

Radhakrishnan Kokkuvayil Vasu

List of Publications by Year in descending order

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113
papers

2,285
citations

236925

25
h-index

289244

40
g-index

119
all docs

119
docs citations

119
times ranked

1623
citing authors

#	ARTICLE	IF	CITATIONS
1	Palladium-Catalyzed Controlled Carbopalladation of Benzyne. <i>Journal of the American Chemical Society</i> , 2000, 122, 7280-7286.	13.7	198
2	Recent Advances in the Chemistry of Pentafulvenes. <i>Chemical Reviews</i> , 2017, 117, 3930-3989.	47.7	116
3	Palladium catalyzed co-trimerization of benzyne with alkynes. A facile method for the synthesis of phenanthrene derivatives. <i>Tetrahedron Letters</i> , 1999, 40, 7533-7535.	1.4	113
4	Palladium-catalyzed reaction of arynes with a bis- η -allyl palladium complex. An efficient method for the synthesis of 1,2-diallylated derivatives of benzene. <i>Tetrahedron Letters</i> , 2000, 41, 729-731.	1.4	64
5	Rhodium catalyzed oxidative coupling of salicylaldehydes with diazabicyclic olefins: a one pot strategy involving aldehyde C-H cleavage and η -allyl chemistry towards the synthesis of fused ring chromanones. <i>Chemical Communications</i> , 2013, 49, 7349.	4.1	56
6	Oxidative addition of 1,3-dicarbonyl compounds to alkenes mediated by cerium(IV) ammonium nitrate and manganese(III) acetate: a comparative study. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1996, , 1487.	0.9	55
7	Palladium Catalyzed Tandem Ring Opening~Ring Closing Reaction of Diazabicyclic Alkenes: A Facile One Pot Strategy for Cyclopentannulation of Heterocycles. <i>Journal of the American Chemical Society</i> , 2009, 131, 5042-5043.	13.7	53
8	Chloroform as a CO surrogate: applications and recent developments. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5212-5222.	2.8	50
9	Iodine assisted modified Suzuki type reaction of bicyclic hydrazines: stereoselective synthesis of functionalized cyclopentenes. <i>Chemical Communications</i> , 2006, , 3510.	4.1	47
10	Unexpected Role of O-2 α -Protecting~Groups of Glycosyl Donors in Mediating Regioselective Glycosidation. <i>Journal of the American Chemical Society</i> , 2002, 124, 3198-3199.	13.7	43
11	Advances in Carbon~Element Bond Construction under Chan~Lam Cross-Coupling Conditions: A Second Decade. <i>Synthesis</i> , 2021, 53, 805-847.	2.3	43
12	Ytterbium(III) trifluoromethanesulfonate for specific activation of <i>n</i> -pentenyl orthoesters in the presence of acid-sensitive functionalities. <i>Tetrahedron Letters</i> , 2002, 43, 6953-6955.	1.4	41
13	1,3-Dipolar cycloaddition reactions of nitrile-N-oxides with <i>o</i> -benzoquinones. <i>Tetrahedron</i> , 1999, 55, 14199-14210.	1.9	38
14	[4+2] Cycloaddition reactions of coumarin quinone methide with pentafulvenes: facile synthesis of novel polycyclic pyran derivatives. <i>Tetrahedron</i> , 2001, 57, 5807-5813.	1.9	38
15	Novel 1,3-dipolar cycloaddition reaction of carbonyl ylide with <i>o</i> -quinones. <i>Tetrahedron Letters</i> , 1998, 39, 5627-5630.	1.4	37
16	Zerumbone, a Cyclic Sesquiterpene from <i>Zingiber zerumbet</i> Induces Apoptosis, Cell Cycle Arrest, and Antimigratory Effects in SW480 Colorectal Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 602-612.	5.2	37
17	One pot/two donors/one diol give one differentiated trisaccharide: powerful evidence for reciprocal donor~acceptor selectivity (RDAS). <i>Chemical Communications</i> , 2002, , 2104-2105.	4.1	35
18	Reciprocal donor acceptor selectivity (RDAS): A new concept for "matching" donors with acceptors. <i>Canadian Journal of Chemistry</i> , 2002, 80, 1075-1087.	1.1	34

