

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