

Krishna P Kaliappan

List of Publications by Year in descending order

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71
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257450

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Transition-Metal-Mediated Dearomatization Reactions. <i>Chemical Reviews</i> , 2000, 100, 2917-2940.	47.7	671
2	Recent Trends in Copper-Catalyzed C-H Amination Routes to Biologically Important Nitrogen Scaffolds. <i>Chemistry - an Asian Journal</i> , 2016, 11, 168-192.	3.3	109
3	An Expedient Enantioselective Strategy for the Oxatetracyclic Core of Platensimycin. <i>Organic Letters</i> , 2007, 9, 2417-2419.	4.6	81
4	A New Versatile Strategy for C-Aryl Glycosides. <i>Organic Letters</i> , 2007, 9, 1121-1124.	4.6	71
5	Application of an Enyne Metathesis/Diels-Alder Cycloaddition Sequence: A New Versatile Approach to the Syntheses of C-Aryl Glycosides and Spiro-Aryl Glycosides. <i>Chemistry - A European Journal</i> , 2010, 16, 8545-8556.	3.3	62
6	A One-Pot Copper Catalyzed Biomimetic Route to N-Heterocyclic Amides from Methyl Ketones via Oxidative C-C Bond Cleavage. <i>Organic Letters</i> , 2014, 16, 6212-6215.	4.6	62
7	Angucyclinone Antibiotics: Total Syntheses of YM-181741, (+)-Ochromycinone, (+)-Rubiginone B ₂ , (±)-Tetrangomycin, and MM-47755. <i>Journal of Organic Chemistry</i> , 2007, 72, 6116-6126.	3.2	60
8	Discovery and Syntheses of "Superbug Challengers" Platensimycin and Platencin. <i>Chemistry - an Asian Journal</i> , 2010, 5, 668-703.	3.3	57
9	Design and synthesis of novel sugar-oxasteroid-quinone hybrids. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 848.	2.8	52
10	A Versatile Access to Calystegine Analogues as Potential Glycosidases Inhibitors. <i>Journal of Organic Chemistry</i> , 2009, 74, 6266-6274.	3.2	50
11	A Formal Total Synthesis of Palmerolide A. <i>Chemistry - A European Journal</i> , 2010, 16, 5858-5862.	3.3	45
12	A ring-closing metathesis approach to a synthesis of the B ring of eleutherobin. <i>Tetrahedron Letters</i> , 2003, 44, 379-381.	1.4	44
13	Dipolar Cycloaddition of Rhodium-Generated Carbonyl Ylides with p-Quinones. <i>Organic Letters</i> , 2000, 2, 353-355.	4.6	42
14	A facile domino metathetic route to a thapsigargin skeleton. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 3613.	2.8	37
15	Kinugasa Reaction: A Direct One-Pot Route to Highly Functionalized β -Lactams. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 7664-7677.	2.4	37
16	A cascade enyne/ring closing metathesis approach to angularly fused dioxatriquinanes. <i>Chemical Communications</i> , 2004, , 2506.	4.1	32
17	Synthetic Studies on a Marine Natural Product, Palmerolide A: Synthesis of C1-C9 and C15-C21 Fragments. <i>Synlett</i> , 2007, 2007, 1537-1540.	1.8	32
18	Synthesis of a bicyclo[5.3.1]undecene by a facile domino enyne cross-metathesis/IMDA. <i>Tetrahedron Letters</i> , 2006, 47, 981-984.	1.4	31

