Dmitry I Osmakov

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/760082/publications.pdf

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17	327	840776 11	839539 18
papers	citations	h-index	g-index

20	20	20	312
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sea Anemone Peptide with Uncommon Î²-Hairpin Structure Inhibits Acid-sensing Ion Channel 3 (ASIC3) and Reveals Analgesic Activity. Journal of Biological Chemistry, 2013, 288, 23116-23127.	3.4	60
2	Acid-sensing ion channels and their modulators. Biochemistry (Moscow), 2014, 79, 1528-1545.	1.5	38
3	Lignan from Thyme Possesses Inhibitory Effect on ASIC3 Channel Current. Journal of Biological Chemistry, 2012, 287, 32993-33000.	3.4	29
4	Analgesic Activity of Acid-Sensing Ion Channel 3 (ASIÐ¡3) Inhibitors: Sea Anemones Peptides Ugr9-1 and APETx2 versus Low Molecular Weight Compounds. Marine Drugs, 2018, 16, 500.	4.6	27
5	Mambalgin-2 Induces Cell Cycle Arrest and Apoptosis in Glioma Cells via Interaction with ASIC1a. Cancers, 2020, 12, 1837.	3.7	21
6	Multiple Modulation of Acid-Sensing Ion Channel 1a by the Alkaloid Daurisoline. Biomolecules, 2019, 9, 336.	4.0	17
7	Endogenous Isoquinoline Alkaloids Agonists of Acid-Sensing Ion Channel Type 3. Frontiers in Molecular Neuroscience, 2017, 10, 282.	2.9	15
8	Protonâ€‐independent activation of acidâ€‐sensing ion channel 3 by an alkaloid, lindoldhamine, from Laurus nobilis. British Journal of Pharmacology, 2018, 175, 924-937.	5.4	14
9	Endogenous Neuropeptide Nocistatin Is a Direct Agonist of Acid-Sensing Ion Channels (ASIC1, ASIC2 and) Tj ETQq1 1 0.784314 rgBT	4.0	14
10	Lignans as Pharmacological Agents in Disorders Related to Oxidative Stress and Inflammation: Chemical Synthesis Approaches and Biological Activities. International Journal of Molecular Sciences, 2022, 23, 6031.	4.1	14
11	Conversed mutagenesis of an inactive peptide to ASIC3 inhibitor for active sites determination. Toxicon, 2016, 116, 11-16.	1.6	12
12	Animal, Herb, and Microbial Toxins for Structural and Pharmacological Study of Acid-Sensing Ion Channels. Frontiers in Pharmacology, 2020, 11, 991.	3.5	12
13	Retinoic Acid-Differentiated Neuroblastoma SH-SY5Y Is an Accessible In Vitro Model to Study Native Human Acid-Sensing Ion Channels 1a (ASIC1a). Biology, 2022, 11, 167.	2.8	10
14	Alkaloid Lindoldhamine Inhibits Acid-Sensing Ion Channel 1a and Reveals Anti-Inflammatory Properties. Toxins, 2019, 11, 542.	3.4	9
15	Refolding of disulfide containing peptides in fusion with thioredoxin. Mendeleev Communications, 2020, 30, 214-216.	1.6	8
16	Sevanol and Its Analogues: Chemical Synthesis, Biological Effects and Molecular Docking. Pharmaceuticals, 2020, 13, 163.	3.8	2
17	Pseudomonas Aeruginosa bacteriophage SN: 3D-reconstruction of the capsid and identification of surface proteins by electron microscopy. Russian Journal of Bioorganic Chemistry, 2009, 35, 728-733.	1.0	1