

# Kenneth A Stauderman

## List of Publications by Year in descending order

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17  
papers

4,803  
citations

623734

14  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

3529  
citing authors

#	ARTICLE	IF	CITATIONS
1	STIM1, an essential and conserved component of store-operated Ca <sup>2+</sup> channel function. <i>Journal of Cell Biology</i> , 2005, 169, 435-445.	5.2	1,638
2	STIM1 is a Ca <sup>2+</sup> sensor that activates CRAC channels and migrates from the Ca <sup>2+</sup> store to the plasma membrane. <i>Nature</i> , 2005, 437, 902-905.	27.8	1,250
3	Genome-wide RNAi screen of Ca <sup>2+</sup> influx identifies genes that regulate Ca <sup>2+</sup> release-activated Ca <sup>2+</sup> channel activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 9357-9362.	7.1	802
4	Functional Consequences of Mutations in the Human $\alpha_1A$ Calcium Channel Subunit Linked to Familial Hemiplegic Migraine. <i>Journal of Neuroscience</i> , 1999, 19, 1610-1619.	3.6	242
5	Orai1 and STIM1 move to the immunological synapse and are up-regulated during T cell activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2011-2016.	7.1	231
6	Complete Loss of P/Q Calcium Channel Activity Caused by a CACNA1A Missense Mutation Carried by Patients with Episodic Ataxia Type 2. <i>American Journal of Human Genetics</i> , 2001, 68, 759-764.	6.2	147
7	Molecular basis of the CRAC channel. <i>Cell Calcium</i> , 2007, 42, 133-144.	2.4	143
8	A Store-operated Calcium Channel in <i>Drosophila</i> S2 Cells. <i>Journal of General Physiology</i> , 2004, 123, 167-182.	1.9	72
9	CRAC channels as targets for drug discovery and development. <i>Cell Calcium</i> , 2018, 74, 147-159.	2.4	68
10	Rat group I Metabotropic Glutamate Receptors Inhibit Neuronal Ca <sup>2+</sup> Channels via Multiple Signal Transduction Pathways in HEK 293 Cells. <i>Journal of Neurophysiology</i> , 1998, 79, 379-391.	1.8	62
11	Modal Gating of Human CaV2.1 (P/Q-type) Calcium Channels. <i>Journal of General Physiology</i> , 2004, 124, 445-461.	1.9	38
12	Fluoxetine-induced inhibition of synaptosomal [3H] 5-HT release: Possible Ca <sup>2+</sup> -channel inhibition. <i>Life Sciences</i> , 1992, 50, 2125-2138.	4.3	37
13	Microglial Calcium Waves During the Hyperacute Phase of Ischemic Stroke. <i>Stroke</i> , 2021, 52, 274-283.	2.0	26
14	Presynaptic serotonin receptors regulate [3H]serotonin release from rat spinal cord synaptosomes. <i>European Journal of Pharmacology</i> , 1986, 120, 107-109.	3.5	17
15	Dibutyryl-Cyclic GMP Stimulation of Ca <sup>2+</sup> -ATPase Activity in Rat Brain Synaptic Membranes. <i>Journal of Neurochemistry</i> , 1985, 45, 970-972.	3.9	13
16	Characterization of sodium-dependent, high-affinity serotonin uptake in rat spinal cord synaptosomes. <i>Brain Research</i> , 1985, 330, 11-20.	2.2	13
17	Relative contributions of G protein, channel, and receptor to voltage-dependent inhibition of neuronal N-type and P/Q-type calcium channels in HEK 293 cell lines. <i>Neuroscience Letters</i> , 1997, 239, 89-92.	2.1	4