

Carl J Lovely

List of Publications by Year in descending order

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77
papers

1,919
citations

201674

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times ranked

1304
citing authors

#	ARTICLE	IF	CITATIONS
1	Silver(I) Scorpionate Mediated Insertion of Carbenes into Aliphatic C-H Bonds. <i>Organometallics</i> , 2004, 23, 1200-1202.	2.3	119
2	Oxidative Rearrangement of Imidazoles with Dimethyldioxirane. <i>Organic Letters</i> , 2004, 6, 735-738.	4.6	83
3	Studies toward the Total Synthesis of Axinellamine and Massadine. <i>Organic Letters</i> , 2007, 9, 3861-3864.	4.6	77
4	Preparation and Diels-Alder Chemistry of 4-Vinylimidazoles. <i>Journal of Organic Chemistry</i> , 2007, 72, 3741-3749.	3.2	70
5	Structure and synthesis of 2-aminoimidazole alkaloids from <i>Leucetta</i> and <i>Clathrina</i> sponges. <i>Natural Product Reports</i> , 2011, 28, 511-528.	10.3	70
6	Synthesis of fused bicyclic imidazoles by ring-closing metathesis. <i>Tetrahedron Letters</i> , 2003, 44, 1379-1382.	1.4	69
7	An approach to the pyrroloquinoline core of martinelline and martinelic acid. <i>Tetrahedron Letters</i> , 1999, 40, 2079-2082.	1.4	62
8	Synthesis and Diels-Alder Reactions of 4-Vinylimidazoles. <i>Organic Letters</i> , 2001, 3, 1319-1322.	4.6	62
9	Total Synthesis of the Putative Structure of Nagelamide D. <i>Organic Letters</i> , 2009, 11, 1535-1538.	4.6	61
10	Intramolecular Diels-Alder Reactions of 4-Vinylimidazoles. <i>Organic Letters</i> , 2003, 5, 3623-3626.	4.6	49
11	An intramolecular azomethine ylide-alkene cycloaddition approach to pyrrolo[3,2-c]quinolines-synthesis of a C2-truncated martinelline model. <i>Tetrahedron</i> , 2001, 57, 4095-4105.	1.9	47
12	A Pauson-Khand Approach to the Hamigerans. <i>Organic Letters</i> , 2007, 9, 4697-4700.	4.6	47
13	Studies toward the total synthesis of the oroidin dimers. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3215.	2.8	42
14	Synthesis of 2-Imidazolones and 2-Iminoimidazoles. <i>Organic Letters</i> , 2011, 13, 5736-5739.	4.6	42
15	A convenient synthesis of 1,4-disubstituted imidazoles. <i>Tetrahedron Letters</i> , 2004, 45, 5529-5532.	1.4	40
16	Synthesis of Bridged Medium-Sized Rings through the Intramolecular Pauson-Khand Reaction. <i>Organic Letters</i> , 2001, 3, 2607-2610.	4.6	38
17	Total synthesis of (±)-martinelic acid. <i>Tetrahedron Letters</i> , 2007, 48, 2607-2610.	1.4	37
18	Asymmetric Total Synthesis of (-)-Cyclooroidin. <i>Organic Letters</i> , 2010, 12, 4940-4943.	4.6	36

