

# Preethanuj Preethalayam

## List of Publications by Year in descending order

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14  
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#	ARTICLE	IF	CITATIONS
1	Diazanorbornene: A Valuable Synthone towards Carbocycles and Heterocycles. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 6588-6613.	2.4	6
2	Calix[4]arene Based Redox Sensitive Molecular Probe for SERS Guided Recognition of Labile Iron Pool in Tumor Cells. <i>Analytical Chemistry</i> , 2018, 90, 7148-7153.	6.5	21
3	Sequential Tandem Transformations of Functionalized Diazanorbornenes: Facile Strategy towards Pentacyclic Frameworks with Multiple Stereocenters. <i>Synthesis</i> , 2017, 49, 1816-1833.	2.3	3
4	Recent Advances in the Chemistry of Pentafulvenes. <i>Chemical Reviews</i> , 2017, 117, 3930-3989.	47.7	116
5	Generation of $\mu_2$ -difluorinated Metal-Pentadienyl Species through Lanthanide-Mediated $C\equiv F$ Activation. <i>Chemistry - A European Journal</i> , 2017, 23, 16460-16465.	3.3	21
6	Lewis Acid Promoted Regioselective Double Hydro(hetero)arylation of 6,6-Dialkyl-Substituted Pentafulvenes: A Facile Approach to Bisindole Derivatives. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4469-4474.	2.4	1
7	Lewis Acid Catalyzed Regioselective Hydroheteroarylation of Pentafulvenes. <i>Organic Letters</i> , 2016, 18, 964-967.	4.6	11
8	Titanium and Zirconium Hydride-Catalyzed Regioselective Isomerization of 1,4-Dihydrofulvenes: Access to 1-Substituted 1,2-Dihydrofulvenes. <i>Organic Letters</i> , 2015, 17, 6202-6205.	4.6	7
9	Lewis acid catalyzed C-3 alkylidenecyclopentenylations of indoles: an easy access to functionalized indoles and bisindoles. <i>RSC Advances</i> , 2015, 5, 38075-38084.	3.6	6
10	Bis-Functionalization of 1,3-Dienes through 1,4-Conjugate Addition of Amphiphilic Bis- $\beta$ -Allyl and Related Palladium Intermediates. <i>Synlett</i> , 2014, 25, 359-364.	1.8	2
11	Trapping the Lewis acid generated transient species from pentafulvene derived diazanorbornenes with ortho-functionalized aryl iodides and aliphatic alcohols. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3045-3061.	2.8	11
12	Palladium-Catalyzed Skeletal Rearrangement of Spirotricyclic Olefins: A Facile One-Pot Strategy for the Synthesis of a Novel Motif with Cyclopentene Fused to Benzofuran and Pyrazolidine. <i>Chemistry - A European Journal</i> , 2013, 19, 10473-10477.	3.3	22
13	Rhodium(III)-catalyzed ring-opening of strained olefins through $C\equiv H$ activation of O-acetyl ketoximes: an efficient synthesis of trans-functionalized cyclopentenes and spiro[2.4]heptenes. <i>Tetrahedron Letters</i> , 2013, 54, 7127-7131.	1.4	12
14	Palladium/Lewis Acid Mediated Domino Reaction of Pentafulvene Derived Diazabicyclic Olefins: Efficient Access to Spiropentacyclic Motif with an Indoline and Pyrazolidine Fused to Cyclopentene. <i>Organic Letters</i> , 2013, 15, 3338-3341.	4.6	24