

Dennis P Curran

List of Publications by Year in descending order

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303
papers

24,760
citations

5268

83
h-index

10158

140
g-index

376
all docs

376
docs citations

376
times ranked

10250
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalysis of Radical Reactions: A Radical Chemistry Perspective. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 58-102.	13.8	998
2	Radical reactions in natural product synthesis. <i>Chemical Reviews</i> , 1991, 91, 1237-1286.	47.7	937
3	The Design and Application of Free Radical Chain Reactions in Organic Synthesis. Part 1. <i>Synthesis</i> , 1988, 1988, 417-439.	2.3	671
4	The electron is a catalyst. <i>Nature Chemistry</i> , 2014, 6, 765-773.	13.6	572
5	Fluorous Synthesis: A Fluorous-Phase Strategy for Improving Separation Efficiency in Organic Synthesis. <i>Science</i> , 1997, 275, 823-826.	12.6	519
6	Strategy-Level Separations in Organic Synthesis: From Planning to Practice. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1174-1196.	13.8	480
7	Organocatalysis and C-H Activation Meet Radical and Electron Transfer Reactions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5018-5022.	13.8	444
8	Atom transfer cyclization reactions of α -iodo esters, ketones, and malonates: examples of selective 5-exo, 6-endo, 6-exo, and 7-endo ring closures. <i>Journal of Organic Chemistry</i> , 1989, 54, 3140-3157.	3.2	435
9	Tandem Radical Reactions of Carbon Monoxide, Isonitriles, and Other Reagent Equivalents of the Geminal Radical Acceptor/Radical Precursor Synthon. <i>Chemical Reviews</i> , 1996, 96, 177-194.	47.7	427
10	Synthesis and Reactions of N-Heterocyclic Carbene Boranes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10294-10317.	13.8	398
11	Synthetic applications of fluorous solid-phase extraction (F-SPE). <i>Tetrahedron</i> , 2006, 62, 11837-11865.	1.9	327
12	Fluorous Mixture Synthesis: A Fluorous-Tagging Strategy for the Synthesis and Separation of Mixtures of Organic Compounds. <i>Science</i> , 2001, 291, 1766-1769.	12.6	303
13	Fluorous chemistry: from biphasic catalysis to a parallel chemical universe and beyond. <i>Tetrahedron</i> , 2002, 58, 3823-3825.	1.9	286
14	<i>N</i> -Heterocyclic Carbene Boryl Radicals: A New Class of Boron-Centered Radical. <i>Journal of the American Chemical Society</i> , 2009, 131, 11256-11262.	13.7	254
15	Complexes of Borane and N-Heterocyclic Carbenes: A New Class of Radical Hydrogen Atom Donor. <i>Journal of the American Chemical Society</i> , 2008, 130, 10082-10083.	13.7	253
16	Fluorous Reverse Phase Silia Gel. A New Tool for Preparative Separations in Synthetic Organic and Organofluorine Chemistry. <i>Synlett</i> , 2001, 2001, 1488-1496.	1.8	233
17	Atroposelective Thermal Reactions of Axially Twisted Amides and Imides. <i>Journal of the American Chemical Society</i> , 1994, 116, 3131-3132.	13.7	232
18	Switching Enantiofacial Selectivities Using One Chiral Source: A Catalytic Enantioselective Synthesis of the Key Intermediate for (2 <i>S</i>)-Camptothecin Family by (<i>S</i>)-Selective Cyanosilylation of Ketones. <i>Journal of the American Chemical Society</i> , 2001, 123, 9908-9909.	13.7	232

