

Wonchull Kang

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

215
citations

1478280
6
h-index

1588896
8
g-index

9
all docs

9
docs citations

9
times ranked

217
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence of substrate binding and product release via belt-sulfur mobilization of the nitrogenase cofactor. <i>Nature Catalysis</i> , 2022, 5, 443-454.	16.1	31
2	The Crystal Structure of L-Leucine Dehydrogenase from <i>Pseudomonas aeruginosa</i> . <i>Molecules and Cells</i> , 2022, 45, 495-501.	1.0	2
3	X-ray Crystallographic Analysis of NifB with a Full Complement of Clusters: Structural Insights into the Radical SAM-Dependent Carbide Insertion During Nitrogenase Cofactor Assembly. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2364-2370.	7.2	23
4	X-ray Crystallographic Analysis of NifB with a Full Complement of Clusters: Structural Insights into the Radical SAM-Dependent Carbide Insertion During Nitrogenase Cofactor Assembly. <i>Angewandte Chemie</i> , 2021, 133, 2394-2400.	1.6	2
5	Response to Comment on "Structural evidence for a dynamic metallocofactor during N ₂ reduction by Mo-nitrogenase". <i>Science</i> , 2021, 371, .	6.0	19
6	Structural evidence for a dynamic metallocofactor during N ₂ reduction by Mo-nitrogenase. <i>Science</i> , 2020, 368, 1381-1385.	6.0	120
7	Structural and Mechanistic Insights into CO ₂ Activation by Nitrogenase Iron Protein. <i>Chemistry - A European Journal</i> , 2019, 25, 13078-13082.	1.7	8
8	Structural Analysis of a Nitrogenase Iron Protein from <i>Methanosarcina acetivorans</i> : Implications for CO ₂ Capture by a Surface-Exposed [Fe ₄ S ₄] Cluster. <i>MBio</i> , 2019, 10, .	1.8	10
9	Frontispiece: Structural and Mechanistic Insights into CO ₂ Activation by Nitrogenase Iron Protein. <i>Chemistry - A European Journal</i> , 2019, 25, .	1.7	0