

Rachel M Johnson

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

367
citations

858243

12
h-index

1181555

14
g-index

14
all docs

14
docs citations

14
times ranked

636
citing authors

#	ARTICLE	IF	CITATIONS
1	A structural basis for amylin receptor phenotype. <i>Science</i> , 2022, 375, eabm9609.	6.0	28
2	A Structurally Characterized <i>Staphylococcus aureus</i> Evolutionary Escape Route from Treatment with the Antibiotic Linezolid. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	4
3	Membranes under the Magnetic Lens: A Dive into the Diverse World of Membrane Protein Structures Using Cryo-EM. <i>Chemical Reviews</i> , 2022, 122, 13989-14017.	23.0	17
4	Evolving cryo-EM structural approaches for GPCR drug discovery. <i>Structure</i> , 2021, 29, 963-974.e6.	1.6	29
5	Cryo-EM structure of the dual incretin receptor agonist, peptide-19, in complex with the glucagon-like peptide-1 receptor. <i>Biochemical and Biophysical Research Communications</i> , 2021, 578, 84-90.	1.0	14
6	Human TRPC5 structures reveal interaction of a xanthine-based TRPC1/4/5 inhibitor with a conserved lipid binding site. <i>Communications Biology</i> , 2020, 3, 704.	2.0	36
7	Structure-Based Identification and Characterization of Inhibitors of the Epilepsy-Associated KNa1.1 (KCNT1) Potassium Channel. <i>Science</i> , 2020, 23, 101100.	1.9	29
8	Potent Tetrahydroquinolone Eliminates Apicomplexan Parasites. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 203.	1.8	21
9	Cryo-EM Structure and Molecular Dynamics Analysis of the Fluoroquinolone Resistant Mutant of the AcrB Transporter from Salmonella. <i>Microorganisms</i> , 2020, 8, 943.	1.6	25
10	Emerging Role of Electron Microscopy in Drug Discovery. <i>Trends in Biochemical Sciences</i> , 2019, 44, 897-898.	3.7	3
11	Dimeric structures of quinol-dependent nitric oxide reductases (qNORs) revealed by cryo-electron microscopy. <i>Science Advances</i> , 2019, 5, eaax1803.	4.7	14
12	LAT1 (SLC7A5) and CD98hc (SLC3A2) complex dynamics revealed by single-particle cryo-EM. <i>Acta Crystallographica Section D: Structural Biology</i> , 2019, 75, 660-669.	1.1	16
13	Approaches to altering particle distributions in cryo-electron microscopy sample preparation. <i>Acta Crystallographica Section D: Structural Biology</i> , 2018, 74, 560-571.	1.1	108
14	X-ray and cryo-EM structures of inhibitor-bound cytochrome <i>bc₁</i> complexes for structure-based drug discovery. <i>IUCr</i> , 2018, 5, 200-210.	1.0	23