

# Paul G Williard

## List of Publications by Year in descending order

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160  
papers

6,099  
citations

61984

43  
h-index

95266

68  
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166  
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166  
docs citations

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times ranked

4285  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid state aldol reactions of solvated and unsolvated lithium pinacolone enolate aggregates. <i>Tetrahedron</i> , 2020, 76, 130913.	1.9	3
2	Experimental Investigations on the Effects of Dissolved Gases on the Freezing Dynamics of Ocean Worlds. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2020JE006528.	3.6	2
3	CuPd Nanoparticles as a Robust Catalyst for Electrochemical Allylic Alkylation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15933-15936.	13.8	19
4	CuPd Nanoparticles as a Robust Catalyst for Electrochemical Allylic Alkylation. <i>Angewandte Chemie</i> , 2020, 132, 16067-16070.	2.0	2
5	Reactivity of a biomimetic W( $\eta^2$ ) bis-dithiolene complex with CO <sub>2</sub> leading to formate production and structural rearrangement. <i>Dalton Transactions</i> , 2019, 48, 17441-17444.	3.3	8
6	Diamide Inhibitors of the <i>Bacillus subtilis</i> N-Acetylglucosaminidase LytG That Exhibit Antibacterial Activity. <i>ACS Infectious Diseases</i> , 2017, 3, 421-427.	3.8	13
7	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
8	Aggregation and Solvation of <i>n</i> -Butyllithium. <i>Organic Letters</i> , 2017, 19, 3966-3969.	4.6	20
9	Reactivity of Lithium $\eta^2$ -Ketocarboxylates: The Role of Lithium Salts. <i>Journal of the American Chemical Society</i> , 2017, 139, 17414-17420.	13.7	6
10	Conformational Polymorphism of Lithium Pinacolone Enolate. <i>Journal of the American Chemical Society</i> , 2016, 138, 15177-15188.	13.7	7
11	Perfluoroalkyl Grignard Reagents: NMR Study of 1-Heptafluoropropylmagnesium Chloride in Solution. <i>Journal of Organic Chemistry</i> , 2016, 81, 5922-5928.	3.2	4
12	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
13	Synthesis and Characterization of Pincer-Molybdenum Precatalysts for CO <sub>2</sub> Hydrogenation. <i>Organometallics</i> , 2016, 35, 860-865.	2.3	33
14	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
15	Iron catalyzed CO <sub>2</sub> hydrogenation to formate enhanced by Lewis acid co-catalysts. <i>Chemical Science</i> , 2015, 6, 4291-4299.	7.4	285
16	Homolytic H <sub>2</sub> cleavage by a mercury-bridged Ni( $\eta^2$ ) pincer complex [(PNP)Ni] <sub>2</sub> ( $\mu_4$ -Hg)]. <i>Chemical Communications</i> , 2015, 51, 2946-2949.	4.1	43
17	Lithium Pinacolone Enolate Solvated by Hexamethylphosphoramide. <i>Journal of the American Chemical Society</i> , 2015, 137, 7347-7356.	13.7	16
18	Chemo-, regio-, and stereo-selective perfluoroalkylations by a Grignard complex with zirconocene. <i>Dalton Transactions</i> , 2015, 44, 19464-19468.	3.3	4

