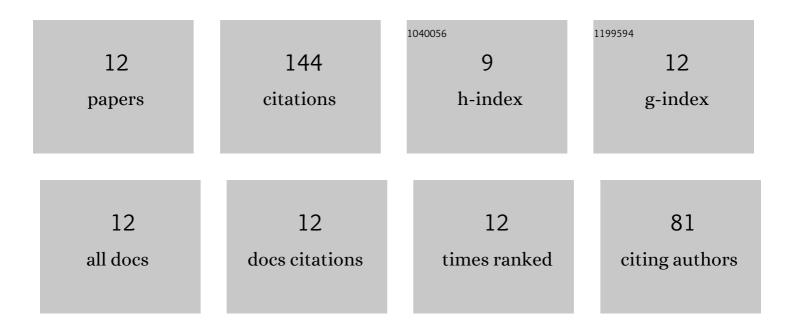
Tanmay Rom

List of Publications by Year in descending order

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