

Suzanne ZoÃ« Fisher

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

423
citations

1040056

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1058476

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15
docs citations

15
times ranked

628
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutron Diffraction of Acetazolamide-Bound Human Carbonic Anhydrase II Reveals Atomic Details of Drug Binding. <i>Journal of the American Chemical Society</i> , 2012, 134, 14726-14729.	13.7	100
2	Neutron Structure of Human Carbonic Anhydrase II: Implications for Proton Transfer. <i>Biochemistry</i> , 2010, 49, 415-421.	2.5	82
3	Crystal Structure of Non-Structural Protein 10 from Severe Acute Respiratory Syndrome Coronavirus-2. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7375.	4.1	48
4	"To Be or Not to Be" Protonated: Atomic Details of Human Carbonic Anhydrase-Clinical Drug Complexes by Neutron Crystallography and Simulation. <i>Structure</i> , 2018, 26, 383-390.e3.	3.3	40
5	Neutron Crystallography for the Study of Hydrogen Bonds in Macromolecules. <i>Molecules</i> , 2017, 22, 596.	3.8	39
6	Neutron structure of human carbonic anhydrase II in complex with methazolamide: mapping the solvent and hydrogen-bonding patterns of an effective clinical drug. <i>IUCr</i> , 2016, 3, 319-325.	2.2	27
7	Visualizing drug binding interactions using microcrystal electron diffraction. <i>Communications Biology</i> , 2020, 3, 417.	4.4	25
8	Identification of fragments binding to SARS-CoV-2 nsp10 reveals ligand-binding sites in conserved interfaces between nsp10 and nsp14/nsp16. <i>RSC Chemical Biology</i> , 2022, 3, 44-55.	4.1	23
9	Using neutron crystallography to elucidate the basis of selective inhibition of carbonic anhydrase by saccharin and a derivative. <i>Journal of Structural Biology</i> , 2019, 205, 147-154.	2.8	13
10	Improved molecular recognition of Carbonic Anhydrase IX by polypeptide conjugation to acetazolamide. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 5838-5848.	3.0	8
11	Large crystal growth for neutron protein crystallography. <i>Methods in Enzymology</i> , 2020, 634, 21-46.	1.0	7
12	From Initial Hit to Crystal Optimization with Microseeding of Human Carbonic Anhydrase IX—A Case Study for Neutron Protein Crystallography. <i>Crystals</i> , 2018, 8, 434.	2.2	5
13	Biophysical Characterization of Cancer-Related Carbonic Anhydrase IX. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5277.	4.1	4
14	A protocol for production of perdeuterated OmpF porin for neutron crystallography. <i>Protein Expression and Purification</i> , 2021, 188, 105954.	1.3	1