Metin Karayilan

List of Publications by Year
in descending order

15	341	932766 10	1058022 14
papers	citations	h-index	g-index

15	15	15	315
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reassessing Undergraduate Polymer Chemistry Laboratory Experiments for Virtual Learning Environments. Journal of Chemical Education, 2022, 99, 1877-1889.	1.1	11
2	Polymeric Materials for Eye Surface and Intraocular Applications. Biomacromolecules, 2021, 22, 223-261.	2.6	20
3	Zooming in on Polymer Chemistry and Designing Synthesis of High Sulfur-Content Polymers for Virtual Undergraduate Laboratory Experiment. Journal of Chemical Education, 2021, 98, 2062-2073.	1.1	8
4	Synthesis of Metallopolymers via Atom Transfer Radical Polymerization from a [2Feâ€2S] Metalloinitiator: Molecular Weight Effects on Electrocatalytic Hydrogen Production. Macromolecular Rapid Communications, 2020, 41, e1900424.	2.0	10
5	Chalcogenide hybrid inorganic/organic polymer resins: Amine functional prepolymers from elemental sulfur. Journal of Polymer Science, 2020, 58, 35-41.	2.0	12
6	Influence of the Processing Environment on the Surface Composition and Electronic Structure of Size-Quantized CdSe Quantum Dots. Journal of Physical Chemistry C, 2020, 124, 21305-21318.	1.5	9
7	Increasing the rate of the hydrogen evolution reaction in neutral water with protic buffer electrolytes. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32947-32953.	3.3	16
8	Chalcogenide hybrid inorganic/organic polymer resins: Amine functional prepolymers from elemental sulfur. Journal of Polymer Science, 2020, 58, 35-41.	2.0	0
9	Water-soluble and air-stable [2Fe-2S]-metallopolymers: A new class of electrocatalysts for H2production via water splitting. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 701-706.	0.8	4
10	Catalytic Metallopolymers from [2Feâ€2S] Clusters: Artificial Metalloenzymes for Hydrogen Production. Angewandte Chemie - International Edition, 2019, 58, 7537-7550.	7.2	56
11	Catalytic Metallopolymers from [2Feâ€2S] Clusters: Artificial Metalloenzymes for Hydrogen Production. Angewandte Chemie, 2019, 131, 7617-7630.	1.6	42
12	Nucleophilic Activation of Elemental Sulfur for Inverse Vulcanization and Dynamic Covalent Polymerizations. Journal of Polymer Science Part A, 2019, 57, 7-12.	2.5	65
13	Macromolecular Engineering of the Outer Coordination Sphere of [2Fe-2S] Metallopolymers to Enhance Catalytic Activity for H₂ Production. ACS Macro Letters, 2018, 7, 1383-1387.	2.3	26
14	[FeFe]â€Hydrogenase Mimetic Metallopolymers with Enhanced Catalytic Activity for Hydrogen Production in Water. Angewandte Chemie, 2018, 130, 12074-12078.	1.6	10
15	[FeFe]â€Hydrogenase Mimetic Metallopolymers with Enhanced Catalytic Activity for Hydrogen Production in Water. Angewandte Chemie - International Edition, 2018, 57, 11898-11902.	7.2	52