

Tanmay Rom

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Charge Separated One-Dimensional Hybrid Cobalt/Nickel Phosphonate Frameworks: A Facile Approach to Design Bifunctional Electrocatalyst for Oxygen Evolution and Hydrogen Evolution Reactions. <i>Inorganic Chemistry</i> , 2021, 60, 15106-15111.	4.0	21
2	Transition Metal Ions Regulated Structural and Catalytic Behaviors of Coordination Polymers. <i>Crystal Growth and Design</i> , 2020, 20, 5277-5288.	3.0	19
3	First Example of a Nonanuclear Silver Sulfate Hybrid Cluster: Green Approach for Synthesis of Lewis Acid Catalyst. <i>Crystal Growth and Design</i> , 2018, 18, 6411-6416.	3.0	18
4	Role of aromatic <i>vs.</i> aliphatic amine for the variation of structural, electrical and catalytic behaviors in a series of silver phosphonate extended hybrid solids. <i>Dalton Transactions</i> , 2020, 49, 13618-13634.	3.3	17
5	Colossal Dielectric Responses from the Wide Band Gap 2D-Semiconducting Amine Templated Hybrid Framework Materials. <i>Inorganic Chemistry</i> , 2020, 59, 9465-9470.	4.0	12
6	Tail-approach based design and synthesis of Arylthiazolyldiazono-1,2,3-triazoles incorporating sulfanilamide and metanilamide as human carbonic anhydrase I, II, IV and IX inhibitors. <i>Bioorganic Chemistry</i> , 2022, 123, 105764.	4.1	11
7	Organoamine Templated Multifunctional Hybrid Metal Phosphonate Frameworks: Promising Candidates for Tailoring Electrochemical Behaviors and Size-Selective Efficient Heterogeneous Lewis Acid Catalysis. <i>Inorganic Chemistry</i> , 2022, 61, 9580-9594.	4.0	11
8	Vanadate Encapsulated Polyoxoborate Framework with $[V_{12}B_{18}]$ Clusters: An Efficient Bifunctional Electrocatalyst for Oxygen and Hydrogen Evolution Reactions. <i>Crystal Growth and Design</i> , 2022, 22, 4666-4672.	3.0	11
9	Evolution of transition metal charge states in correlation with the structural and magnetic properties in disordered double perovskites $Ca_{2-x}La_xFeRuO_6$ (0.5 $\leq x \leq 2$). <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 21769-21783.	2.8	9
10	Syntheses, crystal structures, topology and dual electronic behaviors of a family of amine-templated three-dimensional zinc-organophosphonate hybrid solids. <i>Journal of Molecular Structure</i> , 2022, 1263, 133087.	3.6	7
11	Antiferromagnetically coupled double perovskite as an efficient and robust catalyst for visible light driven water splitting at neutral pH. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 5083-5093.	2.8	5
12	Synthesis, Structure and Topology of Copper(I) Tetrazolate Framework: Facile Approach to Design Multiple Dye Adsorbent with Carbon Composites. <i>ChemistrySelect</i> , 2022, 7, .	1.5	3