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19	Diffusion Coefficient-Formula Weight (D-FW) Analysis of $^2\text{H}$ Diffusion-Ordered NMR Spectroscopy (DOSY). <i>Journal of Organic Chemistry</i> , 2015, 80, 9102-9107.	3.2	15
20	Coordination Chemistry of Iridium Phosphine-Sulfonate Complexes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014, 24, 157-163.	3.7	3
21	Effect of Sodium Cation on Metallacycle $\beta$ -Hydride Elimination in $\text{CO}_2$ -Ethylene Coupling to Acrylates. <i>Chemistry - A European Journal</i> , 2014, 20, 3205-3211.	3.3	54
22	Studies towards the total synthesis of hygrocins A and B. <i>Tetrahedron Letters</i> , 2014, 55, 821-825.	1.4	3
23	Influence of Steric Factors on Chiral Lithium Amide Aggregates. <i>Journal of the American Chemical Society</i> , 2014, 136, 3246-3255.	13.7	14
24	C-H bond activation and S-atom transfer from cobalt( $\text{III}$ ) thiolate and isothiocyanate complexes. <i>Dalton Transactions</i> , 2014, 43, 14696-14700.	3.3	5
25	Chiral Lithium Diamides Derived from Linked N-Isopropyl Valinol or Alaninol. <i>Journal of the American Chemical Society</i> , 2014, 136, 11735-11747.	13.7	17
26	Synthesis and Structure Determination of a New $\text{Au}_{20}$ Nanocluster Protected by Tripodal Tetrakisphosphine Ligands. <i>Inorganic Chemistry</i> , 2014, 53, 3932-3934.	4.0	78
27	Nitric Oxide Reactivity of $[\text{2Fe-2S}]$ Clusters Leading to $\text{H}_2\text{S}$ Generation. <i>Journal of the American Chemical Society</i> , 2014, 136, 11874-11877.	13.7	32
28	Nickel promoted functionalization of $\text{CO}_2$ to anhydrides and ketoacids. <i>Dalton Transactions</i> , 2014, 43, 15990-15996.	3.3	20
29	Controlling Gold Nanoclusters by Diphosphine Ligands. <i>Journal of the American Chemical Society</i> , 2014, 136, 92-95.	13.7	219
30	Ancillary Ligand Effects on Carbon Dioxide-Ethylene Coupling at Zerovalent Molybdenum. <i>Organometallics</i> , 2014, 33, 3425-3432.	2.3	25
31	Structures of Lithium $N$ -Monosubstituted Anilides: Trisolvated Monomer to Tetrasolvated Dimer. <i>Journal of Organic Chemistry</i> , 2014, 79, 1032-1039.	3.2	13
32	Crystal Structure and Solution State Characterization of Lithium ( $S$ )-(1-(Bis(2-methoxyethyl)amino)-3-methylbutan-2-yl)(methyl)amide. <i>Journal of Organic Chemistry</i> , 2013, 78, 7288-7292.	3.2	12
33	Functionalization of Carbon Dioxide with Ethylene at Molybdenum Hydride Complexes. <i>Organometallics</i> , 2013, 32, 3969-3979.	2.3	38
34	Isotopically Enriched $^{13}\text{C}$ Diffusion-Ordered NMR Spectroscopy: Analysis of Methylithium. <i>Journal of Organic Chemistry</i> , 2013, 78, 11733-11746.	3.2	13
35	Deoxygenation of Mono-oxo Bis(dithiolene) Mo and W Complexes by Protonation. <i>Inorganic Chemistry</i> , 2013, 52, 8706-8712.	4.0	8
36	Lewis Acid Induced $\beta$ -Elimination from a Nickelalactone: Efforts toward Acrylate Production from $\text{CO}_2$ and Ethylene. <i>Organometallics</i> , 2013, 32, 2152-2159.	2.3	68

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37	Intermolecular Methyl Group Exchange and Reversible C–Me Bond Cleavage at Cobalt(III) Dimethyl Halide Species. <i>Organometallics</i> , 2013, 32, 798-806.	2.3	7
38	Characterization of Cyclopentylolithium and Cyclopentylolithium Tetrahydrofuran Complex. <i>Journal of the American Chemical Society</i> , 2013, 135, 12400-12406.	13.7	26
39	Mixed Aggregates of an Alkyl Lithium Reagent and a Chiral Lithium Amide Derived from N-Ethyl-O-triisopropylsilyl Valinol. <i>Journal of the American Chemical Society</i> , 2013, 135, 14367-14379.	13.7	30
40	Characterization of Hexameric and Octameric sec-Butyllithium/sec-Butoxide Mixed Aggregates. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 4136-4141.	2.0	21
41	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
42	Conversion of {Fe(NO) <sub>2</sub> } <sub>10</sub> dinitrosyl iron to nitrate iron(III) species by molecular oxygen. <i>Dalton Transactions</i> , 2012, 41, 7849.	3.3	25
43	C–CN Bond Activation of Acetonitrile using Cobalt(I). <i>Organometallics</i> , 2012, 31, 1588-1590.	2.3	34
44	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
45	Synthesis and coordination chemistry of organoiridium complexes supported by an anionic tridentate ligand. <i>Dalton Transactions</i> , 2011, 40, 4300.	3.3	8
46	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
47	Selective Synthesis of Hydroxy Analogues of Valinomycin using Dioxiranes. <i>Organic Letters</i> , 2011, 13, 5096-5099.	4.6	23
48	Measurement of Solution Viscosity via Diffusion-Ordered NMR Spectroscopy (DOSY). <i>Journal of Chemical Education</i> , 2011, 88, 1331-1335.	2.3	12
49	Structure of an unsymmetrical heptalithium cage complex containing aldolate and enolized aldolate dianion. <i>Tetrahedron</i> , 2011, 67, 10291-10295.	1.9	9
50	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
51	Diffusion Coefficient ~ Formula Weight Correlation Analysis via Diffusion-Ordered Nuclear Magnetic Resonance Spectroscopy (DOSY NMR) To Examine Acylglycerol Mixtures and Biodiesel Production. <i>Energy &amp; Fuels</i> , 2010, 24, 4518-4521.	5.1	28
52	<sup>6</sup> Li Diffusion-Ordered NMR Spectroscopy (DOSY) and Applications to Organometallic Complexes. <i>Organic Letters</i> , 2010, 12, 520-523.	4.6	43
53	Isomerization of Allyl Ethers Initiated by Lithium Diisopropylamide. <i>Organic Letters</i> , 2010, 12, 5378-5381.	4.6	46
54	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

