

Sonja Welsch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5291159/publications.pdf>

Version: 2024-02-01

9
papers

1,205
citations

1307594

7
h-index

1588992

8
g-index

14
all docs

14
docs citations

14
times ranked

2472
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ structural analysis of SARS-CoV-2 spike reveals flexibility mediated by three hinges. <i>Science</i> , 2020, 370, 203-208.	12.6	531
2	Correlated fluorescence and 3D electron microscopy with high sensitivity and spatial precision. <i>Journal of Cell Biology</i> , 2011, 192, 111-119.	5.2	408
3	Precise, Correlated Fluorescence Microscopy and Electron Tomography of Lowicryl Sections Using Fluorescent Fiducial Markers. <i>Methods in Cell Biology</i> , 2012, 111, 235-257.	1.1	130
4	The cryo-EM structure of the bd oxidase from <i>M. tuberculosis</i> reveals a unique structural framework and enables rational drug design to combat TB. <i>Nature Communications</i> , 2021, 12, 5236.	12.8	29
5	Cryo-EM structures of intermediates suggest an alternative catalytic reaction cycle for cytochrome c oxidase. <i>Nature Communications</i> , 2021, 12, 6903.	12.8	25
6	Structural basis for amino acid exchange by a human heteromeric amino acid transporter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21281-21287.	7.1	22
7	Mechanistic and structural diversity between cytochrome <i>bd</i> isoforms of <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	15
8	Structure-based electron-confurcation mechanism of the Ldh-EtfAB complex. <i>ELife</i> , 0, 11, .	6.0	9
9	Cryo-EM structures of pentameric autoinducer-2 exporter from <i>Escherichia coli</i> reveal its transport mechanism. <i>EMBO Journal</i> , 2022, 41, .	7.8	8