Felix Neumaier

List of Publications by Year
in descending order

37	277	1039880 9	1125617 13
papers	citations	h-index	g-index

41	41	41	409
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Convenient PET-tracer production via SuFEx 18F-fluorination of nanomolar precursor amounts. European Journal of Medicinal Chemistry, 2022, 237, 114383.	2.6	12
2	Microgravity-induced stress mechanisms in human stem cell-derived cardiomyocytes. IScience, 2022, 25, 104577.	1.9	12
3	Design, synthesis and biological evaluation of Tozadenant analogues as adenosine A2A receptor ligands. European Journal of Medicinal Chemistry, 2021, 214, 113214.	2.6	9
4	Circulatory dipeptidyl peptidase 3 (cDPP3) is a potential biomarker for early detection of secondary brain injury after aneurysmal subarachnoid hemorrhage. Journal of the Neurological Sciences, 2021, 422, 117333.	0.3	1
5	Retinal Vessel Responses to Flicker Stimulation Are Impaired in Cav2.3-Deficient Miceâ€"An in-vivo Evaluation Using Retinal Vessel Analysis (RVA). Frontiers in Neurology, 2021, 12, 659890.	1.1	3
6	Non-invasive Assessment of Neurovascular Coupling After Aneurysmal Subarachnoid Hemorrhage: A Prospective Observational Trial Using Retinal Vessel Analysis. Frontiers in Neurology, 2021, 12, 690183.	1.1	4
7	[¹⁸F]ALX5406: A Brain-Penetrating Prodrug for GlyT1-Specific PET Imaging. ACS Chemical Neuroscience, 2021, 12, 3335-3346.	1.7	8
8	Drug Penetration into the Central Nervous System: Pharmacokinetic Concepts and In Vitro Model Systems. Pharmaceutics, 2021, 13, 1542.	2.0	18
9	Changes in endogenous daytime melatonin levels after aneurysmal subarachnoid hemorrhage â€" Preliminary findings from an observational cohort study. Clinical Neurology and Neurosurgery, 2021, 208, 106870.	0.6	2
10	Evaluation of 3-l- and 3-d-[18F]Fluorophenylalanines as PET Tracers for Tumor Imaging. Cancers, 2021, 13, 6030.	1.7	4
11	Ca_v2.3 channel function and Zn²⁺-induced modulation: potential mechanisms and (patho)physiological relevance. Channels, 2020, 14, 362-379.	1.5	6
12	Preparation of 5-[131I]iodotubercidin for the detection of adenosine kinase. Journal of Radioanalytical and Nuclear Chemistry, 2020, 326, 1691-1697.	0.7	0
13	Non-Mendelian inheritance during inbreeding of Cav3.2 and Cav2.3 deficient mice. Scientific Reports, 2020, 10, 15993.	1.6	4
14	Nuclear Medicine in Times of COVID-19: How Radiopharmaceuticals Could Help to Fight the Current and Future Pandemics. Pharmaceutics, 2020, 12, 1247.	2.0	10
15	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
16	Cav2.3 R-type calcium channels: from its discovery to pathogenic de novo CACNA1E variants: a historical perspective. Pflugers Archiv European Journal of Physiology, 2020, 472, 811-816.	1.3	13
17	Preparation of a First 18F-Labeled Agonist for M1 Muscarinic Acetylcholine Receptors. Molecules, 2020, 25, 2880.	1.7	8
18	Consequences of hyperphosphorylated tau on the morphology and excitability of hippocampal neurons in aged tau transgenic mice. Neurobiology of Aging, 2020, 93, 109-123.	1.5	17

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19	Zn2+-induced changes in Cav2.3 channel function: An electrophysiological and modeling study. Journal of General Physiology, 2020, 152, .	0.9	6
20	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
21	Intracerebroventricular administration of histidine reduces kainic acid-induced convulsive seizures in mice. Experimental Brain Research, 2019, 237, 2481-2493.	0.7	1
22	Modulation of Cav2.3 channels by unconjugated bilirubin (UCB) â€“ Candidate mechanism for UCB-induced neuromodulation and neurotoxicity. Molecular and Cellular Neurosciences, 2019, 96, 35-46.	1.0	9
23	Protein phosphorylation maintains the normal function of cloned human Cav2.3 channels. Journal of General Physiology, 2018, 150, 491-510.	0.9	5
24	Unconjugated bilirubin modulates neuronal signaling only in wildâ€type mice, but not after ablation of the Râ€type/Ca_v2.3 voltageâ€gated calcium channel. CNS Neuroscience and Therapeutics, 2018, 24, 222-230.	1.9	6
25	A practical guide to the preparation and use of metal ionâ€buffered systems for physiological research. Acta Physiologica, 2018, 222, e12988.	1.8	10
26	Disturbances of Transretinal Signaling After Ablation of CaV2.3 / R-Type Calcium Channels. Biophysical Journal, 2018, 114, 39a-40a.	0.2	2
27	In vitro and in vivo phosphorylation of the Cav2.3 voltage-gated R-type calcium channel. Channels, 2018, 12, 326-334.	1.5	8
28	Reciprocal modulation of Ca_v2.3 voltageâ€gated calcium channels by copper(<scp>II</scp>) ions and kainic acid. Journal of Neurochemistry, 2018, 147, 310-322.	2.1	9
29	In Reply to â€œCorpus Callosotomy for Drug-Resistant Schizophrenia; Novel Treatment Based on Pathophysiologyâ€• World Neurosurgery, 2018, 116, 485.	0.7	3
30	Multiple nickel-sensitive targets elicit cardiac arrhythmia in isolated mouse hearts after pituitary adenylate cyclase-activating polypeptide-mediated chronotropy. Pharmacological Research, 2017, 117, 140-147.	3.1	1
31	Surgical Approaches in Psychiatry: A Survey of the World Literature on Psychosurgery. World Neurosurgery, 2017, 97, 603-634.e8.	0.7	18
32	Electroretinographic Assessment of Inner Retinal Signaling in the Isolated and Superfused Murine Retina. Current Eye Research, 2017, 42, 1518-1526.	0.7	10
33	R-Type Voltage-Gated Ca²⁺ Channels in Cardiac and Neuronal Rhythmogenesis. Current Molecular Pharmacology, 2015, 8, 102-108.	0.7	5
34	Voltage-gated calcium channels: Determinants of channel function and modulation by inorganic cations. Progress in Neurobiology, 2015, 129, 1-36.	2.8	27
35	Diethyldithiocarbamate-mediated zinc ion chelation reveals role of Cav2.3 channels in glucagon secretion. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 953-964.	1.9	8
36	Cardiac phenomena during kainic-acid induced epilepsy and lamotrigine antiepileptic therapy. Epilepsy Research, 2014, 108, 666-674.	0.8	15

#	Article	IF	Citations
37	Protein Interaction Partners of Cav2.3 R-Type Voltage-Gated Calcium Channels. , 2013, , 151-174.		1