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19	Tris(2-(perfluorohexyl)ethyl)tin Hydride: A New Fluorous Reagent for Use in Traditional Organic Synthesis and Liquid Phase Combinatorial Synthesis. <i>Journal of the American Chemical Society</i> , 1996, 118, 2531-2532.	13.7	211
20	Benzotrifluoride: A Useful Alternative Solvent for Organic Reactions Currently Conducted in Dichloromethane and Related Solvents. <i>Journal of Organic Chemistry</i> , 1997, 62, 450-451.	3.2	210
21	EPR Studies of the Generation, Structure, and Reactivity of N-Heterocyclic Carbene Borane Radicals. <i>Journal of the American Chemical Society</i> , 2010, 132, 2350-2358.	13.7	205
22	Polarity Reversal Catalysis in Radical Reductions of Halides by N-Heterocyclic Carbene Boranes. <i>Journal of the American Chemical Society</i> , 2012, 134, 5669-5674.	13.7	200
23	Effects of temperature on atom transfer cyclization reactions of allylic α -iodo esters and amides. <i>Journal of Organic Chemistry</i> , 1991, 56, 2746-2750.	3.2	194
24	Radical translocation reactions of vinyl radicals: substituent effects on 1,5-hydrogen-transfer reactions. <i>Journal of the American Chemical Society</i> , 1993, 115, 6051-6059.	13.7	193
25	Translocation of radical sites by intramolecular 1,5-hydrogen atom transfer. <i>Journal of the American Chemical Society</i> , 1988, 110, 5900-5902.	13.7	182
26	New 4 + 1 radical annulations. A formal total synthesis of (+)-camptothecin. <i>Journal of the American Chemical Society</i> , 1992, 114, 5863-5864.	13.7	181
27	Atom-transfer addition and annulation reactions of iodomalones. <i>Journal of the American Chemical Society</i> , 1989, 111, 8872-8878.	13.7	174
28	Fluorous Synthesis with Fewer Fluorines (Light Fluorous Synthesis): Separation of Tagged from Untagged Products by Solid-Phase Extraction with Fluorous Reverse-Phase Silica Gel. <i>Journal of the American Chemical Society</i> , 1999, 121, 9069-9072.	13.7	170
29	Rate constants for halogen atom transfer from representative α -halo carbonyl compounds to primary alkyl radicals. <i>Journal of Organic Chemistry</i> , 1989, 54, 1826-1831.	3.2	169
30	Thermal Allylations of Aldehydes with a Fluorous Allylstannane. Separation of Organic and Fluorous Products by Solid Phase Extraction with Fluorous Reverse Phase Silica Gel. <i>Journal of Organic Chemistry</i> , 1997, 62, 6714-6715.	3.2	169
31	4 + 1 Radical annulations with isonitriles: a simple route to cyclopenta-fused quinolines. <i>Journal of the American Chemical Society</i> , 1991, 113, 2127-2132.	13.7	155
32	Tandem radical reactions of isonitriles with 2-pyridonyl and other aryl radicals: Scope and limitations, and a first generation synthesis of (+)-camptothecin. <i>Tetrahedron</i> , 1996, 52, 11385-11404.	1.9	155
33	A General Synthetic Approach to the (20S)-Camptothecin Family of Antitumor Agents by a Regiocontrolled Cascade Radical Cyclization of Aryl Isonitriles. <i>Chemistry - A European Journal</i> , 1998, 4, 67-83.	3.3	152
34	The Novel Silatecan 7-tert-Butyldimethylsilyl-10-hydroxycamptothecin Displays High Lipophilicity, Improved Human Blood Stability, and Potent Anticancer Activity. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 3970-3980.	6.4	147
35	Synthesis, Reaction, and Recycle of Light Fluorous Grubbs-Hoveyda Catalysts for Alkene Metathesis. <i>Journal of Organic Chemistry</i> , 2005, 70, 1636-1642.	3.2	147
36	Generation and Reactions of an Unsubstituted N-Heterocyclic Carbene Boryl Anion. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9166-9169.	13.8	147

