

Steffen Brähler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6251159/publications.pdf>

Version: 2024-02-01

9
papers

806
citations

1307594

7
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

1339
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics and mechanism of a light-driven chloride pump. <i>Science</i> , 2022, 375, 845-851.	12.6	43
2	Femtosecond-to-millisecond structural changes in a light-driven sodium pump. <i>Nature</i> , 2020, 583, 314-318.	27.8	115
3	Proton uptake mechanism in bacteriorhodopsin captured by serial synchrotron crystallography. <i>Science</i> , 2019, 365, 61-65.	12.6	117
4	Molybdate pumping into the molybdenum storage protein via an ATP-powered piercing mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26497-26504.	7.1	8
5	The Molybdenum Storage Protein: A soluble ATP hydrolysis-dependent molybdate pump. <i>FEBS Journal</i> , 2018, 285, 4602-4616.	4.7	9
6	The molybdenum storage protein – A bionanofactory for creating experimentally alterable polyoxomolybdate clusters. <i>Journal of Inorganic Biochemistry</i> , 2018, 189, 172-179.	3.5	7
7	Retinal isomerization in bacteriorhodopsin captured by a femtosecond x-ray laser. <i>Science</i> , 2018, 361, .	12.6	285
8	The Crystal Structure of RosB: Insights into the Reaction Mechanism of the First Member of a Family of Flavodoxin-like Enzymes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1146-1151.	13.8	16
9	Serial millisecond crystallography for routine room-temperature structure determination at synchrotrons. <i>Nature Communications</i> , 2017, 8, 542.	12.8	203