

# Dasan M Thamattoor

## List of Publications by Year in descending order

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26  
papers

243  
citations

933447

10  
h-index

1058476

14  
g-index

27  
all docs

27  
docs citations

27  
times ranked

197  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Benzyliidenecarbene-Phenylacetylene Rearrangement: An Experimental and Computational Study. <i>Journal of the American Chemical Society</i> , 2012, 134, 20037-20040.	13.7	25
2	Experimental and Theoretical Study of the 2-Alkoxyethylidene Rearrangement. <i>Journal of Organic Chemistry</i> , 2011, 76, 1584-1591.	3.2	21
3	An Experimental and Computational Investigation of ( $\pm$ -Methylbenzylidene)carbene. <i>Journal of Organic Chemistry</i> , 2016, 81, 8194-8198.	3.2	19
4	Photochemical Generation of Strained Cycloalkynes from Methylene-cyclopropanes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4499-4501.	13.8	19
5	Experimental and Theoretical Investigations of Ring-Expansion in 1-Methylcyclopropylcarbene. <i>Journal of Organic Chemistry</i> , 1999, 64, 5886-5895.	3.2	16
6	Rearrangement Pathways of 2-Hydroxy-2-methylpropylidene: An Experimental and Computational Study. <i>Journal of Organic Chemistry</i> , 2002, 67, 3257-3265.	3.2	14
7	Crystal Structure of a Cyclotetramer from a Strained Cyclic Allene. <i>Organic Letters</i> , 2009, 11, 5095-5097.	4.6	13
8	Photochemical generation and trapping of 3-oxacyclohexyne. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8270-8275.	2.8	13
9	A search for dichlorocarbene ether solvent interactions. <i>Tetrahedron Letters</i> , 2004, 45, 485-486.	1.4	12
10	Wittig Reaction Using a Stabilized Phosphorus Ylid: An Efficient and Stereoselective Synthesis of Ethyl trans-Cinnamate. <i>Journal of Chemical Education</i> , 2004, 81, 1355.	2.3	11
11	Concomitant conformational dimorphism in 1,2-bis(9-anthryl)acetylene. <i>CrystEngComm</i> , 2015, 17, 4877-4882.	2.6	10
12	Experimental and Computational Mechanistic Investigation of Chlorocarbene Additions to Bridgehead Carbene-Anti-Bredt Systems: Noradamantylcarbene-Adamantene and Adamantylcarbene-Homoadamantene. <i>Journal of Organic Chemistry</i> , 2015, 80, 5049-5065.	3.2	10
13	Direct Observation of an Alkylidenecarbene by Ultrafast Transient Absorption Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6852-6855.	2.5	10
14	Detection of Ylide Formation between an Alkylidenecarbene and Acetonitrile by Femtosecond Transient Absorption Spectroscopy. <i>Journal of the American Chemical Society</i> , 2021, 143, 17090-17096.	13.7	10
15	Photochemistry of 1-(propan-2-ylidene)-1a,9b-dihydro-1H-cyclopropa[1]phenanthrene. <i>Tetrahedron Letters</i> , 2015, 56, 6751-6753.	1.4	9
16	Synthetic Entry to the 2-Azatricyclo[4.3.2.0 <sup>4,9</sup> ]undecane Ring System via Tropone. <i>Journal of Organic Chemistry</i> , 2020, 85, 2202-2212.	3.2	6
17	Diastereoselective Synthesis of a Strawberry Flavoring Agent by Epoxidation of Ethyl trans-beta-Methylcinnamate. <i>Journal of Chemical Education</i> , 2002, 79, 96.	2.3	4
18	Through-Space Shielding Effects of Metal-Complexed Phenyl Rings. <i>Journal of Organic Chemistry</i> , 2016, 81, 10791-10801.	3.2	4

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19	Photochemical Generation of Strained Cycloalkynes from Methylene-cyclopropanes. <i>Angewandte Chemie</i> , 2017, 129, 4570-4572.	2.0	4
20	Stereochemistry of Dichlorocarbene Addition to Alkenes: A Collaborative, Discovery-Based Experiment for the Organic Chemistry Laboratory. <i>Journal of Chemical Education</i> , 2019, 96, 1727-1730.	2.3	3
21	Ring Expansion of Alkylidene-carbenes Derived from Lactams, Lactones, and Thiolactones into Strained Heterocyclic Alkynes: A Theoretical Study. <i>Molecules</i> , 2019, 24, 593.	3.8	3
22	Double trap: A single product from the THF-initiated interception of a cyclopropylidene(oid) and its rearranged strained cyclic allene. <i>Journal of Molecular Structure</i> , 2018, 1172, 108-112.	3.6	2
23	Polymorphism in 9-[(9 <i>H</i> -Fluoren-9-ylidene)methyl]phenanthrene. <i>Crystal Growth and Design</i> , 0, , .	3.0	2
24	Syntheses and X-Ray Crystal Structures of Cassiferaldehyde and Analogs. <i>Synthetic Communications</i> , 2012, 42, 292-298.	2.1	1
25	Diels-Alder Reactions of $\beta$ -Hydroxybutenolides: Approach to the Himbacine Tricyclic Core. <i>Synthesis</i> , 2016, 48, 924-934.	2.3	1
26	Crystal structure of 4,5-dibromophenanthrene. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 539-542.	0.5	1