

Vivek Srinivas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2521672/publications.pdf>

Version: 2024-02-01

9
papers

346
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

698
citing authors

#	ARTICLE	IF	CITATIONS
1	Drop-on-demand sample delivery for studying biocatalysts in action at X-ray free-electron lasers. <i>Nature Methods</i> , 2017, 14, 443-449.	19.0	150
2	A Rare Lysozyme Crystal Form Solved Using Highly Redundant Multiple Electron Diffraction Datasets from Micron-Sized Crystals. <i>Structure</i> , 2018, 26, 667-675.e3.	3.3	62
3	Metal-free ribonucleotide reduction powered by a DOPA radical in <i>Mycoplasma</i> pathogens. <i>Nature</i> , 2018, 563, 416-420.	27.8	50
4	High-Resolution XFEL Structure of the Soluble Methane Monooxygenase Hydroxylase Complex with its Regulatory Component at Ambient Temperature in Two Oxidation States. <i>Journal of the American Chemical Society</i> , 2020, 142, 14249-14266.	13.7	41
5	Divergent assembly mechanisms of the manganese/iron cofactors in R2lox and R2c proteins. <i>Journal of Inorganic Biochemistry</i> , 2016, 162, 164-177.	3.5	24
6	Ether cross-link formation in the R2-like ligand-binding oxidase. <i>Journal of Biological Inorganic Chemistry</i> , 2018, 23, 879-886.	2.6	8
7	Chemical flexibility of heterobimetallic Mn/Fe cofactors: R2lox and R2c proteins. <i>Journal of Biological Chemistry</i> , 2019, 294, 18372-18386.	3.4	8
8	Comparative structural analysis provides new insights into the function of R2-like ligand-binding oxidase. <i>FEBS Letters</i> , 2022, 596, 1600-1610.	2.8	2
9	Fate of oxygen species from O ₂ activation at dimetal cofactors in an oxidase enzyme revealed by ⁵⁷ Fe nuclear resonance X-ray scattering and quantum chemistry. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2019, 1860, 148060.	1.0	1