

Nicholas G Pavlopoulos

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

268
citations

933447

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1125743

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all docs

15
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15
times ranked

367
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleophilic Activation of Elemental Sulfur for Inverse Vulcanization and Dynamic Covalent Polymerizations. <i>Journal of Polymer Science Part A</i> , 2019, 57, 7-12.	2.3	65
2	[FeFe]-Hydrogenase Mimetic Metallopolymers with Enhanced Catalytic Activity for Hydrogen Production in Water. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11898-11902.	13.8	52
3	Band Edge Energetics of Heterostructured Nanorods: Photoemission Spectroscopy and Waveguide Spectroelectrochemistry of Au-Tipped CdSe Nanorod Monolayers. <i>ACS Nano</i> , 2015, 9, 8786-8800.	14.6	25
4	Synthesis and Assembly of Dipolar Heterostructured Tetrapods: Colloidal Polymers with α -Giant tert-butyl Groups. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1787-1791.	13.8	24
5	The Role Silver Nanoparticles Plays in Silver-Based Double-Perovskite Nanocrystals. <i>Chemistry of Materials</i> , 2021, 33, 2370-2377.	6.7	23
6	Type I vs. quasi-type II modulation in CdSe@CdS tetrapods: ramifications for noble metal tipping. <i>CrystEngComm</i> , 2017, 19, 6443-6453.	2.6	15
7	Refractive Index Contrast Polymers: Photoresponsive Systems with Spatial Modulation of Refractive Index for Photonics. <i>ACS Macro Letters</i> , 2020, 9, 416-421.	4.8	14
8	Polymer-Coated Magnetic Nanoparticles as Ultrahigh Verdet Constant Materials: Correlation of Nanoparticle Size with Magnetic and Magneto-Optical Properties. <i>Chemistry of Materials</i> , 2021, 33, 5010-5020.	6.7	12
9	Unexpectedly High Capacitance of the Metal Nanoparticle/Water Interface: Molecular Level Insights into the Electrical Double Layer. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	12
10	[FeFe]-Hydrogenase Mimetic Metallopolymers with Enhanced Catalytic Activity for Hydrogen Production in Water. <i>Angewandte Chemie</i> , 2018, 130, 12074-12078.	2.0	10
11	Functionalized gold-nanoparticles enhance photosystem II driven photocurrent in a hybrid nano-bio-photoelectrochemical cell. <i>Journal of Materials Chemistry A</i> , 2021, 9, 17231-17241.	10.3	8
12	Water-soluble and air-stable [2Fe-2S]-metallopolymers: A new class of electrocatalysts for H ₂ production via water splitting. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 701-706.	1.6	4
13	On the Unexpectedly High Capacitance of the Metal Nanoparticle/Water Interface – Molecular Level Insights into the Electrical Double Layer. <i>Angewandte Chemie</i> , 0, , .	2.0	3
14	Shining light on the role of shape-controlled nanomaterials in photocatalysis. <i>Current Opinion in Electrochemistry</i> , 2021, 26, 100676.	4.8	1
15	Synthesis and Assembly of Dipolar Heterostructured Tetrapods: Colloidal Polymers with α -Giant tert-butyl Groups. <i>Angewandte Chemie</i> , 2016, 128, 1819-1823.	2.0	0