

Anastasia C Manesis

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

171
citations

1478505

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1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

183
citing authors

#	ARTICLE	IF	CITATIONS
1	Multielectron Chemistry within a Model Nickel Metalloprotein: Mechanistic Implications for Acetyl-CoA Synthase. <i>Journal of the American Chemical Society</i> , 2017, 139, 10328-10338.	13.7	36
2	Electrochemical, Spectroscopic, and Density Functional Theory Characterization of Redox Activity in Nickel-Substituted Azurin: A Model for Acetyl-CoA Synthase. <i>Inorganic Chemistry</i> , 2015, 54, 7959-7967.	4.0	34
3	Spectroelectrochemical investigations of nickel cyclam indicate different reaction mechanisms for electrocatalytic CO ₂ and H ⁺ reduction. <i>Dalton Transactions</i> , 2018, 47, 15206-15216.	3.3	24
4	A photoactive semisynthetic metalloenzyme exhibits complete selectivity for CO ₂ reduction in water. <i>Chemical Communications</i> , 2018, 54, 4681-4684.	4.1	21
5	A Biochemical Nickel(I) State Supports Nucleophilic Alkyl Addition: A Roadmap for Methyl Reactivity in Acetyl Coenzyme A Synthase. <i>Inorganic Chemistry</i> , 2019, 58, 8969-8982.	4.0	21
6	Ligand Field Inversion as a Mechanism to Gate Bioorganometallic Reactivity: Investigating a Biochemical Model of Acetyl CoA Synthase Using Spectroscopy and Computation. <i>Journal of the American Chemical Society</i> , 2021, 143, 849-867.	13.7	17
7	Copper binding by a unique family of metalloproteins is dependent on kynurenine formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	8
8	MbnH is a diheme MauG-like protein associated with microbial copper homeostasis. <i>Journal of Biological Chemistry</i> , 2019, 294, 16141-16151.	3.4	6
9	Thioester synthesis by a designed nickel enzyme models prebiotic energy conversion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	4