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19	Studies on the synthetic utility of [6+3] cycloaddition of pentafulvenes with 3-oxidopyrylium betaines: efficient synthesis of fused ring cyclooctanoids. <i>Tetrahedron</i> , 2006, 62, 12345-12350.	1.9	33
20	Studies on Î±-glucosidase, aldose reductase and glycation inhibitory properties of sesquiterpenes and flavonoids of <i>Zingiber zerumbet</i> Smith. <i>Natural Product Research</i> , 2015, 29, 947-952.	1.8	33
21	Palladium-Catalyzed Reaction of Bicyclic Hydrazines with Allyl- and Arylstannanes in Ionic Liquid [bmim]PF ₆ : A Facile Method for the Synthesis of Substituted Hydrazinocyclopentene Derivatives. <i>Synlett</i> , 2005, 2005, 2273-2276.	1.8	32
22	Palladium-catalyzed ring opening of azabicyclic olefins with organoindium reagents: a simple, clean, and efficient synthesis of functionalized cyclopentenes. <i>Tetrahedron Letters</i> , 2007, 48, 7225-7227.	1.4	32
23	[6+3] Cycloaddition of fulvenes with 3-oxidopyrylium betaine: a novel methodology for the synthesis of fused cyclooctanoid natural products. <i>Tetrahedron Letters</i> , 2005, 46, 4785-4788.	1.4	29
24	A facile synthesis of 3-allyl-4-hydrazinocyclopentenes by the palladium/Lewis acid mediated ring opening of bicyclic hydrazines with allyltributyltin and allyltrimethylsilane. <i>Tetrahedron</i> , 2006, 62, 3997-4002.	1.9	29
25	Recent Trends in the Synthesis and Mechanistic Implications of Phenanthridines. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 1202-1245.	4.3	27
26	Iodine assisted palladium catalyzed ring opening of bicyclic hydrazines with organoboronic acids: stereoselective synthesis of functionalized cyclopentenes and alkylidene cyclopentenes. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 4010.	2.8	26
27	The Renaissance of Electroorganic Synthesis for the Difunctionalization of Alkenes and Alkynes: A Sustainable Approach. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 2820-2847.	2.7	26
28	Pd-Catalyzed oxidative annulation of enamides with diazabicyclic olefins: rapid access to cyclopentene fused 2-pyrrolines. <i>Chemical Communications</i> , 2017, 53, 1848-1851.	4.1	25
29	[6+3] Cycloaddition of pentafulvenes with 3-oxidopyrylium betaine: a novel methodology toward the synthesis of 5â€“8 fused oxabridged cyclooctanoids. <i>Tetrahedron</i> , 2006, 62, 5952-5961.	1.9	24
30	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
31	Chloroform as a carbon monoxide source in palladium-catalyzed synthesis of 2-amidoimidazo[1,2- <i>a</i>]pyridines. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6430-6437.	2.8	24
32	Cycloaddition reactions of 3-ethoxycarbonyl-2H-cyclohepta[b]furan-2-one with 6,6-dialkyl, cycloalkyl and diaryl pentafulvenes. <i>Tetrahedron</i> , 1997, 53, 15903-15910.	1.9	23
33	Hetero Diels-Alder reaction of o-benzoquinones with tetracyclone: An efficient synthesis of benzodioxinone derivatives. <i>Tetrahedron</i> , 1999, 55, 11017-11026.	1.9	22
34	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
35	Generation of Î¼,Î¼-Difluorinated Metal-Pentadienyl Species through Lanthanide-Mediated Câ€“F Activation. <i>Chemistry - A European Journal</i> , 2017, 23, 16460-16465.	3.3	21
36	An easy access to fused chromanones via rhodium catalyzed oxidative coupling of salicylaldehydes with heterobicyclic olefins. <i>Tetrahedron</i> , 2016, 72, 4007-4015.	1.9	19

