

Paul G Williard

List of Publications by Year in descending order

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papers

6,099
citations

61984

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166
times ranked

4285
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron catalyzed CO ₂ hydrogenation to formate enhanced by Lewis acid co-catalysts. <i>Chemical Science</i> , 2015, 6, 4291-4299.	7.4	285
2	Characterization of Reactive Intermediates by Multinuclear Diffusion-Ordered NMR Spectroscopy (DOSY). <i>Accounts of Chemical Research</i> , 2009, 42, 270-280.	15.6	260
3	Controlling Gold Nanoclusters by Diphospine Ligands. <i>Journal of the American Chemical Society</i> , 2014, 136, 92-95.	13.7	219
4	Formula Weight Prediction by Internal Reference Diffusion-Ordered NMR Spectroscopy (DOSY). <i>Journal of the American Chemical Society</i> , 2009, 131, 5627-5634.	13.7	144
5	Resolution, asymmetric transformation, and configuration of Troeger's base. Application of Troeger's base as a chiral solvating agent. <i>Journal of Organic Chemistry</i> , 1991, 56, 485-487.	3.2	142
6	Diffusion-Ordered NMR Spectroscopy (DOSY) of THF Solvated n-Butyllithium Aggregates. <i>Journal of the American Chemical Society</i> , 2000, 122, 10228-10229.	13.7	138
7	X-ray crystal structures of lithium, sodium, and potassium enolates of pinacolone. <i>Journal of the American Chemical Society</i> , 1986, 108, 462-468.	13.7	131
8	Solid-state structures of n-butyllithium-TMEDA, -THF, and -DME complexes. <i>Journal of the American Chemical Society</i> , 1993, 115, 1568-1572.	13.7	127
9	Structure and reactivity of lithium diisopropylamide in the presence of N,N,N',N'-tetramethylethylenediamine. <i>Journal of the American Chemical Society</i> , 1992, 114, 5100-5110.	13.7	112
10	Boron trihalide-methyl sulfide complexes as convenient reagents for dealkylation of aryl ethers. <i>Tetrahedron Letters</i> , 1980, 21, 3731-3734.	1.4	106
11	Aggregated intermediates in the aldol reaction sequence. Crystal structure of the open dimer of LiTMP.cntdot.TMEDA. <i>Journal of the American Chemical Society</i> , 1993, 115, 3380-3381.	13.7	99
12	The first structural characterization of a dimeric lithium ketone enolate-LDA complex. <i>Journal of the American Chemical Society</i> , 1987, 109, 5539-5541.	13.7	98
13	Structure and reactivity of lithium diisopropylamide (LDA) in hydrocarbon solutions. Formation of unsolvated ketone, ester, and carboxamide enolates. <i>Journal of Organic Chemistry</i> , 1991, 56, 4435-4439.	3.2	94
14	Asymmetric induction in the vinylogous amide photocycloaddition reaction. A formal synthesis of vindorosine. <i>Journal of the American Chemical Society</i> , 1990, 112, 8971-8975.	13.7	93
15	Structural Consequences of the Addition of Lithium Halides in Enolization and Aldol Reactions. <i>Journal of the American Chemical Society</i> , 1996, 118, 1339-1347.	13.7	89
16	X-ray crystal structure of an unsolvated lithium enolate anion. <i>Journal of the American Chemical Society</i> , 1985, 107, 3345-3346.	13.7	86
17	Studies on the synthesis of vitamin B12. 4. <i>Journal of the American Chemical Society</i> , 1986, 108, 1039-1049.	13.7	86
18	Synthesis, isolation, and structure of an LDA-THF complex. <i>Journal of Organic Chemistry</i> , 1993, 58, 1-3.	3.2	85

