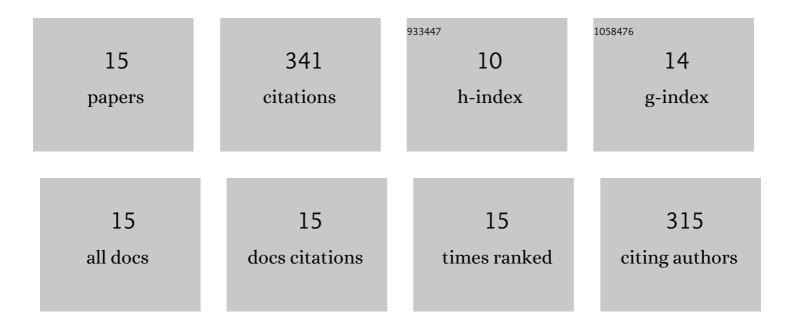
Metin Karayilan

List of Publications by Year in descending order

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METIN KADAVILAN

#	Article	IF	CITATIONS
1	Nucleophilic Activation of Elemental Sulfur for Inverse Vulcanization and Dynamic Covalent Polymerizations. Journal of Polymer Science Part A, 2019, 57, 7-12.	2.3	65
2	Catalytic Metallopolymers from [2Feâ€2S] Clusters: Artificial Metalloenzymes for Hydrogen Production. Angewandte Chemie - International Edition, 2019, 58, 7537-7550.	13.8	56
3	[FeFe]â€Hydrogenase Mimetic Metallopolymers with Enhanced Catalytic Activity for Hydrogen Production in Water. Angewandte Chemie - International Edition, 2018, 57, 11898-11902.	13.8	52
4	Catalytic Metallopolymers from [2Feâ€2S] Clusters: Artificial Metalloenzymes for Hydrogen Production. Angewandte Chemie, 2019, 131, 7617-7630.	2.0	42
5	Macromolecular Engineering of the Outer Coordination Sphere of [2Fe-2S] Metallopolymers to Enhance Catalytic Activity for H ₂ Production. ACS Macro Letters, 2018, 7, 1383-1387.	4.8	26
6	Polymeric Materials for Eye Surface and Intraocular Applications. Biomacromolecules, 2021, 22, 223-261.	5.4	20
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.	7.1	16
8	Chalcogenide hybrid inorganic/organic polymer resins: Amine functional prepolymers from elemental sulfur. Journal of Polymer Science, 2020, 58, 35-41.	3.8	12
9	Reassessing Undergraduate Polymer Chemistry Laboratory Experiments for Virtual Learning Environments. Journal of Chemical Education, 2022, 99, 1877-1889.	2.3	11
10	[FeFe]â€Hydrogenase Mimetic Metallopolymers with Enhanced Catalytic Activity for Hydrogen Production in Water. Angewandte Chemie, 2018, 130, 12074-12078.	2.0	10
11	Synthesis of Metallopolymers via Atom Transfer Radical Polymerization from a [2Feâ€⊋S] Metalloinitiator: Molecular Weight Effects on Electrocatalytic Hydrogen Production. Macromolecular Rapid Communications, 2020, 41, e1900424.	3.9	10
12	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.	3.1	9
13	<i>Zooming in</i> on Polymer Chemistry and Designing Synthesis of High Sulfur-Content Polymers for Virtual Undergraduate Laboratory Experiment. Journal of Chemical Education, 2021, 98, 2062-2073.	2.3	8
14	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.	1.6	4
15	Chalcogenide hybrid inorganic/organic polymer resins: Amine functional prepolymers from elemental sulfur. Journal of Polymer Science, 2020, 58, 35-41.	3.8	0