

# Madhumita Mukherjee Prasad

## List of Publications by Year in descending order

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13  
papers

336  
citations

840776

11  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

475  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-aggregation of binary mixtures of alkyltriphenylphosphonium bromides: a critical assessment in favor of more than one kind of micelle formation. <i>Journal of Colloid and Interface Science</i> , 2005, 284, 658-666.	9.4	71
2	Critical Evaluation of Micellization Behavior of Nonionic Surfactant MEGA 10 in Comparison with Ionic Surfactant Tetradecyltriphenylphosphonium Bromide Studied by Microcalorimetric Method in Aqueous Medium. <i>Journal of Physical Chemistry B</i> , 2006, 110, 9815-9821.	2.6	49
3	SNX27â€“retromer assembly recycles MT1-MMP to invadopodia and promotes breast cancer metastasis. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	38
4	Metal-binding properties and structural characterization of a self-assembled coiled coil: Formation of a polynuclear Cdâ€“thiolate cluster. <i>Journal of Inorganic Biochemistry</i> , 2013, 119, 1-9.	3.5	31
5	Micelles of Benzethonium Chloride undergoes spherical to cylindrical shape transformation: An intrinsic fluorescence and calorimetric approach. <i>Chemical Physics Letters</i> , 2014, 593, 115-121.	2.6	26
6	Nanometer to Millimeter Scale Peptide-Porphyrin Materials. <i>Biomacromolecules</i> , 2010, 11, 2602-2609.	5.4	22
7	Exploring the Self-Assembly of a Short Aromatic A <sup>2</sup> (16â€“24) Peptide. <i>Langmuir</i> , 2013, 29, 2713-2721.	3.5	22
8	Computationally designed antibodyâ€“drug conjugates self-assembled via affinity ligands. <i>Nature Biomedical Engineering</i> , 2019, 3, 917-929.	22.5	19
9	Insights into the GTP/GDP Cycle of RabX3, a Novel GTPase from <i>Entamoeba histolytica</i> with Tandem G-Domains. <i>Biochemistry</i> , 2014, 53, 1191-1205.	2.5	17
10	Enhanced Luminescent Properties of Photoâ€“Stable Copper Nanoclusters through Formation of â€“Proteinâ€“Coronaâ€“Like Assemblies. <i>ChemPhysChem</i> , 2018, 19, 2218-2223.	2.1	12
11	Cd <sup>2+</sup> -Induced Conformational Change of a Synthetic Metallopeptide: Slow Metal Binding Followed by a Slower Conformational Change. <i>Inorganic Chemistry</i> , 2008, 47, 4430-4432.	4.0	11
12	Biophysical studies on calcium and carbohydrate binding to carbohydrate recognition domain of Gal/GalNAc lectin from <i>Entamoeba histolytica</i> : insights into host cell adhesion. <i>Journal of Biochemistry</i> , 2016, 160, 177-186.	1.7	10
13	Structural and thermodynamic characterization of metal binding in Vps29 from <i>Entamoeba histolytica</i> : implication in retromer function. <i>Molecular Microbiology</i> , 2017, 106, 562-581.	2.5	8