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19	Synthesis and Structure Determination of a New Au ₂₀ Nanocluster Protected by Tripodal Tetraphosphine Ligands. <i>Inorganic Chemistry</i> , 2014, 53, 3932-3934.	4.0	78
20	Mixed Aggregates Containing n-Butyl-, sec-Butyl-, tert-Butyllithium and a Chiral Lithium Amide Derived from N-Isopropyl-O-methyl Valinol. <i>Journal of the American Chemical Society</i> , 1997, 119, 11693-11694.	13.7	77
21	Effect of Polydentate Donor Molecules on Lithium Hexamethyldisilazide Aggregation: An X-ray Crystallographic and a Combination Semiempirical PM3/Single Point Ab Initio Theoretical Study. <i>Journal of the American Chemical Society</i> , 1997, 119, 11855-11863.	13.7	77
22	Stereoselective Alkylations in Rigid Systems. Effect of Remote Substituents on β -Facial Additions to Lactam Enolates. Stereoelectronic and Steric Effects. <i>Journal of the American Chemical Society</i> , 1998, 120, 7429-7438.	13.7	77
23	Addition of Grignard reagents and ketone enolates to the arene in (arene)manganese tricarbonyl cations. <i>Organometallics</i> , 1982, 1, 1053-1056.	2.3	76
24	Mixed aggregates: crystal structures of a lithium ketone enolate/lithium amide and of a sodium ester enolate/sodium amide. <i>Journal of the American Chemical Society</i> , 1990, 112, 8602-8604.	13.7	73
25	Lewis Acid Induced β -Elimination from a Nickelalactone: Efforts toward Acrylate Production from CO ₂ and Ethylene. <i>Organometallics</i> , 2013, 32, 2152-2159.	2.3	68
26	Crystal structure of a unique aggregate containing lithium and potassium cations, ketone enolate, and tert-butoxide. <i>Journal of the American Chemical Society</i> , 1989, 111, 7671-7672.	13.7	65
27	A Retrograde Trafficking Inhibitor of Ricin and Shiga-Like Toxins Inhibits Infection of Cells by Human and Monkey Polyomaviruses. <i>MBio</i> , 2013, 4, e00729-13.	4.1	64
28	Total synthesis of (+)-demethyldysidenin and (-)-demethylisodysidenin, hexachlorinated amino acids from the marine sponge <i>Dysidea herbacea</i> . Assignment of absolute stereochemistry. <i>Journal of the American Chemical Society</i> , 1985, 107, 199-203.	13.7	59
29	¹³ C INEPT Diffusion-Ordered NMR Spectroscopy (DOSY) with Internal References. <i>Organic Letters</i> , 2008, 10, 909-911.	4.6	59
30	X-ray crystal structure of a lithium aldolate - a tetrameric aggregate. <i>Tetrahedron Letters</i> , 1985, 26, 3931-3934.	1.4	58
31	Inside-outside stereoisomerism. II. Synthesis of the carbocyclic ring system of the ingenane diterpenes via the intramolecular dioxolenone photocycloaddition. <i>Journal of the American Chemical Society</i> , 1987, 109, 2850-2851.	13.7	58
32	Hexameric lithium phenolate: crystal structures and lithium-7 quadrupole coupling in solid and solution phases. <i>Journal of the American Chemical Society</i> , 1993, 115, 6262-6267.	13.7	55
33	Effect of Sodium Cation on Metallacycle β -Hydride Elimination in CO ₂ \rightarrow Ethylene Coupling to Acrylates. <i>Chemistry - A European Journal</i> , 2014, 20, 3205-3211.	3.3	54
34	Internally Referenced Diffusion Coefficient \sim Formula Weight (D-FW) Analysis of ³¹ P Diffusion-Ordered NMR Spectroscopy (DOSY). <i>Organic Letters</i> , 2009, 11, 4818-4821.	4.6	51
35	Structural characterization of mixed alkali metal bis(trimethylsilyl)amide bases. <i>Journal of the American Chemical Society</i> , 1991, 113, 9671-9673.	13.7	50
36	Acyclic stereocontrol in Fischer carbene chemistry by syn-selective Michael addition/trapping sequence. <i>Journal of the American Chemical Society</i> , 1993, 115, 9015-9020.	13.7	50

