

Ruth A Pumroy

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

858
citations

623734

14
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

1273
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversification of importin- β isoforms in cellular trafficking and disease states. <i>Biochemical Journal</i> , 2015, 466, 13-28.	3.7	187
2	Structural insights on TRPV5 gating by endogenous modulators. <i>Nature Communications</i> , 2018, 9, 4198.	12.8	118
3	Molecular mechanism of TRPV2 channel modulation by cannabidiol. <i>ELife</i> , 2019, 8, .	6.0	106
4	Molecular Determinants for Nuclear Import of Influenza A PB2 by Importin β Isoforms 3 and 7. <i>Structure</i> , 2015, 23, 374-384.	3.3	87
5	Structural insights into the gating mechanisms of TRPV channels. <i>Cell Calcium</i> , 2020, 87, 102168.	2.4	55
6	Three-dimensional context rather than NLS amino acid sequence determines importin β subtype specificity for RCC1. <i>Nature Communications</i> , 2017, 8, 979.	12.8	54
7	Oxidation of methionine residues activates the high-threshold heat-sensitive ion channel TRPV2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24359-24365.	7.1	44
8	Allosteric Antagonist Modulation of TRPV2 by Piperlongumine Impairs Glioblastoma Progression. <i>ACS Central Science</i> , 2021, 7, 868-881.	11.3	34
9	Distinctive Properties of the Nuclear Localization Signals of Inner Nuclear Membrane Proteins Heh1 and Heh2. <i>Structure</i> , 2015, 23, 1305-1316.	3.3	31
10	Structural insights into TRPV2 activation by small molecules. <i>Nature Communications</i> , 2022, 13, 2334.	12.8	25
11	General Model for Retroviral Capsid Pattern Recognition by TRIM5 Proteins. <i>Journal of Virology</i> , 2018, 92, .	3.4	24
12	Nucleoporin Nup50 Stabilizes Closed Conformation of Armadillo repeat 10 in Importin β 5. <i>Journal of Biological Chemistry</i> , 2012, 287, 2022-2031.	3.4	22
13	Structural insights into the molecular mechanism of mouse TRPA1 activation and inhibition. <i>Journal of General Physiology</i> , 2018, 150, 751-762.	1.9	22
14	Cryo-EM structure of the periplasmic tunnel of T7 DNA-ejectosome at 2.7Å... resolution. <i>Molecular Cell</i> , 2021, 81, 3145-3159.e7.	9.7	17
15	Context-Specific Function of the Engineered Peptide Domain of PHP.B. <i>Journal of Virology</i> , 2021, 95, e0116421.	3.4	13
16	Production and purification of TRPV2 and TRPV5 for structural and functional studies. <i>Methods in Enzymology</i> , 2021, 653, 49-74.	1.0	3
17	Nanoparticle Vaccines: In Vivo Assembly of Nanoparticles Achieved through Synergy of Structure-Based Protein Engineering and Synthetic DNA Generates Enhanced Adaptive Immunity (Adv.) <i>Tj ETQq1 110.7843 14 rgBT / Ov</i>		
18	Allosteric Antagonist Modulation of TRPV2 by Piperlongumine Impairs Glioblastoma Progression. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1