

# M Hamsa Priya

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

537  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

666  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unraveling the Influence of Osmolytes on Water Hydrogen-Bond Network: From Local Structure to Graph Theory Analysis. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 3927-3944.	5.4	15
2	Molecular View into the Cyclodextrin Cavity: Structure and Hydration. <i>ACS Omega</i> , 2020, 5, 25655-25667.	3.5	74
3	Quasi-Chemical Theory of Cosolvent Hydrophobic Preferential Interactions. <i>Journal of Physical Chemistry B</i> , 2012, 116, 6506-6513.	2.6	3
4	Effect of PEG End-Group Hydrophobicity on Lysozyme Interactions in Solution Characterized by Light Scattering. <i>Langmuir</i> , 2011, 27, 13713-13718.	3.5	11
5	Cosolvent Preferential Molecular Interactions in Aqueous Solutions. <i>Journal of Physical Chemistry B</i> , 2011, 115, 13633-13642.	2.6	9
6	Distinguishing Thermodynamic and Kinetic Views of the Preferential Hydration of Protein Surfaces. <i>Biophysical Journal</i> , 2008, 95, 2219-2225.	0.5	13
7	Kinetics of TiO <sub>2</sub> -Catalyzed Ultrasonic Degradation of Rhodamine Dyes. <i>Industrial &amp; Engineering Chemistry Research</i> , 2006, 45, 913-921.	3.7	70
8	Kinetics of Photocatalytic Degradation of Chlorophenol, Nitrophenol, and Their Mixtures. <i>Industrial &amp; Engineering Chemistry Research</i> , 2006, 45, 482-486.	3.7	55
9	Photocatalytic degradation of nitrobenzenes with combustion synthesized nano-TiO <sub>2</sub> . <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 178, 1-7.	3.9	87
10	Kinetics of photocatalytic degradation of phenols with multiple substituent groups. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 179, 256-262.	3.9	59
11	Synthesis, Structure, and Photocatalysis in a New Structural Variant of the Aurivillius Phase: $\text{LiBi}_4\text{M}_3\text{O}_{14}$ (M = Nb, Ta). <i>Journal of Physical Chemistry B</i> , 2005, 109, 11442-11449.	2.6	31
12	Kinetics of the photodegradation of substituted phenols by solution combustion synthesized TiO <sub>2</sub> . <i>Applied Catalysis B: Environmental</i> , 2004, 51, 67-76.	20.2	110