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37	Characterization of complexes between esters and lithium hexamethyldisilazide. <i>Journal of the American Chemical Society</i> , 1992, 114, 348-350.	13.7	49
38	Mixed Aggregates: A Lithium Enolate of 3-Pentanone and a Chiral Lithium Amide. <i>Journal of the American Chemical Society</i> , 2000, 122, 7829-7830.	13.7	49
39	Aggregation Studies of Complexes Containing a Chiral Lithium Amide and n-Butyllithium. <i>Journal of Organic Chemistry</i> , 2008, 73, 2373-2381.	3.2	49
40	Structures of lithium salts of 2,3,3-trimethylindolenine and its 5-methoxy derivative in solution and the solid state. <i>Journal of the American Chemical Society</i> , 1988, 110, 6058-6063.	13.7	48
41	Inside-outside stereoisomerism: the synthesis of trans-bicyclo[5.3.1]undecane-11-one. <i>Journal of the American Chemical Society</i> , 1986, 108, 6425-6427.	13.7	46
42	Precursor-Directed Biosynthesis of 16-Membered Macrolides by the Erythromycin Polyketide Synthase. <i>Journal of the American Chemical Society</i> , 2001, 123, 2495-2502.	13.7	46
43	Isomerization of Allyl Ethers Initiated by Lithium Diisopropylamide. <i>Organic Letters</i> , 2010, 12, 5378-5381.	4.6	46
44	Characterization of a Chiral Enolate Aggregate and Observation of $6\text{Li} \rightarrow ^1\text{H}$ Scalar Coupling. <i>Journal of the American Chemical Society</i> , 2008, 130, 11726-11736.	13.7	45
45	Carbanions of Alkali and Alkaline Earth Cations: (i) Synthesis and Structural Characterization. , 1991, , 1-47.		43
46	^6Li Diffusion-Ordered NMR Spectroscopy (DOSY) and Applications to Organometallic Complexes. <i>Organic Letters</i> , 2010, 12, 520-523.	4.6	43
47	Homolytic $\text{H}_{2\text{O}}$ cleavage by a mercury-bridged Ni pincer complex $[(\text{PNP})\text{Ni}(\text{Hg})]$. <i>Chemical Communications</i> , 2015, 51, 2946-2949.	4.1	43
48	Lithio(diphenylphosphino)methane-tetramethylethylenediamine: crystal structure and NMR studies of a coordinatively unsaturated, monomeric organolithium. <i>Organometallics</i> , 1989, 8, 2308-2311.	2.3	42
49	X-ray structural studies of tricarbonyl(cyclohexadienyl)manganese, dicarbonylnitrosyl(cyclohexadienyl)manganese, and dicarbonylnitrosyl(cyclohexadiene)manganese complexes. <i>Organometallics</i> , 1988, 7, 1323-1328.	2.3	38
50	Functionalization of Carbon Dioxide with Ethylene at Molybdenum Hydride Complexes. <i>Organometallics</i> , 2013, 32, 3969-3979.	2.3	38
51	Total synthesis and x-ray structure determination of cyanobacterin. <i>Journal of Organic Chemistry</i> , 1984, 49, 735-736.	3.2	37
52	Identification of a Unimetal Complex of Bases by 6Li NMR Spectroscopy and Single-Crystal Analysis. <i>Journal of the American Chemical Society</i> , 1995, 117, 8680-8681.	13.7	36
53	On the Mechanism of THF Catalyzed Vinylic Lithiation of Allylamine Derivatives: A Structural Studies Using 2-D and Diffusion-Ordered NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2005, 127, 4965-4975.	13.7	36
54	Total synthesis of (.+.)-dysidin, a marine metabolite containing an N-acyl-O-methyltetramic acid. <i>Journal of Organic Chemistry</i> , 1984, 49, 3489-3493.	3.2	34

