

Steven J Kleene

List of Publications by Year in descending order

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31
papers

1,103
citations

430874

18
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

733
citing authors

#	ARTICLE	IF	CITATIONS
1	Regenerative Calcium Currents in Renal Primary Cilia. <i>Frontiers in Physiology</i> , 2022, 13, .	2.8	5
2	Inward Ca ²⁺ current through the polycystin-2-dependent channels of renal primary cilia. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, F1165-F1173.	2.7	11
3	The TRPP2-dependent channel of renal primary cilia also requires TRPM3. <i>PLoS ONE</i> , 2019, 14, e0214053.	2.5	19
4	Robert C. Gesteland (1930–2018). <i>Chemical Senses</i> , 2018, 43, 569-570.	2.0	0
5	Primary cilia regulate the osmotic stress response of renal epithelial cells through TRPM3. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, F791-F805.	2.7	23
6	The native TRPP2-dependent channel of murine renal primary cilia. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, F96-F108.	2.7	62
7	Calcium channels in primary cilia. <i>Current Opinion in Nephrology and Hypertension</i> , 2016, 25, 452-458.	2.0	35
8	A TRPM4-dependent current in murine renal primary cilia. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F697-F707.	2.7	20
9	Electrical Signaling in Motile and Primary Cilia. <i>BioScience</i> , 2014, 64, 1092-1102.	4.9	31
10	A method for measuring electrical signals in a primary cilium. <i>Cilia</i> , 2012, 1, .	1.8	18
11	A Selective PMCA Inhibitor Does Not Prolong the Electroolfactogram in Mouse. <i>PLoS ONE</i> , 2012, 7, e37148.	2.5	7
12	Spatial Distribution of Calcium-Gated Chloride Channels in Olfactory Cilia. <i>PLoS ONE</i> , 2010, 5, e15676.	2.5	13
13	Limits of Calcium Clearance by Plasma Membrane Calcium ATPase in Olfactory Cilia. <i>PLoS ONE</i> , 2009, 4, e5266.	2.5	15
14	Identifying olfaction's "other channels". <i>Journal of Physiology</i> , 2009, 587, 4135-4136.	2.9	3
15	Identification of Cl(Ca) channel distributions in olfactory cilia. <i>Mathematical Methods in the Applied Sciences</i> , 2008, 31, 1860-1873.	2.3	6
16	Mice lacking NKCC1 have normal olfactory sensitivity. <i>Physiology and Behavior</i> , 2008, 93, 44-49.	2.1	29
17	The Electrochemical Basis of Odor Transduction in Vertebrate Olfactory Cilia. <i>Chemical Senses</i> , 2008, 33, 839-859.	2.0	173
18	Mechanisms of neuronal chloride accumulation in intact mouse olfactory epithelium. <i>Journal of Physiology</i> , 2007, 583, 1005-1020.	2.9	65

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19	Clustering of Cyclic-Nucleotide-Gated Channels in Olfactory Cilia. <i>Biophysical Journal</i> , 2006, 91, 179-188.	0.5	57
20	Neuronal Chloride Accumulation in Olfactory Epithelium of Mice Lacking NKCC1. <i>Journal of Neurophysiology</i> , 2006, 95, 2003-2006.	1.8	39
21	An estimate of the resting membrane resistance of frog olfactory receptor neurones. <i>Journal of Physiology</i> , 2004, 559, 535-542.	2.9	12
22	Contribution of Cyclic-Nucleotide-Gated Channels to the Resting Conductance of Olfactory Receptor Neurons. <i>Biophysical Journal</i> , 2003, 84, 3425-3435.	0.5	22
23	The calcium-activated chloride conductance in olfactory receptor neurons. <i>Current Topics in Membranes</i> , 2002, 53, 119-134.	0.9	8
24	Both External and Internal Calcium Reduce the Sensitivity of the Olfactory Cyclic-Nucleotide-Gated Channel to cAMP. <i>Journal of Neurophysiology</i> , 1999, 81, 2675-2682.	1.8	44
25	Inhibition of olfactory cyclic nucleotide-activated current by calmodulin antagonists. <i>British Journal of Pharmacology</i> , 1994, 111, 469-472.	5.4	37
26	A simple intrapipette salt bridge. <i>Journal of Neuroscience Methods</i> , 1993, 46, 11-16.	2.5	8
27	The cyclic nucleotide-activated conductance in olfactory cilia: Effects of cytoplasmic Mg ²⁺ and Ca ²⁺ . <i>Journal of Membrane Biology</i> , 1993, 131, 237-243.	2.1	22
28	Origin of the chloride current in olfactory transduction. <i>Neuron</i> , 1993, 11, 123-132.	8.1	217
29	Basal conductance of frog olfactory cilia. <i>Pflugers Archiv European Journal of Physiology</i> , 1992, 421, 374-380.	2.8	19
30	Transmembrane currents in frog olfactory cilia. <i>Journal of Membrane Biology</i> , 1991, 120, 75-81.	2.1	49
31	Dissociation of frog olfactory epithelium with N-ethylmaleimide. <i>Brain Research</i> , 1981, 229, 536-540.	2.2	34