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19	Cope-House Cyclization Strategy for the Synthesis of Pyrrolizidines: An Expedient Route to 5-epi-Hyacinthacine A3 and 5-epi-Hyacinthacine A5. <i>Synlett</i> , 2008, 2008, 841-844.	1.8	31
20	A flexible and unified strategy for syntheses of cladospolides A, B, C, and iso-cladospolide B. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6988.	2.8	30
21	Efficient metathesis route to the B-ring of eleutherobin and other medium-sized cyclic ethers. <i>Tetrahedron</i> , 2005, 61, 7461-7469.	1.9	29
22	A One-Pot, Copper-Catalyzed Cascade Route to α -Indolyl α -Glycosides. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 595-604.	2.4	27
23	A Shimizu Non-Aldol Approach to the Formal Total Synthesis of Palmerolide A. <i>Chemistry - an Asian Journal</i> , 2011, 6, 3137-3151.	3.3	25
24	An enantioselective total synthesis of Sch-725674. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 234-240.	2.8	25
25	Combinatorial discovery of two-photon photoremovable protecting groups. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 12548-12553.	7.1	24
26	A Stereoselective Synthesis of Sugar-Derived Chiral β -Lactams. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 6117-6127.	2.4	24
27	A Domino Enyne/IMDA Approach to the Core Structure of (α) Vinigrol. <i>Organic Letters</i> , 2014, 16, 5540-5543.	4.6	24
28	A Unified Strategy Towards <i>N</i> -Aryl Heterocycles by a One-Pot Copper-Catalyzed Oxidative C-H Amination of Azoles. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5986-5997.	2.4	24
29	Copper-Catalyzed Cascade Amination Route to <i>N</i> -Aryl Benzimidazoquinazolinones. <i>Journal of Organic Chemistry</i> , 2016, 81, 10424-10432.	3.2	23
30	α -Click Chemistry on Sugar-Derived Alkynes: A Tandem α -Click-Click Approach to Bistriazoles. <i>Synlett</i> , 2009, 2009, 2162-2166.	1.8	22
31	A radical cyclization approach to the formal total syntheses of platencin. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7877.	2.8	22
32	A Stereoselective Route to <i>N</i> -Aryl Glycosides from Arynes and Chiral Nitrones. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5844-5854.	2.4	22
33	Synthesis of a Novel Taxa-Oxa-Sugar Hybrid Core Structure by Tandem Cross-Enyne Metathesis/IMDA. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 2788-2799.	2.4	21
34	A Tandem Enyne/Ring Closing Metathesis Approach to 4-Methylene-2-cyclohexenols: An Efficient Entry to Otteliones and Loloanolides. <i>Organic Letters</i> , 2012, 14, 198-201.	4.6	21
35	An expedient enyne metathesis approach to dysidiolide. <i>Tetrahedron Letters</i> , 2004, 45, 8207-8209.	1.4	20
36	Stereoselective Synthesis of Trifluoromethyl Analogues of Polyhydroxypyrrolidines. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 2692-2698.	2.4	20

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37	A tandem enyne/ring closing metathesis approach to the synthesis of novel angularly fused dioxo-triquinanes. <i>Tetrahedron</i> , 2006, 62, 5064-5073.	1.9	19
38	Serendipitous Synthesis of Pyridoquinazolinones <i>via</i> an Oxidative C-C Bond Cleavage. <i>Journal of Organic Chemistry</i> , 2020, 85, 8102-8110.	3.2	18
39	A Unified Strategy for the Syntheses of Angucyclinone Antibiotics: Total Syntheses of Tetrangulol, Kanglemycin M, and Anhydrolandomycinone. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2250-2259.	2.4	17
40	An Expedient Total Synthesis of (-)-Cladospolide A. <i>Synlett</i> , 2009, 2009, 2441-2444.	1.8	16
41	Transition-Metal-Catalyzed Selective Cyclization Strategy to α -Substituted Benzofurans and Indoles en Route to the Oxa Analogues of Isocryptolepine. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7193-7202.	2.4	16
42	Synthesis of [6,n] cis-fused ring compounds via Cr-mediated dearomatization/ring-closing metathesis. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 342-351.	2.8	14
43	Design and synthesis of novel oxa-bridged isoxazolidines and 1,3-aminoalcohols. <i>Tetrahedron Letters</i> , 2005, 46, 3037-3040.	1.4	13
44	First Enantioselective Total Synthesis of the Angucyclinone-Type Antibiotic YM-181741. <i>Synlett</i> , 2007, 2007, 0977-0979.	1.8	13
45	Efficient Access to Fused Ring Compounds via Dearomatization/Ring-Closing Metathesis. <i>Synlett</i> , 2003, 2003, 2407-2409.	1.8	12
46	A Rapid Access to New Fluorinated 1,3-Dienes and Benzylic Fluorides via Metathesis on Propargylic Fluorides. <i>Synlett</i> , 2008, 2008, 2503-2507.	1.8	10
47	Copper Catalyzed Oxidative C-C Bond Cleavage of 1,2-Diketones: A Divergent Approach to 1,8-Naphthalimides, Biphenyl-2,2'-dicarboxamides, and <i>N</i> -Heterocyclic Amides. <i>Journal of Organic Chemistry</i> , 2019, 84, 2112-2125.	3.2	10
48	Synthetic Utility of Sugar-Derived Cyclic Nitrones: A Diastereoselective Synthesis of Linear 4-Azatriquinanes. <i>Synlett</i> , 2012, 23, 1473-1476.	1.8	9
49	An Efficient Copper-Catalyzed Three-Component Synthesis of 3-C-Linked Glycosyl Iminocoumarins. <i>Synthesis</i> , 2012, 44, 1841-1848.	2.3	9
50	Sequential Enyne-Metathesis/Diels-Alder Strategy: Rapid Access to Sugar-Oxasteroid-Quinone Hybrids. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5055-5065.	2.4	9
51	Transition-Metal-Free Multicomponent Approach to Stereoenriched Cyclopentyl-isoxazoles through C-C Bond Cleavage. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2031-2039.	3.3	9
52	A new and informative [a,b,c,d] nomenclature for one-pot multistep transformations: a simple tool to measure synthetic efficiency. <i>RSC Advances</i> , 2018, 8, 21292-21305.	3.6	8
53	Synthetic studies on taxanes: A domino-ene metathesis/Diels-Alder approach to the AB-ring. <i>Journal of Chemical Sciences</i> , 2008, 120, 205-216.	1.5	7
54	Strategic innovations for the synthesis of vinigrol. <i>Tetrahedron Letters</i> , 2018, 59, 2485-2501.	1.4	7