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37	Antidiabetic potential of phytochemicals isolated from the stem bark of <i>Myristica fatua</i> Houtt. var. <i>magnifica</i> (Bedd.) Sinclair. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3461-3467.	3.0	19
38	Evidence for Efficient Unpromoted Regioselective Reactions of Vicinal and Non-Vicinal Diols. <i>Australian Journal of Chemistry</i> , 2002, 55, 123.	0.9	18
39	Palladium catalyzed ring opening of azabicyclic olefins with organoindium and gallium reagents: a facile access towards benzylated cyclopentanoids. <i>Tetrahedron</i> , 2010, 66, 1383-1388.	1.9	18
40	Palladium Catalyzed 1,8-Conjugate Addition to Heptafulvene <i>via</i> Bis- η -allyl Palladium Complexes. <i>Organic Letters</i> , 2011, 13, 4984-4987.	4.6	18
41	Exploring the Cytotoxic Effects of the Extracts and Bioactive Triterpenoids from <i>Dillenia indica</i> against Oral Squamous Cell Carcinoma: A Scientific Interpretation and Validation of Indigenous Knowledge. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 834-847.	4.9	18
42	Facile synthesis of alkylidene cyclopentenones via palladium catalyzed ring opening of fulvene derived bicyclic hydrazines. <i>Tetrahedron</i> , 2008, 64, 9689-9697.	1.9	17
43	Synthesis of novel zerumbone derivatives via regioselective palladium catalyzed decarboxylative coupling reaction: a new class of β -glucosidase inhibitors. <i>Tetrahedron Letters</i> , 2014, 55, 665-670.	1.4	17
44	1,3-dipolar cycloaddition of nitrile-N-oxides with 3,5-di- <i>tert</i> -butyl-1,2-benzoquinone: Facile formation of spiro-1,3-dioxazoles. <i>Tetrahedron Letters</i> , 1996, 37, 5623-5626.	1.4	16
45	Isolation and characterization of resveratrol oligomers from the stem bark of <i>Hopea ponga</i> (Dennst.) Mabb. And their antidiabetic effect by modulation of digestive enzymes, protein glycation and glucose uptake in L6 myocytes. <i>Journal of Ethnopharmacology</i> , 2019, 236, 196-204.	4.1	16
46	Diels-Alder reactions of a 6-arenyl fulvene with dienes and dienophiles and related chemistry. <i>Tetrahedron</i> , 1997, 53, 17361-17372.	1.9	15
47	Transition metal catalyzed carboannulation of diazabicyclic alkenes with ambiphilic bifunctional reagents: a facile route towards functionalized indanones and indanols. <i>Tetrahedron</i> , 2011, 67, 4905-4913.	1.9	15
48	Expedient synthesis of N-bridged heterocycles via dipolar cycloaddition of pentafulvenes with 3-oxidopyridinium betaines. <i>Tetrahedron</i> , 2011, 67, 1272-1280.	1.9	15
49	Palladium catalyzed reaction of ortho-functionalized aryl iodides with bicyclic hydrazines: facile route toward heteroannulated cyclopentenones and azabicycles. <i>Tetrahedron</i> , 2013, 69, 152-159.	1.9	15
50	Titanium-Catalyzed Hydroalumination of Conjugated Dienes: Access to Fulvene-Derived Allylaluminum Reagents and Their Diastereoselective Reactions with Carbonyl Compounds. <i>Chemistry - A European Journal</i> , 2014, 20, 5433-5438.	3.3	15
51	Rhodium(III) catalyzed synthesis of isoquinolone fused azabicycles through C-H activation of N-pivaloxy benzamides. <i>Tetrahedron Letters</i> , 2014, 55, 916-920.	1.4	15
52	Ionic Liquid [bmim]PF ₆ -Mediated Synthesis of 1,2-Orthoesters of Carbohydrates and the Glycosidation Reactions of 4-Pentenyl Orthoesters. <i>Bulletin of the Chemical Society of Japan</i> , 2007, 80, 553-560.	3.2	13
53	Cycloaddition profile of pentafulvenes with 3-oxidopyrylium betaine: experimental and theoretical investigations. <i>Tetrahedron</i> , 2013, 69, 9751-9760.	1.9	13
54	Mild rhodium(I) catalyzed ring opening of cyclopropane appended spirotricyclic olefins through C-H activation of arylboronic acids. <i>RSC Advances</i> , 2013, 3, 19933.	3.6	13

