

Anastasia C Manesis

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1478505

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9
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183
citing authors

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