Yingmin Zhu

List of Publications by Year
in descending order

25 papers	1,594 citations	516710 16 h-index	642732 23 g-index
26 all docs	26 docs citations	26 times ranked	2399 citing authors

#	Article	IF	Citations
1	NAADP mobilizes calcium from acidic organelles through two-pore channels. Nature, 2009, 459, 596-600.	27.8	687
2	Identification of ML204, a Novel Potent Antagonist That Selectively Modulates Native TRPC4/C5 Ion Channels. Journal of Biological Chemistry, 2011, 286, 33436-33446.	3.4	171
3	Activation of TRPA1 channels by fenamate nonsteroidal anti-inflammatory drugs. Pflugers Archiv European Journal of Physiology, 2010, 459, 579-592.	2.8	110
4	Critical role for Epac1 in inflammatory pain controlled by GRK2-mediated phosphorylation of Epac1. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3036-3041.	7.1	104
5	Biochemical and Pharmacological Characterizations of ESI-09 Based EPAC Inhibitors: Defining the ESI-09 â€œTherapeutic Windowâ€• Scientific Reports, 2015, 5, 9344.	3.3	90
6	Cyclic Adenosine Diphosphate Ribose Activates Ryanodine Receptors, whereas NAADP Activates Two-pore Domain Channels. Journal of Biological Chemistry, 2011, 286, 9136-9140.	3.4	78
7	Pyrazolo[1,5-a]pyrimidine TRPC6 antagonists for the treatment of gastric cancer. Cancer Letters, 2018, 432, 47-55.	7.2	45
8	Pyrazolopyrimidines as Potent Stimulators for Transient Receptor Potential Canonical 3/6/7 Channels. Journal of Medicinal Chemistry, 2017, 60, 4680-4692.	6.4	44
9	Structureâ€“Activity Relationship Studies of Substituted 2-(Isoxazol-3-yl)-2-oxo-Nâ€²-phenyl-acetohydrazonoyl Cyanide Analogues: Identification of Potent Exchange Proteins Directly Activated by cAMP (EPAC) Antagonists. Journal of Medicinal Chemistry, 2015, 58, 6033-6047.	6.4	38
10	Identification and optimization of 2â€•aminobenzimidazole derivatives as novel inhibitors of <scp>TRPC</scp>4 and <scp>TRPC</scp>5 channels. British Journal of Pharmacology, 2015, 172, 3495-3509.	5.4	38
11	Rp-cAMPS Prodrugs Reveal the cAMP Dependence of First-Phase Glucose-Stimulated Insulin Secretion. Molecular Endocrinology, 2015, 29, 988-1005.	3.7	32
12	Acetylation of histone H3K27 signals the transcriptional elongation for estrogen receptor alpha. Communications Biology, 2020, 3, 165.	4.4	26
13	Organelle-specific Subunit Interactions of the Vertebrate Two-pore Channel Family. Journal of Biological Chemistry, 2015, 290, 1086-1095.	3.4	24
14	Dual depolarization responses generated within the same lateral septal neurons by TRPC4-containing channels. Pflugers Archiv European Journal of Physiology, 2014, 466, 1301-1316.	2.8	21
15	Structureâ€“Activity Relationship Studies with Tetrahydroquinoline Analogs as EPAC Inhibitors. ACS Medicinal Chemistry Letters, 2017, 8, 1183-1187.	2.8	19
16	Expression of penicillin G acylase from the cloned pac gene of Escherichia coli ATCC11105. FEBS Journal, 2001, 268, 1298-1303.	0.2	17
17	Functionalized N,N-Diphenylamines as Potent and Selective EPAC2 Inhibitors. ACS Medicinal Chemistry Letters, 2016, 7, 460-464.	2.8	17
18	Structure-activity relationships of 2-substituted phenyl- N -phenyl-2-oxoacetohydrazonoyl cyanides as novel antagonists of exchange proteins directly activated by cAMP (EPACs). Bioorganic and Medicinal Chemistry Letters, 2017, 27, 5163-5166.	2.2	9

#	Article	IF	Citations
19	Identification of novel 2-(benzo[d]isoxazol-3-yl)-2-oxo- N -phenylacetohydrazonoyl cyanide analoguesas potent EPAC antagonists. European Journal of Medicinal Chemistry, 2017, 134, 62-71.	5.5	8
20	Refolding Proteins from Inclusion Bodies using Differential Scanning Fluorimetry Guided (DGR) Protein Refolding and MeltTraceur Web. Current Protocols in Molecular Biology, 2019, 125, e78.	2.9	6
21	Conformational Changes of RORÎ³ During Response Element Recognition and Coregulator Engagement. Journal of Molecular Biology, 2021, 433, 167258.	4.2	4
22	A cell-based, quantitative and isoform-specific assay for exchange proteins directly activated by cAMP. Scientific Reports, 2017, 7, 6200.	3.3	3
23	Abstract 930: Production of functionally active recombinant FOXA1: The first step towards targeted drug discovery. , 2021, , .		0
24	Depolarization potentials in mouse lateral septal nucleus neurons mediated by TRPC4â€like channels. FASEB Journal, 2012, 26, 1048.17.	0.5	0
25	Biochemical and Pharmacological Characterizations of ESIâ€09 based EPAC inhibitors. FASEB Journal, 2015, 29, 1022.4.	0.5	0