

Arthur Neuberger

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,195
citations

759233

12
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

1562
citing authors

#	ARTICLE	IF	CITATIONS
1	Multidrug efflux pumps: structure, function and regulation. <i>Nature Reviews Microbiology</i> , 2018, 16, 523-539.	28.6	580
2	Structure of the MacAB-TolC ABC-type tripartite multidrug efflux pump. <i>Nature Microbiology</i> , 2017, 2, 17070.	13.3	140
3	Structural mechanism of heat-induced opening of a temperature-sensitive TRP channel. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 564-572.	8.2	76
4	Crystal structure of tripartite-type ABC transporter MacB from <i>Acinetobacter baumannii</i> . <i>Nature Communications</i> , 2017, 8, 1336.	12.8	74
5	Structure and mechanism of bacterial tripartite efflux pumps. <i>Research in Microbiology</i> , 2018, 169, 401-413.	2.1	51
6	Interactions of a Bacterial RND Transporter with a Transmembrane Small Protein in a Lipid Environment. <i>Structure</i> , 2020, 28, 625-634.e6.	3.3	47
7	Renovation as innovation: is repurposing the future of drug discovery research?. <i>Drug Discovery Today</i> , 2019, 24, 1-3.	6.4	43
8	Extracellular cap domain is an essential component of the TRPV1 gating mechanism. <i>Nature Communications</i> , 2021, 12, 2154.	12.8	40
9	Structural mechanisms of TRPV6 inhibition by ruthenium red and econazole. <i>Nature Communications</i> , 2021, 12, 6284.	12.8	30
10	Structural mechanism of TRPV3 channel inhibition by the plant-derived coumarin osthole. <i>EMBO Reports</i> , 2021, 22, e53233.	4.5	26
11	Inactivation-mimicking block of the epithelial calcium channel TRPV6. <i>Science Advances</i> , 2020, 6, .	10.3	22
12	Structural mechanism of TRPV3 channel inhibition by the anesthetic dyclonine. <i>Nature Communications</i> , 2022, 13, 2795.	12.8	17
13	Relocation of active site carboxylates in major facilitator superfamily multidrug transporter LmrP reveals plasticity in proton interactions. <i>Scientific Reports</i> , 2016, 6, 38052.	3.3	12
14	TRPV3 expression and purification for structure determination by Cryo-EM. <i>Methods in Enzymology</i> , 2021, 652, 31-48.	1.0	11
15	Hoechst 33342 Is a Hidden "Janus" amongst Substrates for the Multidrug Efflux Pump LmrP. <i>PLoS ONE</i> , 2015, 10, e0141991.	2.5	5
16	Lemons, or Squeezed for Resources? Information Symmetry and Asymmetric Resources in Biotechnology. <i>Frontiers in Pharmacology</i> , 2017, 8, 338.	3.5	3
17	IntelliEppi: Intelligent Reaction Monitoring and Holistic Data Management System for the Molecular Biology Lab. <i>Lecture Notes in Networks and Systems</i> , 2020, , 392-407.	0.7	1
18	Structural snapshots of the mechanism of TRPV2 channel activation by small-molecule agonists. <i>Cell Calcium</i> , 2022, 105, 102607.	2.4	0