Sue C Kinnamon

List of Publications by Year
in descending order

46 papers	3,420 citations	257450 24 h-index	243625 44 g-index
99 all docs	99 docs citations	99 times ranked	2670 citing authors

#	Article	IF	Citations
1	GAD65Cre Drives Reporter Expression in Multiple Taste Cell Types. Chemical Senses, 2021, 46, .	2.0	5
2	Sour taste: receptors, cells and circuits. Current Opinion in Physiology, 2021, 20, 8-15.	1.8	29
3	Purinergic neurotransmission in the gustatory system. Autonomic Neuroscience: Basic and Clinical, 2021, 236, 102874.	2.8	4
4	The Role of ATP and Purinergic Receptors in Taste Signaling. Handbook of Experimental Pharmacology, 2021, , 91-107.	1.8	3
5	Why low concentrations of salt enhance sweet taste. Acta Physiologica, 2020, 230, e13560.	3.8	2
6	Sugar causes obesity and metabolic syndrome in mice independently of sweet taste. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E276-E290.	3.5	15
7	Optogenetic Activation of Type III Taste Cells Modulates Taste Responses. Chemical Senses, 2020, 45, 533-539.	2.0	9
8	Is the Amiloride-Sensitive Na+ Channel in Taste Cells Really ENaC?. Chemical Senses, 2020, 45, 233-234.	2.0	10
9	Function, Innervation, and Neurotransmitter Signaling in Mice Lacking Type-II Taste Cells. ENeuro, 2020, 7, ENEURO.0339-19.2020.	1.9	16
10	Expression of Bitter Taste Receptors and Solitary Chemosensory Cell Markers in the Human Sinonasal Cavity. Chemical Senses, 2019, 44, 483-495.	2.0	17
11	Cellular and Neural Responses to Sour Stimuli Require the Proton Channel Otop1. Current Biology, 2019, 29, 3647-3656.e5.	3.9	132
12	New evidence for fat as a primary taste quality. Acta Physiologica, 2019, 226, e13246.	3.8	11
13	Recent advances in taste transduction and signaling. F1000Research, 2019, 8, 2117.	1.6	56
14	Physiological and Behavioral Responses to Optogenetic Stimulation of PKD2L1⁺Type III Taste Cells. ENeuro, 2019, 6, ENEURO.0107-19.2019.	1.9	15
15	Type III Cells in Anterior Taste Fields Are More Immunohistochemically Diverse Than Those of Posterior Taste Fields in Mice. Chemical Senses, 2017, 42, 759-767.	2.0	22
16	G Proteinâ€“Coupled Taste Transduction. , 2016, , 271-285.		3
17	Glutamate: Tastant and Neuromodulator in Taste Buds. Advances in Nutrition, 2016, 7, 823S-827S.	6.4	15
18	The K ⁺ channel K _{IR} 2.1 functions in tandem with proton influx to mediate sour taste transduction. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E229-38.	7.1	105

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19	FGF21 Mediates Endocrine Control of Simple Sugar Intake and Sweet Taste Preference by the Liver. Cell Metabolism, 2016, 23, 335-343.	16.2	270
20	The Role of 5-HT₃Receptors in Signaling from Taste Buds to Nerves. Journal of Neuroscience, 2015, 35, 15984-15995.	3.6	55
21	Mice Lacking Pannexin 1 Release ATP and Respond Normally to All Taste Qualities. Chemical Senses, 2015, 40, 461-467.	2.0	24
22	Postsynaptic P2X3â€containing receptors in gustatory nerve fibres mediate responses to all taste qualities in mice. Journal of Physiology, 2015, 593, 1113-1125.	2.9	74
23	Neurosensory transmission without a synapse: new perspectives on taste signaling. BMC Biology, 2013, 11, 42.	3.8	13
24	Role of the ectonucleotidase NTPDase2 in taste bud function. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14789-14794.	7.1	90
25	A2BR Adenosine Receptor Modulates Sweet Taste in Circumvallate Taste Buds. PLoS ONE, 2012, 7, e30032.	2.5	24
26	Knocking Out P2X Receptors Reduces Transmitter Secretion in Taste Buds. Journal of Neuroscience, 2011, 31, 13654-13661.	3.6	52
27	Evidence for a role of glutamate as an efferent transmitter in taste buds. BMC Neuroscience, 2010, 11, 77.	1.9	40
28	Capacitance Measurements of Regulated Exocytosis in Mouse Taste Cells. Journal of Neuroscience, 2010, 30, 14695-14701.	3.6	36
29	Using Taste to Clear the Air(ways). Science, 2009, 325, 1081-1082.	12.6	14
30	Umami taste transduction mechanisms. American Journal of Clinical Nutrition, 2009, 90, 753S-755S.	4.7	92
31	Amiloride-sensitive channels in type I fungiform taste cells in mouse. BMC Neuroscience, 2008, 9, 1.	1.9	269
32	Nasal Solitary Chemoreceptor Cell Responses to Bitter and Trigeminal Stimulants In Vitro. Journal of Neurophysiology, 2008, 99, 2929-2937.	1.8	114
33	Expression of T1Rs and Gustducin in Palatal Taste Buds of Mice. Chemical Senses, 2007, 32, 255-262.	2.0	44
34	Mouse taste cells with G protein-coupled taste receptors lack voltage-gated calcium channels and SNAP-25. BMC Biology, 2006, 4, 7.	3.8	212
35	Tastants evoke cAMP signal in taste buds that is independent of calcium signaling. American Journal of Physiology - Cell Physiology, 2006, 291, C237-C244.	4.6	46
36	ATP Signaling Is Crucial for Communication from Taste Buds to Gustatory Nerves. Science, 2005, 310, 1495-1499.	12.6	682

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37	Morphologic characterization of rat taste receptor cells that express components of the phospholipase C signaling pathway. Journal of Comparative Neurology, 2004, 468, 311-321.	1.6	207
38	Responses to Di-Sodium Guanosine 5â€²-Monophosphate and Monosodiuml-Glutamate in Taste Receptor Cells of Rat Fungiform Papillae. Journal of Neurophysiology, 2003, 89, 1434-1439.	1.8	26
39	Immunocytochemical evidence for co-expression of Type III IP3 receptor with signaling components of bitter taste transduction. BMC Neuroscience, 2001, 2, 6.	1.9	216
40	Physiological Evidence for Ionotropic and Metabotropic Glutamate Receptors in Rat Taste Cells. Journal of Neurophysiology, 1999, 82, 2061-2069.	1.8	78
41	Epithelial Na+ channel subunits in rat taste cells: Localization and regulation by aldosterone. Journal of Comparative Neurology, 1999, 405, 406-420.	1.6	180
42	Development of voltage-dependent currents in taste receptor cells. , 1996, 365, 278-288.		22
43	A bitter-sweet beginning. Nature, 1996, 381, 737-738.	27.8	25
44	Electrophysiological and morphological properties of light and dark cells isolated from mudpuppy taste buds. Journal of Comparative Neurology, 1994, 346, 601-612.	1.6	26
45	Role of Apical Ion Channels in Sour Taste Transduction. Novartis Foundation Symposium, 1993, 179, 201-217.	1.1	2
46	Control of ventilatory movements in the aquatic insect Corydalus comutus: central effect of hypoxia. Physiological Entomology, 1984, 9, 19-28.	1.5	18