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37	Stille Couplings with Fluorous Tin Reactants: Attractive Features for Preparative Organic Synthesis and Liquid-Phase Combinatorial Synthesis. <i>Journal of Organic Chemistry</i> , 1996, 61, 6480-6481.	3.2	141
38	Radical Additions of Aryl Iodides to Arenes Are Facilitated by Oxidative Rearomatization with Dioxygen. <i>Journal of the American Chemical Society</i> , 2006, 128, 13706-13707.	13.7	141
39	Atom transfer cyclization reactions of hex-5-ynyl iodides: synthetic and mechanistic studies. <i>Journal of the American Chemical Society</i> , 1989, 111, 6265-6276.	13.7	140
40	tris(2-perfluorohexylethyl)tin azide: A new reagent for preparation of 5-substituted tetrazoles from nitriles with purification by fluoruous/organic liquid-liquid extraction. <i>Tetrahedron</i> , 1999, 55, 8997-9006.	1.9	140
41	Fluorous Tin Hydrides: A New Family of Reagents for Use and Reuse in Radical Reactions. <i>Journal of the American Chemical Society</i> , 1999, 121, 6607-6615.	13.7	140
42	Solution-Phase Preparation of a 560-Compound Library of Individual Pure Mappicine Analogues by Fluorous Mixture Synthesis. <i>Journal of the American Chemical Society</i> , 2002, 124, 10443-10450.	13.7	140
43	Boremium Ion Catalyzed Hydroboration of Alkenes with N-Heterocyclic Carbene-Boranes. <i>Journal of the American Chemical Society</i> , 2012, 134, 12281-12288.	13.7	134
44	Radical Addition Reactions. , 1991, , 715-777.		131
45	Rapid Fluorous Stille Coupling Reactions Conducted under Microwave Irradiation. <i>Journal of Organic Chemistry</i> , 1997, 62, 5583-5587.	3.2	131
46	Separation-Friendly Mitsunobu Reactions: A Microcosm of Recent Developments in Separation Strategies. <i>Chemistry - A European Journal</i> , 2004, 10, 3130-3138.	3.3	123
47	N-Heterocyclic Carbenes-Borane Complexes: A New Class of Initiators for Radical Photopolymerization. <i>Macromolecules</i> , 2010, 43, 2261-2267.	4.8	123
48	A critical evaluation of studies employing alkenyl halide "mechanistic probes" as indicators of single-electron-transfer processes. <i>Accounts of Chemical Research</i> , 1988, 21, 206-214.	15.6	121
49	Separation of Light Fluorous Reagents and Catalysts by Fluorous Solid-Phase Extraction: Synthesis and Study of a Family of Triarylphosphines Bearing Linear and Branched Fluorous Tags. <i>Journal of Organic Chemistry</i> , 2000, 65, 8866-8873.	3.2	121
50	Substitution Reactions at Tetracoordinate Boron: Synthesis of N-Heterocyclic Carbene Boranes with Boron-Heteroatom Bonds. <i>Journal of the American Chemical Society</i> , 2010, 132, 15072-15080.	13.7	121
51	Cationic Aqua Complexes of the C ₂ -Symmetric trans-Chelating Ligand (R,R)-4,6-Dibenzofurandiyl-2,2-bis(4-phenyloxazoline). Absolute Chiral Induction in Diels-Alder Reactions Catalyzed by Water-Tolerant Enantiopure Lewis Acids. <i>Journal of Organic Chemistry</i> , 1997, 62, 6454-6455.	3.2	119
52	Synthesis of Carbocyclic and Heterocyclic Fused Quinolines by Cascade Radical Annulations of Unsaturated N-Aryl Thiocarbamates, Thioamides, and Thioureas. <i>Organic Letters</i> , 2003, 5, 1765-1768.	4.6	116
53	Preparation of a fluoruous benzyl protecting group and its use in fluoruous synthesis approach to a disaccharide. <i>Tetrahedron Letters</i> , 1998, 39, 4937-4940.	1.4	114
54	Radical Deoxygenation of Xanthates and Related Functional Groups with New Minimalist N-Heterocyclic Carbene Boranes. <i>Organic Letters</i> , 2010, 12, 3002-3005.	4.6	113