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55	Total syntheses of rubiginone A2, C2, and fujianmycin A. RSC Advances, 2014, 4, 12716.	3.6	6
56	An iterative Shimizu non-aldol approach for the stereoselective synthesis of C13-C22 fragment of callistatin A. Organic and Biomolecular Chemistry, 2012, 10, 1750.	2.8	5
57	A One-Pot Copper-Catalyzed 3-Fold C-N Bond Coupling Strategy to the Synthesis of Substituted Benzimidazoles. European Journal of Organic Chemistry, 2020, 2020, 6915-6921.	2.4	5
58	Construction of key building blocks towards the synthesis of cortistatins. Organic and Biomolecular Chemistry, 2020, 18, 2432-2446.	2.8	5
59	Recent Advances in Cascade Enyne/RCM in Organic Synthesis. Letters in Organic Chemistry, 2005, 2, 678-686.	0.5	5
60	A Concise Total Synthesis of (+)-Cladospolide D. Synlett, 2012, 23, 2822-2826.	1.8	4
61	Total Synthesis and Stereochemical Assignment of (±)-Zenkequinone B. Synlett, 2012, 23, 2931-2934.	1.8	4
62	A hybrid approach to new molecular scaffolds. Pure and Applied Chemistry, 2013, 85, 1185-1202.	1.9	4
63	Synthetic approaches towards cortistatins: evolution and progress through its ages. Organic and Biomolecular Chemistry, 2020, 18, 3965-3995.	2.8	4
64	Synthesis of C9-C13 and C15-C21 Subunits of Discodermolide. Asian Journal of Organic Chemistry, 2020, 9, 1205-1212.	2.7	4
65	A Serendipitous One-Pot Cyanation/Hydrolysis/Enamide Formation: Direct Access to 3-Methyleneisoindolinones. Chemistry - A European Journal, 2021, 27, 628-633.	3.3	4
66	Synthetic studies on palmerolide C: synthesis of an advanced intermediate towards the revised structure of palmerolide C. Organic and Biomolecular Chemistry, 2020, 18, 5937-5950.	2.8	3
67	Synthesis of the C 1 -C 10 Fragment of Muamvatin. Chemistry - an Asian Journal, 2020, 15, 2208-2211.	3.3	3
68	A One-Pot Deprotection and Intramolecular Oxa-Michael Addition to Access Angular Trioxatriquinanes. Synlett, 2011, 2011, 2580-2584.	1.8	2
69	Recent Developments on Domino Metathesis Reactions in India. Chimia, 2012, 66, 899.	0.6	2
70	An Unprecedented, Lewis Acid-Mediated, Metal-Free Iodoannulation Strategy to Aromatic Iodides. Chemistry - an Asian Journal, 2018, 13, 3676-3680.	3.3	2
71	Synthesis of C 1 -C 9 and C 10 -C 21 Fragments of (±)-Dolabriferol. Asian Journal of Organic Chemistry, 2020, 9, 1045-1052.	2.7	2