Wonchull Kang

List of Publications by Year
in descending order

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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	Structural evidence for a dynamic metallocofactor during N ₂ reduction by Mo-nitrogenase. Science, 2020, 368, 1381-1385.	6.0	120
2	Evidence of substrate binding and product release via belt-sulfur mobilization of the nitrogenase cofactor. Nature Catalysis, 2022, 5, 443-454.	16.1	31
3	Xâ€Ray Crystallographic Analysis of NifB with a Full Complement of Clusters: Structural Insights into the Radical SAMâ€Dependent Carbide Insertion During Nitrogenase Cofactor Assembly. Angewandte Chemie - International Edition, 2021, 60, 2364-2370.	7.2	23
4	Response to Comment on â€œStructural evidence for a dynamic metallocofactor during N ₂ reduction by Mo-nitrogenaseâ€• Science, 2021, 371, .	6.0	19
5	Structural Analysis of a Nitrogenase Iron Protein from Methanosarcina acetivorans: Implications for CO ₂ Capture by a Surface-Exposed [Fe ₄ S ₄] Cluster. MBio, 2019, 10, .	1.8	10
6	Structural and Mechanistic Insights into CO 2 Activation by Nitrogenase Iron Protein. Chemistry - A European Journal, 2019, 25, 13078-13082.	1.7	8
7	Xâ€Ray Crystallographic Analysis of NifB with a Full Complement of Clusters: Structural Insights into the Radical SAMâ€Dependent Carbide Insertion During Nitrogenase Cofactor Assembly. Angewandte Chemie, 2021, 133, 2394-2400.	1.6	2
8	The Crystal Structure of L-Leucine Dehydrogenase from Pseudomonas aeruginosa. Molecules and Cells, 2022, 45, 495-501.	1.0	2
9	Frontispiece: Structural and Mechanistic Insights into CO₂ Activation by Nitrogenase Iron Protein. Chemistry - A European Journal, 2019, 25, .	1.7	0