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55	Câ€“CN Bond Activation of Acetonitrile using Cobalt(I). <i>Organometallics</i> , 2012, 31, 1588-1590.	2.3	34
56	The PtP(C6H11)3(C2H4)2 mediated activation of aldehyde Cî—H bonds via chelate-assisted oxidative addition reactions. <i>Journal of Organometallic Chemistry</i> , 1985, 284, 409-419.	1.8	33
57	Synthesis and reactivity of (indole)Mn(CO)3+ complexes. Electrophilic activation of the indole 4 and 7 positions. <i>Inorganica Chimica Acta</i> , 1993, 211, 1-3.	2.4	33
58	[4î€+2î€]Cycloadditions of o-quinones to fulvenes: A facile synthesis of bicyclo[2.2.2]octen-7,8-diones. <i>Tetrahedron Letters</i> , 1995, 36, 1605-1608.	1.4	33
59	Synthesis of [15N,15Nâ€~N,N,Nâ€~Nâ€~Tetramethyl- ethylenediamine and Its Use in Solvation Studies of [6Li]-n-Butyllithium. <i>Journal of the American Chemical Society</i> , 1997, 119, 5479-5480.	13.7	33
60	Polymorphism of Phosphine-Protected Gold Nanoclusters: Synthesis and Characterization of a New 22-Gold-Atom Cluster. <i>Small</i> , 2016, 12, 2518-2525.	10.0	33
61	Synthesis and Characterization of Pincer-Molybdenum Precatalysts for CO₂ Hydrogenation. <i>Organometallics</i> , 2016, 35, 860-865.	2.3	33
62	Nitric Oxide Reactivity of [2Fe-2S] Clusters Leading to H₂S Generation. <i>Journal of the American Chemical Society</i> , 2014, 136, 11874-11877.	13.7	32
63	Isolation and structure determination of pentalenolactones A, B, D, and F. <i>Journal of Organic Chemistry</i> , 1992, 57, 844-851.	3.2	31
64	Synthesis and Characterization of the First Mixed Alkali Metal Enolate Containing Amine Ligands: A Novelâ€œOpen-Stackâ€•Structure and Its Implications for Aldol Addition. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1117-1119.	4.4	31
65	Diaziridines. II. Addition of diaziridines to electrophilic acetylenes. <i>Journal of Organic Chemistry</i> , 1973, 38, 2984-2988.	3.2	30
66	Five- and six-membered-ring formation from olefinic .alpha.,.beta.-epoxy ketones and hydrazine. <i>Journal of the American Chemical Society</i> , 1977, 99, 7067-7068.	13.7	30
67	Tandem photocyclization-intramolecular addition reactions of aryl vinyl sulfides. Observation of a novel [2 + 2] cycloaddition-allylic sulfide rearrangement. <i>Journal of Organic Chemistry</i> , 1992, 57, 1151-1158.	3.2	30
68	Mixed Aggregates of an Alkyl Lithium Reagent and a Chiral Lithium Amide Derived from <i>N</i>-Ethyl-<i>O</i>-triisopropylsilyl Valinol. <i>Journal of the American Chemical Society</i> , 2013, 135, 14367-14379.	13.7	30
69	The generation of 2-vinylcyclopentene-1,3-diones via a five-component coupling in the coordination sphere of chromium. <i>Journal of the American Chemical Society</i> , 1989, 111, 7269-7271.	13.7	29
70	Characterization of Dimeric Chiral Lithium Amide Structures Derived from N-isopropyl-O-triisopropylsilyl Valinol. <i>Journal of the American Chemical Society</i> , 2011, 133, 6596-6602.	13.7	29
71	Oxidation of Peptides by Methyl(trifluoromethyl)dioxirane:â€% The Protecting Group Matters. <i>Journal of Organic Chemistry</i> , 2007, 72, 525-531.	3.2	28
72	Analysis of an Asymmetric Addition with a 2:1 Mixed Lithium Amide/<i>n</i>-Butyllithium Aggregate. <i>Journal of Organic Chemistry</i> , 2008, 73, 4045-4052.	3.2	28

