

Rajeev S Muthyala

List of Publications by Year in descending order

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20
papers

941
citations

623734

14
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

1154
citing authors

#	ARTICLE	IF	CITATIONS
1	Testing the Vibrational Theory of Olfaction: A Bio-organic Chemistry Laboratory Experiment Using Hooke's Law and Chirality. <i>Journal of Chemical Education</i> , 2017, 94, 1352-1356.	2.3	4
2	On the origin of chloride-induced emission enhancement in ortho substituted squaramides. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 344, 108-113.	3.9	9
3	Does Space Matter? Impact of Classroom Space on Student Learning in an Organic-First Curriculum. <i>Journal of Chemical Education</i> , 2013, 90, 45-50.	2.3	26
4	Chloride sensing via suppression of excited state intramolecular proton transfer in squaramides. <i>Chemical Communications</i> , 2013, 49, 1633.	4.1	29
5	Carbonyl Groups as Molecular Valves to Regulate Chloride Binding to Squaramides. <i>Organic Letters</i> , 2008, 10, 3315-3318.	4.6	50
6	Copper-Mediated Synthesis of Tertiary Diaryl Squaramides. <i>Journal of Organic Chemistry</i> , 2007, 72, 3976-3979.	3.2	10
7	Exploration of the Bicyclo[3.3.1]nonane System as a Template for the Development of New Ligands for the Estrogen Receptor. <i>ChemInform</i> , 2004, 35, no.	0.0	0
8	Equol, a natural estrogenic metabolite from soy isoflavones. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 1559-1567.	3.0	377
9	The Use of Squaric Acid as a Scaffold for Cofacial Phenyl Rings. <i>Organic Letters</i> , 2004, 6, 4663-4665.	4.6	19
10	Exploration of the bicyclo[3.3.1]nonane system as a template for the development of new ligands for the estrogen receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 4485-4488.	2.2	35
11	Orbital Control of the Color and Excited State Properties of Formylated and Fluorinated Derivatives of Azulene. <i>Journal of Physical Chemistry A</i> , 2003, 107, 3295-3299.	2.5	94
12	Bridged Bicyclic Cores Containing a 1,1-Diarylethylene Motif Are High-Affinity Subtype-Selective Ligands for the Estrogen Receptor. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 1589-1602.	6.4	89
13	The Nature of the Delocalized Cations in Azulenic Bacteriorhodopsin Analogs. <i>Photochemistry and Photobiology</i> , 2001, 74, 837-845.	2.5	3
14	The Nature of the Delocalized Cations in Azulenic Bacteriorhodopsin Analogs. <i>Photochemistry and Photobiology</i> , 2001, 74, 837.	2.5	18
15	Correlation of Substituent Effects and Energy Levels of the Two Lowest Excited States of the Azulenic Chromophore. <i>Organic Letters</i> , 2000, 2, 269-271.	4.6	51
16	Probing for the Threshold Energy for Visual Transduction: Red-Shifted Visual Pigment Analogs from 3-Methoxy-3-Dehydroretinal and Related Compounds. <i>Photochemistry and Photobiology</i> , 1999, 70, 111-115.	2.5	15
17	Control of the Photophysical Properties of Polyatomic Molecules by Substitution and Solvation: The Second Excited Singlet State of Azulene. <i>Journal of Physical Chemistry A</i> , 1999, 103, 2524-2531.	2.5	66
18	Synthesis of fluorinated azulenes. <i>Journal of Fluorine Chemistry</i> , 1998, 89, 173-175.	1.7	21

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19	Alkylated Azulenic Retinal and Bacteriorhodopsin Analogs. Tetrahedron Letters, 1998, 39, 5-8.	1.4	18
20	Photoactivities of the Red-Shifted Azulenic Bacteriorhodopsin Analogues. Journal of Physical Chemistry A, 1998, 102, 5481-5483.	2.5	7