

# Arpita Saha

## List of Publications by Year in descending order

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Version: 2024-02-01

7  
papers

191  
citations

1684188  
5  
h-index

1872680  
6  
g-index

7  
all docs

7  
docs citations

7  
times ranked

279  
citing authors

#	ARTICLE	IF	CITATIONS
1	Family of Double-Cubane Mn <sub>4</sub> Ln <sub>2</sub> (Ln = Gd, Tb, Dy, Ho) and Mn <sub>4</sub> Y <sub>2</sub> Complexes: A New Mn <sub>4</sub> Tb <sub>2</sub> Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2011, 50, 10476-10485.	4.0	83
2	Thermo-catalytic co-pyrolysis of biomass and high-density polyethylene for improving the yield and quality of pyrolysis liquid. <i>Energy</i> , 2021, 225, 120231.	8.8	44
3	New Mixed-Valent Mn Clusters from the Use of $\mu_3$ , $\mu_2$ , $\mu_4$ , and $\mu_6$ -Tetrakis(2-hydroxyethyl)ethylenediamine (edteH <sub>4</sub> ): Mn <sub>3</sub> , Mn <sub>4</sub> , Mn <sub>6</sub> , and Mn <sub>10</sub> . <i>Inorganic Chemistry</i> , 2011, 50, 12774-12784.	4.0	31
4	Removal of a potentially hazardous chemical, tetrakis (hydroxymethyl) phosphonium chloride from water using biochar as a medium of adsorption. <i>Environmental Technology and Innovation</i> , 2018, 12, 196-210.	6.1	21
5	Synthesis, characterization, computational study, and biological relevance of a family of isostructural, mononuclear Ln (Ln = Gd, Tb, Dy, Ho, Er) complexes containing pyridoxine, an essential ingredient of vitamin B6 enzyme. <i>Inorganica Chimica Acta</i> , 2017, 464, 172-181.	2.4	10
6	Synthesis and characterization of two new mixed-valent Mn <sub>6</sub> complexes derived from a well-explored 2-hydroxymethyl pyridine along with the use of newly employed carboxylate ions. <i>Inorganic Chemistry Communication</i> , 2018, 97, 139-143.	3.9	2
7	Synthesis, structural variation, and magnetic properties of two polynuclear Mn-based complexes derived from 4,5-Bis(hydroxymethyl)-2-methylpyridin-3-ol. <i>Inorganic Chemistry Communication</i> , 2020, 121, 108226.	3.9	0