# Mahesh Pattabiraman

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5632563/publications.pdf

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| 24 | 858 | 567281 15 | 642732 23 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 24 | 24 | 24 | 902 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Unravelling supramolecular photocycloaddition: Cavitand-mediated reactivity of 3-(Aryl)Acrylic acids. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 425, 113695. | 3.9 | 1 |
| 2 | Novel curcumin analog (cis-trans curcumin) as ligand to adenosine receptors A2A and A2B: potential for therapeutics. Pharmacological Research, 2021, 165, 105410. | 7.1 | 6 |
| 3 | Supramolecular Control of Singlet Oxygen Generation. Molecules, 2021, 26, 2673. | 3.8 | 23 |
| 4 | Photophysicochemical Processes Directed Within Nano-Containers. Structure and Bonding, 2020, , 321-369. | 1.0 | 4 |
| 5 | Protective Role of Shiitake Mushroom-Derived Exosome-Like Nanoparticles in D-Galactosamine and Lipopolysaccharide-Induced Acute Liver Injury in Mice. Nutrients, 2020, 12, 477. | 4.1 | 66 |
| 6 | Modulation of Reduction Potentials of Bis(pyridinium)alkane Dications through Encapsulation within Cucurbit[7]uril. Journal of Organic Chemistry, 2019, 84, 8759-8765. | 3.2 | 15 |
| 7 | Iodocyclization in Aqueous Media and Supramolecular Reaction Control Using Water-Soluble Hosts. ACS Omega, 2019, 4, 17830-17836. | 3.5 | 3 |
| 8 | Cucurbiturils as Reaction Containers for Photocycloaddition of Olefins. Israel Journal of Chemistry, 2018, 58, 264-275. | 2.3 | 21 |
| 9 | Stereo- and regioselective photocycloaddition of extended alkenes using Î³-cyclodextrin. Organic and Biomolecular Chemistry, 2018, 16, 6870-6875. | 2.8 | 2 |
| 10 | Antineoplastic Actions of Cinnamic Acids and Their Dimers in Breast Cancer Cells: A Comparative Study. Anticancer Research, 2018, 38, 4469-4474. | 1.1 | 21 |
| 11 | Ferulic acid dimer as a non-opioid therapeutic for acute pain. Journal of Pain Research, 2018, Volume 11, 1075-1085. | 2.0 | 15 |
| 12 | A Sustainable Rural Foodâ€“Energyâ€“Water Nexus Framework for the Northern Great Plains. Agricultural and Environmental Letters, 2016, 1, 160008. | 1.2 | 2 |
| 13 | 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 |
| 14 | Using non-covalent interactions to direct regioselective 2+2 photocycloaddition within a macrocyclic cavitand. New Journal of Chemistry, 2016, 40, 2433-2443. | 2.8 | 17 |
| 15 | Î³-Cyclodextrin mediated photo-heterodimerization between cinnamic acids and coumarins. Journal of Photochemistry and Photobiology A: Chemistry, 2015, 297, 1-7. | 3.9 | 20 |
| 16 | Regioselective photodimerization of pyridyl-butadienes within cucurbit[8]uril cavities. Organic and Biomolecular Chemistry, 2012, 10, 9219. | 2.8 | 18 |
| 17 | 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 |
| 18 | Speciation, formation, stability and analytical challenges of human arsenic metabolites. Journal of Analytical Atomic Spectrometry, 2009, 24, 1397. | 3.0 | 39 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Preorientation of Olefins toward a Single Photodimer:â€‰ Cucurbituril-Mediated Photodimerization of Protonated Azastilbenes in Water. Langmuir, 2007, 23, 7545-7554. | 3.5 | 97 |
| 20 | Regioselective Photodimerization of Cinnamic Acids in Water:Â Templation with Cucurbiturils. Langmuir, 2006, 22, 7605-7609. | 3.5 | 79 |
| 21 | Photoproduct Selectivity in Reactions Involving Singlet and Triplet Excited States within Bile Salt Micelles. Langmuir, 2006, 22, 2185-2192. | 3.5 | 34 |
| 22 | Templating Photodimerization oftrans-Cinnamic Acids with Cucurbit[8]uril and Î³-Cyclodextrin. Organic Letters, 2005, 7, 529-532. | 4.6 | 159 |
| 23 | Template directed photodimerization of trans-1,2-bis(n-pyridyl)ethylenes and stilbazoles in water. Chemical Communications, 2005, , 4542. | 4.1 | 143 |
| 24 | Water-Soluble Dendrimers as Photochemical Reaction Media:Â Chemical Behavior of Singlet and Triplet Radical Pairs Inside Dendritic Reaction Cavities. Journal of the American Chemical Society, 2004, 126, 8999-9006. | 13.7 | 70 |