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55	Rotational features of carbon-nitrogen bonds in axially chiral o-tert-butyl anilides and related molecules. Potential substrates for the "prochiral auxiliary"™ approach to asymmetric synthesis. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 3955-3975.	1.8	112
56	Synergistic Effects of Peloruside A and Laulimalide with Taxoid Site Drugs, but Not with Each Other, on Tubulin Assembly. <i>Molecular Pharmacology</i> , 2006, 70, 1555-1564.	2.3	112
57	Radical Reactions of N-Heterocyclic Carbene Boranes with Organic Nitriles: Cyanation of NHC-Boranes and Reductive Decyanation of Malononitriles. <i>Journal of the American Chemical Society</i> , 2015, 137, 8617-8622.	13.7	111
58	High-Speed, Highly Fluorous Organic Reactions. <i>Journal of Organic Chemistry</i> , 1999, 64, 4539-4541.	3.2	110
59	Phenyl Hydrazine as Initiator for Direct Arene C-H Arylation via Base Promoted Homolytic Aromatic Substitution. <i>Organic Letters</i> , 2013, 15, 6102-6105.	4.6	109
60	Cascade Radical Reactions of Isonitriles: A Second-Generation Synthesis of (20S)-Camptothecin, Topotecan, Irinotecan, and GI-147211C. <i>Angewandte Chemie International Edition in English</i> , 1996, 34, 2683-2684.	4.4	108
61	Fluorous Mitsunobu reagents and reactions. <i>Tetrahedron</i> , 2002, 58, 3855-3864.	1.9	107
62	A Short Total Synthesis of (±)-Epimeloscin and (±)-Meloscin Enabled by a Cascade Radical Annulation of a Divinylcyclopropane. <i>Journal of the American Chemical Society</i> , 2011, 133, 10376-10378.	13.7	107
63	Electron Paramagnetic Resonance and Computational Studies of Radicals Derived from Boron-Substituted N-Heterocyclic Carbene Boranes. <i>Journal of the American Chemical Society</i> , 2011, 133, 10312-10321.	13.7	105
64	Transfer of Chirality in Radical Cyclizations. Cyclization of o-Haloacrylanilides to Oxindoles with Transfer of Axial Chirality to a Newly Formed Stereocenter. <i>Journal of the American Chemical Society</i> , 1999, 121, 11012-11013.	13.7	103
65	N-Allylation of anilides with chiral palladium catalysts: the first catalytic asymmetric synthesis of axially chiral anilides. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 587-592.	1.8	103
66	Quasienantiomers and Quasiracemates: New Tools for Identification, Analysis, Separation, and Synthesis of Enantiomers. <i>Chemistry - A European Journal</i> , 2005, 11, 4866-4880.	3.3	101
67	Fluorous Mixture Synthesis of Stereoisomer Libraries: Total Syntheses of (+)-Murisolin and Fifteen Diastereoisomers. <i>Journal of the American Chemical Society</i> , 2004, 126, 36-37.	13.7	100
68	Insertion of Reactive Rhodium Carbenes into Boron-Hydrogen Bonds of Stable N-Heterocyclic Carbene Boranes. <i>Journal of the American Chemical Society</i> , 2013, 135, 12076-12081.	13.7	98
69	Phase-Vanishing Reactions that Use Fluorous Media as a Phase Screen. Facile, Controlled Bromination of Alkenes by Dibromine and Dealkylation of Aromatic Ethers by Boron Tribromide. <i>Journal of the American Chemical Society</i> , 2002, 124, 12946-12947.	13.7	97
70	Potassium carbonate-silica: a highly effective stationary phase for the chromatographic removal of organotin impurities. <i>Chemical Communications</i> , 2010, 46, 6335.	4.1	97
71	Total Synthesis of (±)-Dictyostatin: Confirmation of Relative and Absolute Configurations. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4634-4637.	13.8	96
72	Fluorous Boc (FBoc) Carbamates: New Amine Protecting Groups for Use in Fluorous Synthesis. <i>Journal of Organic Chemistry</i> , 2001, 66, 4261-4266.	3.2	93