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19	Total Synthesis of 7-Desmethylkealiquinone. <i>Organic Letters</i> , 2012, 14, 2274-2277.	4.6	36
20	The Enantiomeric Separation of Tetrahydrobenzimidazoles Cyclodextrins and Cyclofructans. <i>Chirality</i> , 2013, 25, 133-140.	2.6	36
21	Regioselective Synthesis of 1-Benzyl- and 1-Methyl-4-vinylimidazole and Their Reactions with N-Phenylmaleimide. <i>Heterocycles</i> , 2003, 60, 1.	0.7	35
22	An intramolecular cycloaddition approach to pyrrolo[3,2-c]quinolones. <i>Tetrahedron Letters</i> , 2002, 43, 1171-1174.	1.4	33
23	Total Synthesis of (±)-Calcaridine A and (±)-epi-Calcaridine A. <i>Organic Letters</i> , 2008, 10, 5055-5058.	4.6	33
24	Diversity-Oriented Approach to Pyrrole-Imidazole Alkaloid Frameworks. <i>Organic Letters</i> , 2011, 13, 1382-1385.	4.6	31
25	Cyclization reactions of N-acryloyl-2-aminobenzaldehyde derivatives: formal total synthesis of martinellie acid. <i>Tetrahedron</i> , 2006, 62, 8755-8769.	1.9	30
26	Studies towards the Leucetta-Derived Alkaloids Spirocalcaridine A and B – Possible Biosynthetic Implications. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2603-2613.	2.4	30
27	2-(Hydroxyalkyl)estradiols: Synthesis and Biological Evaluation. <i>Journal of Medicinal Chemistry</i> , 1996, 39, 1917-1923.	6.4	28
28	Total syntheses of oroidin, hymenidin and clathrocin. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 4133.	2.8	28
29	Formal total synthesis of (±)-martinellie acid. <i>Tetrahedron Letters</i> , 2005, 46, 1251-1254.	1.4	27
30	Tandem Oxidative Dearomatizing Spirocyclizations of Propargyl Guanidines and Ureas. <i>Organic Letters</i> , 2017, 19, 4110-4113.	4.6	27
31	Concise total synthesis of naamine G and naamidine H. <i>Chemical Communications</i> , 2010, 46, 2148.	4.1	26
32	Expedient total syntheses of preclathridine A and clathridine A. <i>Tetrahedron Letters</i> , 2009, 50, 4998-5000.	1.4	25
33	Total Synthesis of 7-Desmethylkealiquinone, 4-Desmethoxykealiquinone, and 2-Deoxykealiquinone. <i>Journal of Organic Chemistry</i> , 2014, 79, 2481-2490.	3.2	25
34	Total syntheses of naamidine G and 14-methoxynaamidine G. <i>Tetrahedron Letters</i> , 2010, 51, 164-166.	1.4	24
35	Total Syntheses of Kealiinines A-C. <i>Organic Letters</i> , 2012, 14, 6210-6213.	4.6	24
36	Oxidative reactions of tetrahydrobenzimidazole derivatives with N-sulfonyloxaziridines. <i>Tetrahedron Letters</i> , 2007, 48, 5771-5775.	1.4	22

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37	Intramolecular Diels-Alder chemistry of 4-vinylimidazoles. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2685.	2.8	22
38	Palladium-catalyzed substitution reactions of 4-allylimidazole derivatives. <i>Tetrahedron</i> , 2006, 62, 10555-10566.	1.9	21
39	Synthesis of chiral N-aryl pyrrolidinones via a palladium-catalyzed cross-coupling reaction. <i>Tetrahedron Letters</i> , 2001, 42, 7155-7157.	1.4	20
40	Total syntheses and cytotoxicity of kealiquinone, 2-deoxy-2-aminokealiquinone and analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6183-6187.	2.2	20
41	Palladium-catalyzed aryl-amidation. Synthesis of non-racemic N-aryl lactams. <i>Tetrahedron</i> , 2004, 60, 359-365.	1.9	19
42	Preparation and Diels-Alder reactions of 1 ^h -heterosubstituted vinylimidazoles. <i>Tetrahedron Letters</i> , 2015, 56, 3518-3522.	1.4	19
43	Novel thiazolidines: Synthesis, antiproliferative properties and 2D-QSAR studies. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 115047.	3.0	17
44	New Methods of Imidazole Functionalization - From Imidazole to Marine Alkaloids. <i>Synlett</i> , 2006, 2006, 0965-0992.	1.8	14
45	Total synthesis and cytotoxicity of Leucetta alkaloids. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1608-1621.	3.0	14
46	Ring Closing Metathesis Reactions of Imidazole Derivatives. <i>Heterocycles</i> , 2007, 74, 873.	0.7	14
47	Steric buttressing in the Pauson-Khand reactions of aryl enynes. <i>Tetrahedron</i> , 2007, 63, 5019-5029.	1.9	13
48	The enantiomeric separation of 4,5-disubstituted imidazoles by HPLC and CE using cyclodextrin-based chiral selectors. <i>Supramolecular Chemistry</i> , 2010, 22, 758-767.	1.2	13
49	Total syntheses of isonaamine C and isonaamidine E. <i>Tetrahedron Letters</i> , 2011, 52, 5725-5727.	1.4	13
50	Total synthesis of (±)-haploscleridamine. <i>Tetrahedron Letters</i> , 2019, 60, 979-982.	1.4	13
51	Intramolecular Diels-Alder Reaction of a Silyl-Substituted Vinylimidazole en Route to the Fully Substituted Cyclopentane Core of Oroidin Dimers. <i>Organic Letters</i> , 2018, 20, 5964-5968.	4.6	12
52	Dearomatizing spirocyclization reactions of alkynyl cyanamides. <i>Tetrahedron Letters</i> , 2016, 57, 3096-3099.	1.4	11
53	Tandem Thioacylation-Intramolecular Hydrosulfonylation of Propargyl Amines - Rapid Access to 2-Amino-thiazolidines. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1726-1740.	2.4	11
54	Total Synthesis of (±)-2-Debromohymenin via Gold-Catalyzed Intramolecular Alkyne Hydroarylation. <i>Organic Letters</i> , 2020, 22, 3412-3417.	4.6	11