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73	Diffusion Coefficient-Formula Weight Correlation Analysis via Diffusion-Ordered Nuclear Magnetic Resonance Spectroscopy (DOSY NMR) To Examine Acylglycerol Mixtures and Biodiesel Production. <i>Energy & Fuels</i> , 2010, 24, 4518-4521.	5.1	28
74	Total synthesis of halogenated monoterpene marine natural products via the Diels-Alder reaction. <i>Journal of Organic Chemistry</i> , 1985, 50, 3738-3749.	3.2	27
75	Complexes between Fluorobenzenes and Lithium Hexamethyldisilazide Dimer. <i>Journal of Organic Chemistry</i> , 1994, 59, 1596-1597.	3.2	27
76	Concerning the Efficient Conversion of Epoxy Alcohols into Epoxy Ketones Using Dioxiranes. <i>Journal of Organic Chemistry</i> , 2004, 69, 8510-8513.	3.2	27
77	Inside-outside stereoisomerism. 5. Synthesis and reactivity of trans-bicyclo[n.3.1] alkanones prepared via the intramolecular photocycloaddition of dioxenones. <i>Journal of the American Chemical Society</i> , 1991, 113, 8839-8846.	13.7	26
78	Synthesis of (4E)-7-methoxytetradec-4-enoic acid: a novel fatty acid from <i>lyngbya majuscula</i> . <i>Tetrahedron Letters</i> , 1992, 33, 2327-2330.	1.4	26
79	Concerning Selectivity in the Oxidation of Peptides by Dioxiranes. Further Insight into the Effect of Carbamate Protecting Groups. <i>Journal of Organic Chemistry</i> , 2010, 75, 4812-4816.	3.2	26
80	Characterization of Cyclopentyllithium and Cyclopentyllithium Tetrahydrofuran Complex. <i>Journal of the American Chemical Society</i> , 2013, 135, 12400-12406.	13.7	26
81	Physically Separated References for Diffusion Coefficient-Formula Weight (D-FW) Analysis of Diffusion-Ordered NMR Spectroscopy (DOSY) in Water. <i>Organic Letters</i> , 2010, 12, 2698-2701.	4.6	25
82	Conversion of {Fe(NO) ₂ } ₁₀ dinitrosyl iron to nitrate iron(III) species by molecular oxygen. <i>Dalton Transactions</i> , 2012, 41, 7849.	3.3	25
83	Ancillary Ligand Effects on Carbon Dioxide-Ethylene Coupling at Zerovalent Molybdenum. <i>Organometallics</i> , 2014, 33, 3425-3432.	2.3	25
84	Structure of the simple lithium chelate (LiCH ₂ CH ₂ CH ₂ NMe ₂) ₄ . <i>Journal of Organometallic Chemistry</i> , 1986, 299, 311-317.	1.8	24
85	⁶ Li and ¹⁵ N Nuclear Magnetic Resonance Studies of Mixed Alkali Metal Cation Hexamethyldisilazide Bases. <i>Journal of the American Chemical Society</i> , 1994, 116, 1153-1154.	13.7	24
86	Dynamics of Catalytic Resolution of 2-Lithio-N-Boc-piperidine by Ligand Exchange. <i>Journal of the American Chemical Society</i> , 2012, 134, 16845-16855.	13.7	24
87	Inside-Outside Stereoisomerism. 6. Synthesis of trans-Bicyclo[4.4.1]undecan-11-one and the First Stereoselective Construction of the Tricyclic Nucleus of the Ring System of the Ingenane Diterpenes. <i>Journal of the American Chemical Society</i> , 1994, 116, 4183-4188.	13.7	23
88	Synthesis, Stereochemistry, and Biological Activity of 1 β ,23,25-Trihydroxy-24-oxovitamin D ₃ , a Major Natural Metabolite of 1 β ,25-Dihydroxyvitamin D ₃ . <i>Biochemistry</i> , 1997, 36, 9429-9437.	2.5	23
89	Selective Synthesis of Hydroxy Analogues of Valinomycin using Dioxiranes. <i>Organic Letters</i> , 2011, 13, 5096-5099.	4.6	23
90	X-Ray crystal structure determination of a bromomagnesium ketone enolate. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 153.	2.0	22

