

# Mahesh Pattabiraman

## List of Publications by Year in descending order

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24  
papers

858  
citations

567281

15  
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642732

23  
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times ranked

902  
citing authors

#	ARTICLE	IF	CITATIONS
1	Templating Photodimerization of trans-Cinnamic Acids with Cucurbit[8]uril and $\beta$ -Cyclodextrin. <i>Organic Letters</i> , 2005, 7, 529-532.	4.6	159
2	Template directed photodimerization of trans-1,2-bis(n-pyridyl)ethylenes and stilbazoles in water. <i>Chemical Communications</i> , 2005, , 4542.	4.1	143
3	Preorientation of Olefins toward a Single Photodimer: $\beta$ -Cucurbituril-Mediated Photodimerization of Protonated Azastilbenes in Water. <i>Langmuir</i> , 2007, 23, 7545-7554.	3.5	97
4	Regioselective Photodimerization of Cinnamic Acids in Water: $\beta$ Templatation with Cucurbiturils. <i>Langmuir</i> , 2006, 22, 7605-7609.	3.5	79
5	Water-Soluble Dendrimers as Photochemical Reaction Media: $\beta$ Chemical Behavior of Singlet and Triplet Radical Pairs Inside Dendritic Reaction Cavities. <i>Journal of the American Chemical Society</i> , 2004, 126, 8999-9006.	13.7	70
6	Protective Role of Shiitake Mushroom-Derived Exosome-Like Nanoparticles in D-Galactosamine and Lipopolysaccharide-Induced Acute Liver Injury in Mice. <i>Nutrients</i> , 2020, 12, 477.	4.1	66
7	Speciation, formation, stability and analytical challenges of human arsenic metabolites. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 1397.	3.0	39
8	Photoproduct Selectivity in Reactions Involving Singlet and Triplet Excited States within Bile Salt Micelles. <i>Langmuir</i> , 2006, 22, 2185-2192.	3.5	34
9	Supramolecular Control of Singlet Oxygen Generation. <i>Molecules</i> , 2021, 26, 2673.	3.8	23
10	Cucurbiturils as Reaction Containers for Photocycloaddition of Olefins. <i>Israel Journal of Chemistry</i> , 2018, 58, 264-275.	2.3	21
11	Antineoplastic Actions of Cinnamic Acids and Their Dimers in Breast Cancer Cells: A Comparative Study. <i>Anticancer Research</i> , 2018, 38, 4469-4474.	1.1	21
12	$\beta$ -Cyclodextrin mediated photo-heterodimerization between cinnamic acids and coumarins. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 297, 1-7.	3.9	20
13	Regioselective photodimerization of pyridyl-butadienes within cucurbit[8]uril cavities. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 9219.	2.8	18
14	Using non-covalent interactions to direct regioselective 2+2 photocycloaddition within a macrocyclic cavitand. <i>New Journal of Chemistry</i> , 2016, 40, 2433-2443.	2.8	17
15	Ferulic acid dimer as a non-opioid therapeutic for acute pain. <i>Journal of Pain Research</i> , 2018, Volume 11, 1075-1085.	2.0	15
16	Modulation of Reduction Potentials of Bis(pyridinium)alkane Dications through Encapsulation within Cucurbit[7]uril. <i>Journal of Organic Chemistry</i> , 2019, 84, 8759-8765.	3.2	15
17	Novel curcumin analog (cis-trans curcumin) as ligand to adenosine receptors A2A and A2B: potential for therapeutics. <i>Pharmacological Research</i> , 2021, 165, 105410.	7.1	6
18	Photophysicochemical Processes Directed Within Nano-Containers. <i>Structure and Bonding</i> , 2020, , 321-369.	1.0	4

#	ARTICLE	IF	CITATIONS
19	Iodocyclization in Aqueous Media and Supramolecular Reaction Control Using Water-Soluble Hosts. ACS Omega, 2019, 4, 17830-17836.	3.5	3
20	A Sustainable Rural Food-Energy-Water Nexus Framework for the Northern Great Plains. Agricultural and Environmental Letters, 2016, 1, 160008.	1.2	2
21	pH-Induced cucurbit[7]uril hydrogels: Understanding microenvironment of the aggregates through excited state reactivity of dibenzyl ketones. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 324, 53-61.	3.9	2
22	Stereo- and regioselective photocycloaddition of extended alkenes using $\beta$ -cyclodextrin. Organic and Biomolecular Chemistry, 2018, 16, 6870-6875.	2.8	2
23	Dynamics of Apolar Guest Solubilized in Bile Salt Micelles: Photochemistry of Acenaphthylene as a Probe to Understand the Supramolecular Characteristics of the Aggregates. American Journal of Chemistry, 2012, 2, 131-136.	0.5	1
24	Unravelling supramolecular photocycloaddition: Cavitand-mediated reactivity of 3-(Aryl)Acrylic acids. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 425, 113695.	3.9	1