

# Dmitry I Osmakov

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

327  
citations

840776

11  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

312  
citing authors

#	ARTICLE	IF	CITATIONS
1	Retinoic Acid-Differentiated Neuroblastoma SH-SY5Y Is an Accessible In Vitro Model to Study Native Human Acid-Sensing Ion Channels 1a (ASIC1a). <i>Biology</i> , 2022, 11, 167.	2.8	10
2	Lignans as Pharmacological Agents in Disorders Related to Oxidative Stress and Inflammation: Chemical Synthesis Approaches and Biological Activities. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6031.	4.1	14
3	Mambalgin-2 Induces Cell Cycle Arrest and Apoptosis in Glioma Cells via Interaction with ASIC1a. <i>Cancers</i> , 2020, 12, 1837.	3.7	21
4	Sevanol and Its Analogues: Chemical Synthesis, Biological Effects and Molecular Docking. <i>Pharmaceuticals</i> , 2020, 13, 163.	3.8	2
5	Refolding of disulfide containing peptides in fusion with thioredoxin. <i>Mendeleev Communications</i> , 2020, 30, 214-216.	1.6	8
6	Animal, Herb, and Microbial Toxins for Structural and Pharmacological Study of Acid-Sensing Ion Channels. <i>Frontiers in Pharmacology</i> , 2020, 11, 991.	3.5	12
7	Multiple Modulation of Acid-Sensing Ion Channel 1a by the Alkaloid Daurisoline. <i>Biomolecules</i> , 2019, 9, 336.	4.0	17
8	Endogenous Neuropeptide Nocistatin Is a Direct Agonist of Acid-Sensing Ion Channels (ASIC1, ASIC2 and) <i>Trends in Biochemical Sciences</i> , 2019, 44, 14.	4.0	14
9	Alkaloid Lindoldhamine Inhibits Acid-Sensing Ion Channel 1a and Reveals Anti-Inflammatory Properties. <i>Toxins</i> , 2019, 11, 542.	3.4	9
10	Proton-independent activation of acid-sensing ion channel 3 by an alkaloid, lindoldhamine, from <i>Laurus nobilis</i> . <i>British Journal of Pharmacology</i> , 2018, 175, 924-937.	5.4	14
11	Analgesic Activity of Acid-Sensing Ion Channel 3 (ASIC3) Inhibitors: Sea Anemones Peptides Ugr9-1 and APETx2 versus Low Molecular Weight Compounds. <i>Marine Drugs</i> , 2018, 16, 500.	4.6	27
12	Endogenous Isoquinoline Alkaloids Agonists of Acid-Sensing Ion Channel Type 3. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 282.	2.9	15
13	Conversed mutagenesis of an inactive peptide to ASIC3 inhibitor for active sites determination. <i>Toxicon</i> , 2016, 116, 11-16.	1.6	12
14	Acid-sensing ion channels and their modulators. <i>Biochemistry (Moscow)</i> , 2014, 79, 1528-1545.	1.5	38
15	Sea Anemone Peptide with Uncommon $\beta$ -Hairpin Structure Inhibits Acid-sensing Ion Channel 3 (ASIC3) and Reveals Analgesic Activity. <i>Journal of Biological Chemistry</i> , 2013, 288, 23116-23127.	3.4	60
16	Lignan from Thyme Possesses Inhibitory Effect on ASIC3 Channel Current. <i>Journal of Biological Chemistry</i> , 2012, 287, 32993-33000.	3.4	29
17	<i>Pseudomonas Aeruginosa</i> bacteriophage SN: 3D-reconstruction of the capsid and identification of surface proteins by electron microscopy. <i>Russian Journal of Bioorganic Chemistry</i> , 2009, 35, 728-733.	1.0	1