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91	Strategy for the synthesis of the C10f—,C19 portion of amphidinoide-A. Tetrahedron Letters, 1989, 30, 4637-4640.	1.4	22
92	A Triple Anion Complex Containing Enolate, Amide, and Halide—A New Structural Type in Lithium Chemistry. Angewandte Chemie International Edition in English, 1996, 35, 1322-1324.	4.4	22
93	Dianion Aggregates Derived from Lithiation of N-Silyl Allylamine. Organic Letters, 2000, 2, 2753-2755.	4.6	22
94	Remarkably similar solution and solid-state structures for two divergently reactive lithium enolates derived from vinylogous urethanes. Journal of the American Chemical Society, 1988, 110, 7901-7903.	13.7	21
95	Characterization of Hexameric and Octameric sec-Butyllithium/sec-Butoxide Mixed Aggregates. European Journal of Inorganic Chemistry, 2013, 2013, 4136-4141.	2.0	21
96	Mono- and Dilithiation of Primary Amine/Secondary Amine Mixtures: % Transamination, Solvation, and Cocomplexation. Organometallics, 1999, 18, 5620-5626.	2.3	20
97	Accurate Formula Weight Determination in Physically Separated Systems by Diffusion Coefficient—Formula Weight Correlation. Organometallics, 2010, 29, 1309-1311.	2.3	20
98	Nickel promoted functionalization of CO ₂ to anhydrides and ketoacids. Dalton Transactions, 2014, 43, 15990-15996.	3.3	20
99	Aggregation and Solvation of <i>n</i> -Butyllithium. Organic Letters, 2017, 19, 3966-3969.	4.6	20
100	CuPd Nanoparticles as a Robust Catalyst for Electrochemical Allylic Alkylation. Angewandte Chemie - International Edition, 2020, 59, 15933-15936.	13.8	19
101	Reactivity patterns in the reactions of [Rh(CO)2Cl]2 with chelating ketones. Journal of Organometallic Chemistry, 1986, 307, 71-82.	1.8	18
102	Inside-outside stereoisomerism III: The synthesis of trans-bicyclo[4.3.1]decan-10-one+. Tetrahedron Letters, 1988, 29, 4691-4694.	1.4	18
103	Synthesis of 2,3-Disubstituted Pyrroles from 3,N-Dilithio-N-(tert-butyldimethylsilyl)-2-buten-1-amine. Journal of Organic Chemistry, 2002, 67, 32-37.	3.2	18
104	Stereochemistry and mechanism of [4 + 2] photocycloaddition of Pummerer's ketone to furan. Journal of the American Chemical Society, 1988, 110, 2305-2306.	13.7	17
105	[3 + 2] Cycloaddition of Allylic Silane with N-Chlorosulfonyl Isocyanate. Bulletin of the Chemical Society of Japan, 1999, 72, 2115-2116.	3.2	17
106	Mechanistic Variations Due to the Solvation State in the Reaction of MeLi in Dimer and Trimer Aggregates with Formaldehyde. Journal of the American Chemical Society, 2000, 122, 12542-12546.	13.7	17
107	Chiral Lithium Diamides Derived from Linked N-Isopropyl Valinol or Alaninol. Journal of the American Chemical Society, 2014, 136, 11735-11747.	13.7	17
108	Synthesis and reactions of some 1-(nitroaryl)diaziridines. Journal of Organic Chemistry, 1972, 37, 2980-2983.	3.2	16