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55	Novel glycoconjugated squaraine dyes for selective optical imaging of cancer cells. <i>Chemical Communications</i> , 2017, 53, 5433-5436.	4.1	13
56	Effects of a new synthetic zerumbone pendant derivative (ZPD) on apoptosis induction and anti-migratory effects in human cervical cancer cells. <i>Chemico-Biological Interactions</i> , 2017, 278, 32-39.	4.0	13
57	Accessing highly functionalized cyclopentanoids via a cascade palladation approach: unprecedented benzylic C-H activation towards cyclopentenoindanes. <i>Chemical Communications</i> , 2018, 54, 2982-2985.	4.1	13
58	A Simple and Efficient Strategy Towards Eleven-Membered Carbocycles via Novel Synthetic Transformations of Pentafulvenes. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5847-5851.	2.4	12
59	Palladium-Catalyzed Bis-Functionalization of Isatylidenes: A Facile Route towards Spiro-Indolones. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5489-5497.	2.4	12
60	Rhodium(III)-catalyzed ring-opening of strained olefins through C-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
61	Ruthenium catalyzed desymmetrization of diazabicyclic olefins to access heteroaryl substituted cyclopentenes through C-H activation of phenylazoles. <i>Tetrahedron Letters</i> , 2014, 55, 865-868.	1.4	12
62	Comparison of antidiabetic potential of (+) and (–)-hopeaphenol, a pair of enantiomers isolated from <i>Ampelocissus indica</i> (L.) and <i>Vateria indica</i> Linn., with respect to inhibition of digestive enzymes and induction of glucose uptake in L6 myotubes. <i>RSC Advances</i> , 2016, 6, 77075-77082.	3.6	12
63	Metal-Free trans-Aziridination of Zerumbone: Synthesis and Biological Evaluation of Aziridine Derivatives of Zerumbone. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3072-3077.	2.4	12
64	Synthesis, Characterization and Reactivity of Formal 20 Electron Zirconocene-Pentafulvene Complexes. <i>Organometallics</i> , 2017, 36, 2004-2013.	2.3	12
65	Rhodium(III)-Catalyzed C-H Activation of O-Acetyl Ketoximes/N-Methoxybenzamides toward the Synthesis of Isoquinoline/Isoquinolone-Fused Bicycles. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1561-1565.	2.7	12
66	Dihydro-agarofuran sesquiterpenoids from the seeds of <i>Celastrus paniculatus</i> Willd. and their β -glucosidase inhibitory activity. <i>Phytochemistry Letters</i> , 2018, 26, 1-8.	1.2	12
67	DMF As a Formate Anion Equivalent: Formolysis of Tosylates in Aqueous DMF. <i>Synthetic Communications</i> , 1996, 26, 1031-1039.	2.1	11
68	Interplay of dual reactivity in the reaction of pentafulvenes with 1,2,4-triazoline-3,5-diones: experimental and theoretical investigations. <i>New Journal of Chemistry</i> , 2007, 31, 237-246.	2.8	11
69	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
70	Lewis Acid Catalyzed Regioselective Hydroheteroarylation of Pentafulvenes. <i>Organic Letters</i> , 2016, 18, 964-967.	4.6	11
71	Novel heterocyclic construction via dipolar cycloadditions to 1,2-dicarbonyl compounds. <i>Journal of Heterocyclic Chemistry</i> , 2000, 37, 659-668.	2.6	10
72	An exclusive approach to 3,4-disubstituted cyclopentenes and alkylidene cyclopentenes via the palladium catalyzed ring opening of azabicyclic olefins with aryl halides. <i>RSC Advances</i> , 2013, 3, 7751.	3.6	10

