Patricia Duchamp-Viret

List of Publications by Year
in descending order

41	1,713	331670 21	434195 31
papers	citations	h-index	g-index

42	42	42	1218
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Brief olfactory learning drives perceptive sensitivity in newborn rabbits: New insights in peripheral processing of odor mixtures and induction. Physiology and Behavior, 2021, 229, 113217.	2.1	4
2	Protocol of controlled odorant stimulation for reducing apnoeic episodes in premature newborns: a randomised open-label Latin-square study with independent evaluation of the main endpoint (PREMODEUR). BMJ Open, 2021, 11, e047141.	1.9	0
3	Protocol of controlled odorant stimulation for reducing apnoeic episodes in premature newborns: a randomised open-label Latin-square study with independent evaluation of the main endpoint (PREMODEUR). BMJ Open, 2021, 11, e047141.	1.9	0
4	Fasting Influences Conditioned Memory for Food Preference Through the Orexin System: Hypothesis Gained from Studies in the Rat. , 2019, , 2203-2217.		0
5	Fasting Influences Conditioned Memory for Food Preference Through the Orexin System: Hypothesis Gained from Studies in the Rat. , 2018, , 1-15.		0
6	In Vivo Electrophysiological Recordings of Olfactory Receptor Neuron Units and Electro-olfactograms in Anesthetized Rats. Methods in Molecular Biology, 2018, 1820, 123-135.	0.9	3
7	Odorant-odorant metabolic interaction, a novel actor in olfactory perception and behavioral responsiveness. Scientific Reports, 2017, 7, 10219.	3.3	25
8	Olfactory perception and integration. , 2016, , 57-100.		0
9	Metabolic status and olfactory function. , 2016, , 315-335.		0
10	Insulin modulates network activity in olfactory bulb slices: impact on odour processing. Journal of Physiology, 2014, 592, 2751-2769.	2.9	28
11	The orexin component of fasting triggers memory processes underlying conditioned food selection in the rat. Learning and Memory, 2014, 21, 185-189.	1.3	10
12	The speed of learning instructed stimulus-response association rules in human: Experimental data and model. Brain Research, 2013, 1536, 2-15.	2.2	2
13	Responses of single neurons and neuronal ensembles in frog first- and second-order olfactory neurons. Brain Research, 2013, 1536, 144-158.	2.2	5
14	Modulation of Spontaneous and Odorant-Evoked Activity of Rat Olfactory Sensory Neurons by Two Anorectic Peptides, Insulin and Leptin. Journal of Neurophysiology, 2009, 101, 2898-2906.	1.8	97
15	And what about basic odors?. Behavioral and Brain Sciences, 2008, 31, 87-88.	0.7	0
16	Competitive and Noncompetitive Odorant Interactions in the Early Neural Coding of Odorant Mixtures. Journal of Neuroscience, 2008, 28, 2659-2666.	3.6	153
17	Fasting increases and satiation decreases olfactory detection for a neutral odor in rats. Behavioural Brain Research, 2007, 179, 258-264.	2.2	130
18	Patterns of spontaneous activity in single rat olfactory receptor neurons are different in normally breathing and tracheotomized animals. Journal of Neurobiology, 2005, 65, 97-114.	3.6	39

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19	Orexin A Modulates Mitral Cell Activity in the Rat Olfactory Bulb: Patch-Clamp Study on Slices and Immunocytochemical Localization of Orexin Receptors. Endocrinology, 2005, 146, 4042-4053.	2.8	58
20	5-hydroxytryptamine action in the rat olfactory bulb: In vitro electrophysiological patch-clamp recordings of juxtaglomerular and mitral cells. Neuroscience, 2005, 131, 717-731.	2.3	73
21	Relation between stimulus and response in frog olfactory receptor neurons in vivo. European Journal of Neuroscience, 2003, 18, 1135-1154.	2.6	64
22	Single olfactory sensory neurons simultaneously integrate the components of an odour mixture. European Journal of Neuroscience, 2003, 18, 2690-2696.	2.6	140
23	GABAB receptor-mediated inhibition of mitral/tufted cell activity in the rat olfactory bulb: a whole-cell patch-clamp study in vitro. Neuroscience, 2002, 111, 241-250.	2.3	29
24	Characterizing and modeling concentration-response curves of olfactory receptor cells. Neurocomputing, 2001, 38-40, 319-325.	5.9	4
25	Recordings from Olfactory Receptor Neurons in the Rat. Frontiers in Neuroscience, 2001, , .	0.0	0
26	Spiking frequency versus odorant concentration in olfactory receptor neurons. BioSystems, 2000, 58, 133-141.	2.0	64
27	Peripheral Odor Coding in the Rat and Frog: Quality and Intensity Specification. Journal of Neuroscience, 2000, 20, 2383-2390.	3.6	132
28	GABAB-mediated action in the frog olfactory bulb makes odor responses more salient. Neuroscience, 2000, 97, 771-777.	2.3	21
29	Odor Response Properties of Rat Olfactory Receptor Neurons. Science, 1999, 284, 2171-2174.	12.6	262
30	Sensory information processing in the frog olfactory pathways. Experimental basis for modeling studies. BioSystems, 1998, 48, 37-45.	2.0	5
31	Odor processing in the frog olfactory system. Progress in Neurobiology, 1997, 53, 561-602.	5.7	56
32	Dopaminergic modulation of mitral cell activity in the frog olfactory bulb: a combined radioligand bindingâ€“electrophysiological study. Neuroscience, 1997, 79, 203-216.	2.3	50
33	Odor coding properties of frog olfactory cortical neurons. Neuroscience, 1996, 74, 885-895.	2.3	24
34	Spontaneous activity of first- and second-order neurons in the frog olfactory system. Brain Research, 1994, 662, 31-44.	2.2	44
35	Gabaergic control of odour-induced activity in the frog olfactory bulb: Possible gabaergic modulation of granule cell inhibitory action. Neuroscience, 1993, 56, 905-914.	2.3	32
36	Gabaergic control of odor-induced activity in the frog olfactory bulb: Electrophysiological study with picrotoxin and bicuculline. Neuroscience, 1993, 53, 111-120.	2.3	59

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37	Temporal aspects of information processing in the first two stages of the frog olfactory system: influence of stimulus intensity. Chemical Senses, 1990, 15, 349-365.	2.0	20
38	Olfactory discrimination over a wide concentration range. Comparison of receptor cell and bulb neuron abilities. Brain Research, 1990, 517, 256-262.	2.2	45
39	Single Cell Activities and the Olfactory Code. , 1990, , 235-246.		0
40	A wide concentration range olfactometer for delivery of short reproducible odor pulses. Journal of Neuroscience Methods, 1988, 24, 57-63.	2.5	34
41	Hunger increases memory for conditioned food aversion: role of central Orexin. Frontiers in Behavioral Neuroscience, 0, 3, .	2.0	0