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73	Palladium-Promoted Cascade Reactions of Isonitriles and 6-Iodo-N-propargylpyridones: Synthesis of Mappicines, Camptothecins, and Homocamptothecins. <i>Organic Letters</i> , 2002, 4, 3215-3218.	4.6	93
74	Boryltrihydroborate: Synthesis, Structure, and Reactivity as a Reductant in Ionic, Organometallic, and Radical Reactions. <i>Journal of the American Chemical Society</i> , 2010, 132, 11449-11451.	13.7	93
75	Palladium-Catalyzed Stille Couplings with Fluorous Tin Reactants. <i>Journal of Organic Chemistry</i> , 1997, 62, 8341-8349.	3.2	91
76	Selective N-functionalization of 6-substituted-2-pyridones. <i>Tetrahedron Letters</i> , 1995, 36, 8917-8920.	1.4	90
77	Radical Reactions with Alkyl and Fluoroalkyl (Fluorous) Tin Hydride Reagents in Supercritical CO ₂ . <i>Journal of the American Chemical Society</i> , 1997, 119, 7406-7407.	13.7	90
78	A New Regioselective Heck Vinylation with Enamides. Synthesis and Investigation of Fluorous-Tagged Bidentate Ligands for Fast Separation. <i>Journal of Organic Chemistry</i> , 2003, 68, 6639-6645.	3.2	90
79	Relaying Asymmetry of Transient Atropisomers of <i>o</i> -Iodoanilides by Radical Cyclizations. <i>Journal of the American Chemical Society</i> , 2005, 127, 14994-14995.	13.7	90
80	Tubulin Assembly, Taxoid Site Binding, and Cellular Effects of the Microtubule-Stabilizing Agent Dicytostatin. <i>Biochemistry</i> , 2005, 44, 15053-15063.	2.5	88
81	Quasiracemic Synthesis: Concepts and Implementation with a Fluorous Tagging Strategy to Make Both Enantiomers of Pyridovericin and Mappicine. <i>Journal of the American Chemical Society</i> , 2002, 124, 5774-5781.	13.7	87
82	N-Heterocyclic Carbene Boranes Accelerate Type I Radical Photopolymerizations and Overcome Oxygen Inhibition. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5958-5961.	13.8	85
83	Radical Reactions and Retrosynthetic Planning. <i>Synlett</i> , 1991, 1991, 63-72.	1.8	83
84	Ionic and Organometallic Reductions with N-Heterocyclic Carbene Boranes. <i>Chemistry - A European Journal</i> , 2009, 15, 12937-12940.	3.3	83
85	Radical <i>trans</i> -Hydroboration of Alkynes with N-Heterocyclic Carbene Boranes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9485-9490.	13.8	82
86	Evidence that palladium(0)-promoted cyclizations of unsaturated α -iodocarbonyls occur by an atom transfer mechanism. <i>Tetrahedron Letters</i> , 1990, 31, 933-936.	1.4	80
87	Total Synthesis of a 28-Member Stereoisomer Library of Murisolin. <i>Journal of the American Chemical Society</i> , 2006, 128, 9561-9573.	13.7	79
88	A recyclable fluorous organocatalyst for Diels-Alder reactions. <i>Tetrahedron Letters</i> , 2006, 47, 9287-9290.	1.4	79
89	Synthesis of Enantioenriched Axially Chiral Anilides from Atropisomerically Enriched Tartarate Ortho-Anilides. <i>Journal of the American Chemical Society</i> , 2001, 123, 5130-5131.	13.7	78
90	N-Heterocyclic Carbene Boranes are Good Hydride Donors. <i>Organic Letters</i> , 2012, 14, 82-85.	4.6	77