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55	INTRAMOLECULAR PAUSON-KHAND REACTIONS OF AROMATIC ENYNES. <i>Synthetic Communications</i> , 2001, 31, 2479-2490.	2.1	10
56	Total Synthesis of the Nagelamides â€“ Synthetic Studies toward the Reported Structure of Nagelamide D and Nagelamide E Framework. <i>Journal of Organic Chemistry</i> , 2020, 85, 12971-12987.	3.2	8
57	Total Synthesis of the Leucetta-Derived Alkaloid Calcaridine A. <i>Synthesis</i> , 2009, 2009, 2970-2982.	2.3	6
58	Thio acid-mediated conversion of azides to amides â€“ Exploratory studies en route to oroidin alkaloids. <i>Tetrahedron Letters</i> , 2017, 58, 3913-3918.	1.4	6
59	Enantiomeric Separation of New Chiral Azole Compounds. <i>Molecules</i> , 2021, 26, 213.	3.8	6
60	Steric buttressing in the Pauson-Khand reactions of benzyl enynes. <i>Tetrahedron</i> , 2017, 73, 6118-6137.	1.9	5
61	Pyrrole carboxamide introduction in the total synthesis of pyrroleâ€“imidazole alkaloids. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 2603-2621.	2.8	5
62	Dearomatizing spirocyclization of thioureas, ureas and guanidines. <i>Tetrahedron Letters</i> , 2021, 72, 153054.	1.4	4
63	Isolation, Bioactivity, and Synthesis of Nagelamides. <i>Studies in Natural Products Chemistry</i> , 2016, , 341-371.	1.8	3
64	An Approach to the Oxazoline-Containing Fragments of the Oroidin Dimers Nagelamide R and T. <i>Synlett</i> , 2010, 2010, 817-821.	1.8	2
65	Development of a General Approach to the Leucetta-Derived Alkaloids. <i>Strategies and Tactics in Organic Synthesis</i> , 2012, , 199-224.	0.1	2
66	The Leucetta alkaloids: Synthetic aspects. <i>Studies in Natural Products Chemistry</i> , 2019, 63, 43-79.	1.8	2
67	Ene reactions of pre-aromatic heterocycles â€“ Oxazoles. <i>Tetrahedron Letters</i> , 2021, 73, 153134.	1.4	2
68	[1,4-Bis(4-methoxyphenyl)but-3-yn-2-yl](cyano)methylamine. <i>IUCrData</i> , 2018, 3, .	0.3	2
69	Liquid chromatography enantiomeric separation of chiral ethanolamine substituted compounds. <i>Chirality</i> , 2022, , .	2.6	2
70	Thio acid-mediated conversion of azides to amides â€“ Investigation of 2-azidotetrahydrobenzimidazoles and derivatives. <i>Tetrahedron Letters</i> , 2020, 61, 152484.	1.4	1
71	One-Pot Synthesis of Novel 2-Imino-5-Arylidine-Thiazolidine Analogues and Evaluation of Their Anti-Proliferative Activity against MCF7 Breast Cancer Cell Line. <i>Molecules</i> , 2022, 27, 841.	3.8	1
72	Synthesis of Fused Bicyclic Imidazoles by Ring-Closing Metathesis.. <i>ChemInform</i> , 2003, 34, no.	0.0	0

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73	Palladium-Catalyzed Aryl-Amidation. Synthesis of Non-Racemic N-Aryl Lactams.. ChemInform, 2004, 35, no.	0.0	0
74	Oxidative Rearrangement of Imidazoles with Dimethyldioxirane.. ChemInform, 2004, 35, no.	0.0	0
75	A Convenient Synthesis of 1,4-Disubstituted Imidazoles.. ChemInform, 2004, 35, no.	0.0	0
76	Crystal structures of 4-((E)-3-[(imino- λ^5 -azanylidene)amino]prop-1-enyl)-N,N-dimethylimidazole-1-sulfonamide and 2-[(imino- λ^5 -azanylidene)amino]-4-((E)-3-[(imino- λ^5 -azanylidene)amino]prop-1-enyl)-N,N-dimethylimidazole-1-sulfonamide. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 695-699.	0.5	0
77	[4-(4-Methoxyphenyl)-8-oxo-3-(phenylselanyl)spiro[4.5]deca-3,6,9-trien-2-yl]methylcyanamide. IUCrData, 2020, 5, .	0.3	0