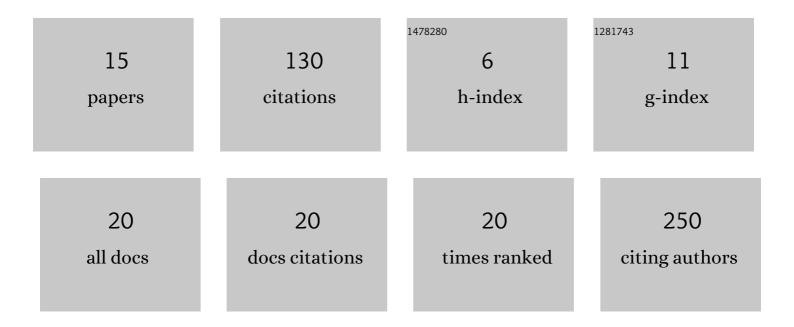
Serdar Alpdogan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4879798/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Cav2.3 (R-Type) Calcium Channels are Critical for Mediating Anticonvulsive and Neuroprotective Properties of Lamotrigine In Vivo. Cellular Physiology and Biochemistry, 2017, 44, 935-947.	1.1	26
2	Surgical Approaches in Psychiatry: A Survey of the World Literature on Psychosurgery. World Neurosurgery, 2017, 97, 603-634.e8.	0.7	18
3	Non-invasive evaluation of neurovascular coupling in the murine retina by dynamic retinal vessel analysis. PLoS ONE, 2018, 13, e0204689.	1.1	13
4	Electroretinographic Assessment of Inner Retinal Signaling in the Isolated and Superfused Murine Retina. Current Eye Research, 2017, 42, 1518-1526.	0.7	10
5	A practical guide to the preparation and use of metal ionâ€buffered systems for physiological research. Acta Physiologica, 2018, 222, e12988.	1.8	10
6	In vitro and in vivo phosphorylation of the Cav2.3 voltage-gated R-type calcium channel. Channels, 2018, 12, 326-334.	1.5	8
7	Zn2+-induced changes in Cav2.3 channel function: An electrophysiological and modeling study. Journal of General Physiology, 2020, 152, .	0.9	6
8	Protein phosphorylation maintains the normal function of cloned human Cav2.3 channels. Journal of General Physiology, 2018, 150, 491-510.	0.9	5
9	Non-Mendelian inheritance during inbreeding of Cav3.2 and Cav2.3 deficient mice. Scientific Reports, 2020, 10, 15993.	1.6	4
10	In Reply to "Corpus Callosotomy for Drug-Resistant Schizophrenia; Novel Treatment Based on Pathophysiology― World Neurosurgery, 2018, 116, 485.	0.7	3
11	Experimentally Induced Convulsive Seizures Are Modulated in Part by Zinc Ions through the Pharmacoresistant Cav2.3 Calcium Channel. Cellular Physiology and Biochemistry, 2020, 54, 180-194.	1.1	2
12	Intracerebroventricular administration of histidine reduces kainic acid-induced convulsive seizures in mice. Experimental Brain Research, 2019, 237, 2481-2493.	0.7	1
13	Protein Interaction Partners of Cav2.3 R-Type Voltage-Gated Calcium Channels. , 2013, , 151-174.		1
14	Submicromolar copper (II) ions stimulate transretinal signaling in the isolated retina from wild type but not from Cav2.3-deficient mice. BMC Ophthalmology, 2020, 20, 182.	0.6	0
15	Selected aspects of retinal signaling and energy metabolism and its perspective as a cerebral surrogate model. New Frontiers in Ophthalmology (London), 2018, 4, .	0.1	0