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73	Anti-inflammatory effect and mechanism of action of ellagic acid-3,3,4-trimethoxy-4-O- β -L-rhamnopyranoside isolated from <i>Hopea parviflora</i> in lipopolysaccharide-stimulated RAW 264.7 macrophages. <i>Natural Product Research</i> , 2021, 35, 3156-3160.	1.8	10
74	Pentafulvene-derived β -allyltitanocenes as intermediates for the stereoselective functionalization of 5-membered carbocycles. <i>Chemical Communications</i> , 2013, 49, 4549.	4.1	9
75	Lewis acid catalyzed Povarov reaction of pentafulvenes and spiro[2,4]-hepta-[4,6]-diene: An efficient access to cyclopentene fused quinolines. <i>Synthetic Communications</i> , 2018, 48, 816-829.	2.1	9
76	Putative Biomimetic Route to 8-Oxabicyclo[3.2.1]octane Motif from a Humulene Sesquiterpenoid Zerumbone. <i>Organic Letters</i> , 2020, 22, 6409-6413.	4.6	9
77	Cudraflavone C from <i>Artocarpus hirsutus</i> as a Promising Inhibitor of Pathogenic, Multidrug-Resistant <i>S. aureus</i> , Persisters, and Biofilms: A New Insight into a Rational Explanation of Traditional Wisdom. <i>Journal of Natural Products</i> , 2021, 84, 2700-2708.	3.0	9
78	Lewis Acid-Catalyzed Activation of Zerumbone towards Sesquiterpenoid Derivatives: Sustainable Utilization of Abundant Natural Resources for the Synthesis of Chemically Diverse Architectures. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 471-476.	2.7	8
79	A protoberberine alkaloid based ratiometric pH-responsive probe for the detection of diabetic ketoacidosis. <i>Dyes and Pigments</i> , 2021, 194, 109636.	3.7	8
80	Chemoselective 1,3-Dipolar Cycloaddition Reactions of Rhodium(II)-Generated Isomeric α -naphthones with 1,4-Quinones: Synthesis of Novel Azapolycycles. <i>Synthesis</i> , 2003, 2003, 1559-1564.	2.3	7
81	Synthesis and biological evaluation of carbohydrate appended hydrazinocyclopentenes with potent glycation and α -glucosidase inhibition activities. <i>Tetrahedron Letters</i> , 2013, 54, 5682-5685.	1.4	7
82	Rhodium(III)-Catalyzed C-H Activation of Phenylazoles toward C-N Bond Cleavage of Diazabicyclic Olefins: A Facile Access to Mono- and Biscyclopentenyl-Functionalized Aza-Heteroaromatics. <i>Synlett</i> , 2014, 25, 275-279.	1.8	7
83	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
84	Guanidinium rich dendron-appended hydnocarpin exhibits superior anti-neoplastic effects through caspase mediated apoptosis. <i>RSC Advances</i> , 2016, 6, 52772-52780.	3.6	7
85	Synthesis and in vitro evaluation of zerumbone pendant derivatives: potent candidates for anti-diabetic and anti-proliferative activities. <i>New Journal of Chemistry</i> , 2017, 41, 6960-6964.	2.8	7
86	Lewis acid catalyzed C-3 alkylidenecyclopentenylolation of indoles: an easy access to functionalized indoles and bisindoles. <i>RSC Advances</i> , 2015, 5, 38075-38084.	3.6	6
87	Transition metal free intramolecular approach for the synthesis of cyclopenta[b]chromene derivatives from phenol substituted fulvene derived azabicyclic olefins. <i>Tetrahedron Letters</i> , 2016, 57, 2965-2968.	1.4	6
88	Diazanorbornene: A Valuable Synthone towards Carbocycles and Heterocycles. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 6588-6613.	2.4	6
89	1,3-Dipolar Cycloaddition Reactions of o-Benzoquinones: an Overview. <i>Research on Chemical Intermediates</i> , 1999, 25, 877-886.	2.7	5
90	Synthesis of Functionalized Indanes via Palladium-Catalyzed Carboannulation of Diazabicyclic Olefins with o-Iodostyrenes. <i>Synthesis</i> , 2013, 45, 2583-2592.	2.3	5