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91	Rotational features of carbon-nitrogen bonds in N-aryl maleimides. Atroposelective reactions of o-tert-butylphenylmaleimides. <i>Tetrahedron</i> , 1999, 55, 5681-5704.	1.9	76
92	The Parent Borylene: Betwixt and Between. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1602-1605.	13.8	76
93	Novel A,B,E-Ring-Modified Camptothecins Displaying High Lipophilicity and Markedly Improved Human Blood Stabilities. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 3018-3022.	6.4	75
94	Selective Synthesis of (2Z,4E)-Dienyl Esters by Ene [∞] Diene Cross Metathesis [∞] . <i>Organic Letters</i> , 2007, 9, 5-8.	4.6	75
95	Discodermolide/Dictyostatin Hybrids: [∞] Synthesis and Biological Evaluation. <i>Organic Letters</i> , 2002, 4, 4443-4446.	4.6	74
96	Suzuki [∞] Miyaura Coupling of NHC [∞] Boranes: A New Addition to the C [∞] C Coupling Toolbox. <i>Organic Letters</i> , 2009, 11, 4914-4917.	4.6	74
97	Synthesis of Perfluoroalkyl-Substituted Aryl Bromides and Their Purification Over Fluorous Reverse Phase Silica. <i>Synthesis</i> , 1998, 1998, 1425-1427.	2.3	73
98	Estimated Rate Constants for Hydrogen Abstraction from N-Heterocyclic Carbene [∞] Borane Complexes by an Alkyl Radical. <i>Organic Letters</i> , 2010, 12, 2998-3001.	4.6	72
99	Borylative Radical Cyclizations of Benzo[3,4]cyclodec [∞] 1,5 [∞] dienes and N [∞] Heterocyclic Carbene [∞] Boranes. <i>Chemistry - A European Journal</i> , 2017, 23, 5404-5409.	3.3	72
100	Fluorous Mixture Synthesis of ([∞])-Dictyostatin and Three Stereoisomers. <i>Organic Letters</i> , 2006, 8, 301-304.	4.6	71
101	Mechanistic and Preparative Studies of Radical Chain Homolytic Substitution Reactions of N-Heterocyclic Carbene Boranes and Disulfides. <i>Journal of the American Chemical Society</i> , 2013, 135, 10484-10491.	13.7	71
102	Streamlined Syntheses of ([∞])-Dictyostatin, 16-Desmethyl-25,26-dihydrodictyostatin, and 6-epi-16-Desmethyl-25,26-dihydrodictyostatin. <i>Journal of the American Chemical Society</i> , 2010, 132, 9175-9187.	13.7	69
103	New fluorous/organic biphasic systems achieved by solvent tuning. <i>Tetrahedron</i> , 2007, 63, 9890-9895.	1.9	68
104	N-Heterocyclic carbene-borane radicals as efficient initiating species of photopolymerization reactions under air. <i>Polymer Chemistry</i> , 2011, 2, 625-631.	3.9	67
105	Low-Temperature Heck Reactions of Axially Chiral-Iodoacrylanilides Occur with Chirality Transfer: [∞] Implications for Catalytic Asymmetric Heck Reactions. <i>Journal of the American Chemical Society</i> , 2007, 129, 494-495.	13.7	66
106	Borenum-Catalyzed Hydroborations of Silyl-Substituted Alkenes and Alkynes with a Readily Available N-Heterocyclic Carbene [∞] Borane. <i>Organometallics</i> , 2013, 32, 7445-7450.	2.3	66
107	Fluorous Triphasic Reactions: [∞] Transportative Deprotection of Fluorous Silyl Ethers with Concomitant Purification. <i>Journal of the American Chemical Society</i> , 2001, 123, 10119-10120.	13.7	64
108	Radical reductions of alkyl halides bearing electron withdrawing groups with N-heterocyclic carbene boranes. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3415.	2.8	64

