

# Serdar Alpdogan

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

130  
citations

1478280

6  
h-index

1281743

11  
g-index

20  
all docs

20  
docs citations

20  
times ranked

250  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cav2.3 (R-Type) Calcium Channels are Critical for Mediating Anticonvulsive and Neuroprotective Properties of Lamotrigine In Vivo. <i>Cellular Physiology and Biochemistry</i> , 2017, 44, 935-947.	1.1	26
2	Surgical Approaches in Psychiatry: A Survey of the World Literature on Psychosurgery. <i>World Neurosurgery</i> , 2017, 97, 603-634.e8.	0.7	18
3	Non-invasive evaluation of neurovascular coupling in the murine retina by dynamic retinal vessel analysis. <i>PLoS ONE</i> , 2018, 13, e0204689.	1.1	13
4	Electroretinographic Assessment of Inner Retinal Signaling in the Isolated and Superfused Murine Retina. <i>Current Eye Research</i> , 2017, 42, 1518-1526.	0.7	10
5	A practical guide to the preparation and use of metal ion-buffered systems for physiological research. <i>Acta Physiologica</i> , 2018, 222, e12988.	1.8	10
6	In vitro and in vivo phosphorylation of the Cav2.3 voltage-gated R-type calcium channel. <i>Channels</i> , 2018, 12, 326-334.	1.5	8
7	Zn <sup>2+</sup> -induced changes in Cav2.3 channel function: An electrophysiological and modeling study. <i>Journal of General Physiology</i> , 2020, 152, .	0.9	6
8	Protein phosphorylation maintains the normal function of cloned human Cav2.3 channels. <i>Journal of General Physiology</i> , 2018, 150, 491-510.	0.9	5
9	Non-Mendelian inheritance during inbreeding of Cav3.2 and Cav2.3 deficient mice. <i>Scientific Reports</i> , 2020, 10, 15993.	1.6	4
10	In Reply to "Corpus Callosotomy for Drug-Resistant Schizophrenia; Novel Treatment Based on Pathophysiology". <i>World Neurosurgery</i> , 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. <i>Cellular Physiology and Biochemistry</i> , 2020, 54, 180-194.	1.1	2
12	Intracerebroventricular administration of histidine reduces kainic acid-induced convulsive seizures in mice. <i>Experimental Brain Research</i> , 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. <i>BMC Ophthalmology</i> , 2020, 20, 182.	0.6	0
15	Selected aspects of retinal signaling and energy metabolism and its perspective as a cerebral surrogate model. <i>New Frontiers in Ophthalmology (London)</i> , 2018, 4, .	0.1	0