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109	Nucleophilic addition to coordinated cycloheptatriene: a mechanistic and structural study. <i>Organometallics</i> , 1985, 4, 871-877.	2.3	16
110	Synthesis of polymer-supported chiral lithium amide bases and application in asymmetric deprotonation of prochiral cyclic ketones. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 3021-3029.	1.8	16
111	Lithium Pinacolone Enolate Solvated by Hexamethylphosphoramide. <i>Journal of the American Chemical Society</i> , 2015, 137, 7347-7356.	13.7	16
112	Ligand Binding Constants to Lithium Hexamethyldisilazide Determined by Diffusion-Ordered NMR Spectroscopy. <i>Journal of Organic Chemistry</i> , 2017, 82, 6223-6231.	3.2	16
113	Diffusion Coefficient-Formula Weight (D-FW) Analysis of ² H Diffusion-Ordered NMR Spectroscopy (DOSY). <i>Journal of Organic Chemistry</i> , 2015, 80, 9102-9107.	3.2	15
114	Influence of Steric Factors on Chiral Lithium Amide Aggregates. <i>Journal of the American Chemical Society</i> , 2014, 136, 3246-3255.	13.7	14
115	Synthesis and Structural Characterization of the Bis(diisopropylamino)boron Enolate of tert-Butyl Methyl Ketone. <i>Organometallics</i> , 2007, 26, 5834-5839.	2.3	13
116	Isotopically Enriched ¹³ C Diffusion-Ordered NMR Spectroscopy: Analysis of Methylithium. <i>Journal of Organic Chemistry</i> , 2013, 78, 11733-11746.	3.2	13
117	Structures of Lithium <i>N</i> -Monosubstituted Anilides: Trisolvated Monomer to Tetrasolvated Dimer. <i>Journal of Organic Chemistry</i> , 2014, 79, 1032-1039.	3.2	13
118	Diamide Inhibitors of the <i>Bacillus subtilis</i> <i>N</i> -Acetylglucosaminidase LytG That Exhibit Antibacterial Activity. <i>ACS Infectious Diseases</i> , 2017, 3, 421-427.	3.8	13
119	Total synthesis of costatone: a monoterpene from the red seaweed: plocarnium costatum. <i>Tetrahedron Letters</i> , 1984, 25, 5009-5012.	1.4	12
120	Stereochemistry and mechanism of the [2 + 2] and [4 + 2] photocycloaddition of alkenes and dienes to pummerer's ketone. <i>Tetrahedron</i> , 1988, 44, 6001-6012.	1.9	12
121	Measurement of Solution Viscosity via Diffusion-Ordered NMR Spectroscopy (DOSY). <i>Journal of Chemical Education</i> , 2011, 88, 1331-1335.	2.3	12
122	Crystal Structure and Solution State Characterization of Lithium (<i>S</i>)-(1-(Bis(2-methoxyethyl)amino)-3-methylbutan-2-yl)(methyl)amide. <i>Journal of Organic Chemistry</i> , 2013, 78, 7288-7292.	3.2	12
123	Equilibrium studies of canola oil transesterification using a sodium glyceroxide catalyst prepared from a biodiesel waste stream. <i>Fuel Processing Technology</i> , 2016, 146, 70-75.	7.2	12
124	N-aryl sulfonyl hydrazimidates - hydrazones of esters. <i>Tetrahedron Letters</i> , 1981, 22, 2731-2734.	1.4	11
125	X-ray crystal structure of N-(2-lithiocyclohexenyl)-N,N',N'-trimethyl-1,3-propanediamine: a pentavalent lithium?. <i>Journal of the American Chemical Society</i> , 1984, 106, 4276-4277.	13.7	11
126	Synthesis of 3-bromo-6-ethenyltetrahydro-2,2,6-trimethyl-2h-pyran. <i>Tetrahedron Letters</i> , 1990, 31, 4257-4260.	1.4	11

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127	Generation of 1-Azapentadienyl Anion from N-(tert-Butyldimethylsilyl)-3-buten-1-amine. <i>Journal of Organic Chemistry</i> , 2002, 67, 3915-3918.	3.2	11
128	Synthesis of costatolide, a halogenated monoterpene from the red alga <i>Plocamium costatum</i> . <i>Journal of Organic Chemistry</i> , 1983, 48, 1123-1125.	3.2	10
129	Borontrifluoride-etherate induced rearrangement of bicyclo[2.2.2]octene-7,8-diones: An efficient synthesis of bicyclo[3.2.1]octene-2,8-diones. <i>Tetrahedron Letters</i> , 1996, 37, 8271-8272.	1.4	10
130	The X-ray crystal structure of pentalenolactone F methyl ester (epi-pentalenolactone F). <i>Journal of Antibiotics</i> , 1988, 41, 130-133.	2.0	9
131	The crystal structure of 2-fluoro-1-(p-methoxyphenyl)-1-penten-3-yne, a fluorinated vinylacetylene prepared via Horner-Wadsworth-Emmons condensation. <i>Journal of Fluorine Chemistry</i> , 1997, 85, 173-175.	1.7	9
132	Synthesis, Characterization, and Reaction of a Ketone-Derived 1,4-Dienolate Compound. <i>Journal of Organic Chemistry</i> , 2011, 76, 65-70.	3.2	9
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