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109	Understanding Initiation with Triethylboron and Oxygen: The Differences between Low-Oxygen and High-Oxygen Regimes. <i>Journal of the American Chemical Society</i> , 2016, 138, 7741-7752.	13.7	64
110	Recyclable fluoros chiral ligands and catalysts: asymmetric addition of diethylzinc to aromatic aldehydes catalyzed by fluoros BINOL-Ti complexes. <i>Tetrahedron</i> , 2002, 58, 3963-3969.	1.9	63
111	Reactions of Boron-Substituted N-Heterocyclic Carbene Boranes with Triflic Acid. Isolation of a New Dihydroxyborenium Cation. <i>Organometallics</i> , 2012, 31, 54-56.	2.3	63
112	7-Silylcamptothecins (silatecans): A new family of camptothecin antitumor agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997, 7, 3189-3194.	2.2	62
113	Memory of Axial Chirality in Aryl Radical Phosphanylations. <i>Journal of the American Chemical Society</i> , 2010, 132, 11452-11454.	13.7	62
114	Synthesis of (S)-mappicine and mappicine ketone via radical cascade reaction of isonitriles. <i>Tetrahedron</i> , 1997, 53, 8881-8886.	1.9	61
115	Fluorous methods for synthesis and separation of organic molecules. <i>Pure and Applied Chemistry</i> , 2000, 72, 1649-1653.	1.9	61
116	Simultaneous Preparation of Four Truncated Analogues of Discodermolide by Fluorous Mixture Synthesis. <i>Organic Letters</i> , 2002, 4, 2233-2235.	4.6	61
117	Synthesis and Applications of a Light-Fluorous Glycosyl Donor. <i>Journal of Organic Chemistry</i> , 2009, 74, 2594-2597.	3.2	61
118	Resolution of 1-(2-Naphthyl)ethanol by a Combination of an Enzyme-Catalyzed Kinetic Resolution with a Fluorous Triphasic Separative Reaction. <i>Organic Letters</i> , 2002, 4, 2585-2587.	4.6	60
119	Preparation of NHC Borane Complexes by Lewis Base Exchange with Amine ⁺ and Phosphine ⁺ Boranes. <i>Journal of Organic Chemistry</i> , 2010, 75, 6983-6985.	3.2	60
120	Molecular Iodine Initiates Hydroborations of Alkenes with N-Heterocyclic Carbene Boranes. <i>Journal of the American Chemical Society</i> , 2013, 135, 14433-14437.	13.7	60
121	Preparation of a Fluorous Chiral BINOL Derivative and Application to an Asymmetric Protonation Reaction. <i>Tetrahedron</i> , 2000, 56, 351-356.	1.9	59
122	A Water-Compatible NHC-Borane: Photopolymerizations in Water and Rate Constants for Elementary Radical Reactions. <i>ACS Macro Letters</i> , 2012, 1, 92-95.	4.8	59
123	Formation of N-Heterocyclic Carbene-Boryl Radicals through Electrochemical and Photochemical Cleavage of the B-S bond in N-Heterocyclic Carbene-Boryl Sulfides. <i>Journal of the American Chemical Society</i> , 2013, 135, 16938-16947.	13.7	57
124	Synthesis and biological evaluation of (âˆ’)-dictyostatin and stereoisomers. <i>Tetrahedron</i> , 2007, 63, 8537-8562.	1.9	55
125	Use of fluoros silica gel to separate fluoros thiol quenching derivatives in solution-phase parallel synthesis. <i>Tetrahedron</i> , 2002, 58, 3871-3875.	1.9	54
126	Synthesis and Reactions of Fluorous Carbobenzyloxy (FCbz) Derivatives of α -Amino Acids. <i>Journal of Organic Chemistry</i> , 2003, 68, 4643-4647.	3.2	54

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127	Increasing Fluorous Partition Coefficients by Solvent Tuning. <i>Organic Letters</i> , 2005, 7, 3677-3680.	4.6	54
128	Structure Assignment of Lagunapyrone B by Fluorous Mixture Synthesis of Four Candidate Stereoisomers. <i>Journal of the American Chemical Society</i> , 2006, 128, 14200-14205.	13.7	54
129	Radical carbonylations with fluorous allyl tin reagents. <i>Tetrahedron Letters</i> , 1999, 40, 2367-2370.	1.4	53
130	Asymmetric reactions of axially chiral amides: use of removable ortho-substituents in radical cyclizations of o-iodoacrylanilides and N-allyl-N-o-iodoacrylamides. <i>Tetrahedron</i> , 2004, 60, 7543-7552.	1.9	53
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