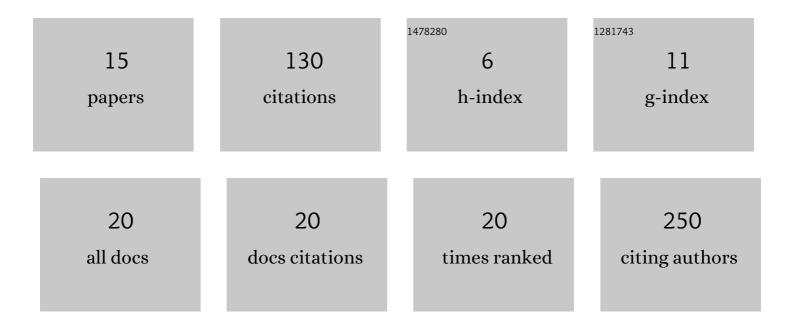
Serdar Alpdogan

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 |