpr3 in mouse accessory olfactory system and drives avoidance behaviour. <i>Nature Communications</i> , 2019, 10, 4889.	12.8	30
7	Mapping protein interactions of sodium channel Nav1.7 using epitope-tagged gene-targeted mice. <i>EMBO Journal</i> , 2018, 37, 427-445.	7.8	54
8	P/Q Type Calcium Channel Cav2.1 Defines a Unique Subset of Glomeruli in the Mouse Olfactory Bulb. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 295.	3.7	6
9	Trpm5 expression in the olfactory epithelium. <i>Molecular and Cellular Neurosciences</i> , 2017, 80, 75-88.	2.2	17
10	Organization and Plasticity of Sodium Channel Expression in the Mouse Olfactory and Vomeronasal Epithelia. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 28.	1.7	7
11	Pregnancy and estrogen enhance neural progenitor-cell proliferation in the vomeronasal sensory epithelium. <i>BMC Biology</i> , 2015, 13, 104.	3.8	42
12	Innate Predator Odor Aversion Driven by Parallel Olfactory Subsystems that Converge in the Ventromedial Hypothalamus. <i>Current Biology</i> , 2015, 25, 1340-1346.	3.9	138
13	A Binary Genetic Approach to Characterize TRPM5 Cells in Mice. <i>Chemical Senses</i> , 2015, 40, 413-425.	2.0	34
14	A Family of Nonclassical Class I MHC Genes Contributes to Ultrasensitive Chemodetection by Mouse Vomeronasal Sensory Neurons. <i>Journal of Neuroscience</i> , 2014, 34, 5121-5133.	3.6	79
15	Altered synaptic transmission at olfactory and vomeronasal nerve terminals in mice lacking N-type calcium channel Cav2.2. <i>European Journal of Neuroscience</i> , 2014, 40, 3422-3435.	2.6	9
16	Link Between Pain and Olfaction in an Inherited Sodium Channelopathy. <i>Archives of Neurology</i> , 2012, 69, 1119-23.	4.5	22
17	Newborn Interneurons in the Accessory Olfactory Bulb Promote Mate Recognition in Female Mice. <i>Frontiers in Neuroscience</i> , 2011, 5, 113.	2.8	65
18	Loss-of-function mutations in sodium channel Nav1.7 cause anosmia. <i>Nature</i> , 2011, 472, 186-190.	27.8	267

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19	Gruneberg Ganglion Neurons Are Finely Tuned Cold Sensors. <i>Journal of Neuroscience</i> , 2010, 30, 7563-7568.	3.6	54
20	Odor. , 2009, , 2930-2936.		0
21	Sodium/calcium exchanger expression in the mouse and rat olfactory systems. <i>Journal of Comparative Neurology</i> , 2007, 501, 944-958.	1.6	36
22	Somatostatin, a negative regulator of central leptin action in the rat hypothalamus. <i>Journal of Neurochemistry</i> , 2007, 100, 468-478.	3.9	33
23	Expression of Coxsackie-Adenovirus receptor (CAR) in the developing mouse olfactory system. <i>Journal of Neurocytology</i> , 2005, 34, 295-305.	1.5	11
24	Adenoviral Vector-Mediated Rescue of the OMP-Null Behavioral Phenotype: Enhancement of Odorant Threshold Sensitivity.. <i>Behavioral Neuroscience</i> , 2004, 118, 636-642.	1.2	26
25	Leptin-Target Neurones of the Rat Hypothalamus Express Somatostatin Receptors. <i>Journal of Neuroendocrinology</i> , 2003, 15, 822-830.	2.6	30
26	The <i>OMP</i> lacZ Transgene Mimics the Unusual Expression Pattern of <i>OR-Z6</i> , a New Odorant Receptor Gene on Mouse Chromosome 6: Implication for Locus-Dependent Gene Expression. <i>Journal of Neuroscience</i> , 2001, 21, 4637-4648.	3.6	44