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91	Transition-Metal-Catalyzed Regio- and Diastereoselective 1,4-Conjugate Addition of Zerumbone Using Boronic Acids: A Simple Route toward Novel Zerumbone Derivatives. <i>Synthesis</i> , 2013, 45, 2316-2322.	2.3	5
92	Palladium-Catalyzed Interceptive Decarboxylative Addition of Allyl Carbonates with Carbonyl Group. <i>Synlett</i> , 2014, 25, 1246-1252.	1.8	5
93	Palladium-Catalyzed Ring Opening of Cyclopropane-Appended Spirotricyclic Olefins with Soft Nucleophiles and Organoboronic Acids: Facile Synthesis of Functionalized Spiro[2.4]heptenes. <i>Synthesis</i> , 2014, 46, 2629-2643.	2.3	5
94	Palladium-Catalyzed Cross-Coupling of Aryl Iodides with Heterobicyclic Olefins: Access to Hydroarylated and Heteroannulated Motifs. <i>ChemistrySelect</i> , 2017, 2, 5913-5916.	1.5	5
95	Tandem Photoisomerization and Transannular Cyclizations of Zerumbone Epoxide: A Model for Diversity-Oriented Synthesis Using Abundant Natural Products. <i>Organic Letters</i> , 2021, 23, 5871-5875.	4.6	5
96	Review Electrochemical Strategies for Selective Fluorination of Organic Compounds. <i>Journal of the Electrochemical Society</i> , 2021, 168, 075503.	2.9	5
97	Enzyme based bioelectrocatalysis over laccase immobilized poly-thiophene supported carbon fiber paper for the oxidation of D-ribofuranose to D-ribonolactone. <i>Molecular Catalysis</i> , 2022, 524, 112314.	2.0	5
98	Ruthenium/Iridium-Catalyzed C-2 Activation of Indoles with Bicyclic Olefins: An Easy Access to Functionalized Heterocyclic Motifs. <i>Synlett</i> , 2017, 28, 572-576.	1.8	4
99	Accessing Polycyclic Terpenoids from Zerumbone via Lewis Acid Catalyzed Synthetic Strategies. <i>Synthesis</i> , 2020, 52, 2045-2064.	2.3	4
100	Promalabaricone B from <i>Myristica fatua</i> Houtt. seeds demonstrate antidiabetic potential by modulating glucose uptake via the upregulation of AMPK in L6 myotubes. <i>Natural Product Research</i> , 2021, 35, 867-872.	1.8	4
101	Antiproliferative labdane diterpenes from the rhizomes of <i>Hedychium flavescens</i> Carey ex Roscoe. <i>Chemical Biology and Drug Design</i> , 2021, 98, 501-506.	3.2	4
102	Organic Brønsted acid-catalyzed cycloadditions of o-quinone methides with 1,3-dicarbonyls: Facile access to xanthenones and chromanones. <i>Journal of Heterocyclic Chemistry</i> , 2021, 58, 1971.	2.6	4
103	Rhodium(III)-Catalyzed C-H Activation/Alkylation of Diazabicyclic Olefins with Aryl Ketones: Facile Synthesis of Functionalized Cyclopentenes. <i>Synlett</i> , 2018, 29, 2023-2026.	1.8	3
104	Novel Flavonoids from the aerial parts of Unexplored and Endangered Wild nutmeg Species <i>Myristica beddomei</i> subsp. <i>sphaerocarpa</i> W.J. de Wilde. <i>Phytochemistry Letters</i> , 2021, 45, 72-76.	1.2	3
105	Stereocontrolled Synthesis of Novel Spirocyclic Oxa-Bridged Cyclooctanoids through Sequential Transformations of Pentafulvenes. <i>Synthesis</i> , 2008, 2008, 2134-2140.	2.3	2
106	Periselectivity in the Cycloaddition Reactions of Pentafulvenes with 3-Oxidopyrylium Betaines: Effect of Substituent on the C-6 Carbon. <i>Synthesis</i> , 2008, 2008, 1955-1959.	2.3	2
107	Bis-Functionalization of 1,3-Dienes through 1,4-Conjugate Addition of Amphiphilic Bis- η -Allyl and Related Palladium Intermediates. <i>Synlett</i> , 2014, 25, 359-364.	1.8	2
108	Trapping the η -Allylpalladium Intermediate from Fulvene-Derived Azabicyclic Olefin with Soft Nucleophiles. <i>Synthesis</i> , 2010, 2010, 3649-3656.	2.3	1

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109	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
110	A Facile Access to trans-3-Styryl-4-hydrazinocyclopentenes via Palladium-Catalyzed Ring Opening of Diazanorbornenes with (Z)- <i>i</i> -2-Bromostyrenes/2,3-Dibromohydrocinnamic Acids. <i>Synthesis</i> , 2018, 50, 184-192.	2.3	1
111	Phytoconstituents assessment and development of standardization protocol for "Nayopayam Kwatha" TM , a polyherbal Ayurvedic formulation. <i>Journal of Ayurveda and Integrative Medicine</i> , 2021, 12, 489-499.	1.7	1
112	Mirabijalones S-W, rotenoids from rhizomes of white <i>Mirabilis jalapa</i> Linn. and their cell proliferative studies. <i>Phytochemistry Letters</i> , 2021, 44, 178-184.	1.2	1
113	Transition Metal/Lewis Acid Catalyzed Reactions of Zerumbone for Diverse Molecular Motifs. <i>Chemical Record</i> , 2021, , .	5.8	1