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55	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
56	Accurate Formula Weight Determination in Physically Separated Systems by Diffusion Coefficient <sup>2</sup> -Formula Weight Correlation. <i>Organometallics</i> , 2010, 29, 1309-1311.	2.3	20
57	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
58	Internally Referenced Diffusion Coefficient <sup>2</sup> -Formula Weight (D-FW) Analysis of <sup>31</sup> P Diffusion-Ordered NMR Spectroscopy (DOSY). <i>Organic Letters</i> , 2009, 11, 4818-4821.	4.6	51
59	Characterization of Reactive Intermediates by Multinuclear Diffusion-Ordered NMR Spectroscopy (DOSY). <i>Accounts of Chemical Research</i> , 2009, 42, 270-280.	15.6	260
60	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
61	Characterization of a Chiral Enolate Aggregate and Observation of <sup>6</sup> Li <sup>1</sup> H Scalar Coupling. <i>Journal of the American Chemical Society</i> , 2008, 130, 11726-11736.	13.7	45
62	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
63	<sup>13</sup> C INEPT Diffusion-Ordered NMR Spectroscopy (DOSY) with Internal References. <i>Organic Letters</i> , 2008, 10, 909-911.	4.6	59
64	Oxidation of Peptides by Methyl(trifluoromethyl)dioxirane: The Protecting Group Matters. <i>Journal of Organic Chemistry</i> , 2007, 72, 525-531.	3.2	28
65	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
66	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
67	Concerning the Efficient Conversion of Epoxy Alcohols into Epoxy Ketones Using Dioxiranes.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
68	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
69	Density Functional Theory Studies on the Mechanisms of Regioselective Allylic and cis-Vinylic Deprotonation of Allyl Amides and Allylamines. <i>Journal of the American Chemical Society</i> , 2004, 126, 17032-17039.	13.7	7
70	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
71	Synthesis of 2,3-Disubstituted Pyrroles from 3,N-Dilithio-N-(tert-butyl dimethylsilyl)-2-buten-1-amine. <i>Journal of Organic Chemistry</i> , 2002, 67, 32-37.	3.2	18
72	Generation of 1-Azapentadienyl Anion from N-(tert-Butyl dimethylsilyl)-3-buten-1-amine. <i>Journal of Organic Chemistry</i> , 2002, 67, 3915-3918.	3.2	11

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73	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
74	Synthesis and biological activities of the two C(23) epimers of 1 $\beta$ ,23,25-trihydroxy-24-oxo-19-nor-vitamin D <sub>3</sub> : novel analogs of 1 $\beta$ ,23(S),25-trihydroxy-24-oxo-vitamin D <sub>3</sub> , a natural metabolite of 1 $\beta$ ,25-dihydroxyvitamin D <sub>3</sub> . <i>Steroids</i> , 2000, 65, 252-265.	1.8	5
75	Dianion Aggregates Derived from Lithiation of N-Silyl Allylamine. <i>Organic Letters</i> , 2000, 2, 2753-2755.	4.6	22
76	Mechanistic Variations Due to the Solvation State in the Reaction of MeLi in Dimer and Trimer Aggregates with Formaldehyde. <i>Journal of the American Chemical Society</i> , 2000, 122, 12542-12546.	13.7	17
77	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
78	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
79	Mono- and Dilithiation of Primary Amine/Secondary Amine Mixtures: % Transamination, Solvation, and Cocomplexation. <i>Organometallics</i> , 1999, 18, 5620-5626.	2.3	20
80	[3 + 2] Cycloaddition of Allylic Silane with N-Chlorosulfonyl Isocyanate. <i>Bulletin of the Chemical Society of Japan</i> , 1999, 72, 2115-2116.	3.2	17
81	A novel isomerization of 6,6-tetramethylenefulvene to cyclopent-1-enyl cyclopentadiene and its cycloaddition reactions: Synthesis of polycyclic molecular frameworks. <i>Tetrahedron Letters</i> , 1998, 39, 4603-4606.	1.4	2
82	Stereoselective Alkylations in Rigid Systems. Effect of Remote Substituents on $\beta$ -Facial Additions to Lactam Enolates. Stereoelectronic and Steric Effects. <i>Journal of the American Chemical Society</i> , 1998, 120, 7429-7438.	13.7	77
83	Synthesis of [15N,15N- $\epsilon$ ]-N,N, $\epsilon$ , $\epsilon$ -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
84	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
85	Synthesis, Stereochemistry, and Biological Activity of 1 $\beta$ ,23,25-Trihydroxy-24-oxovitamin D <sub>3</sub> , a Major Natural Metabolite of 1 $\beta$ ,25-Dihydroxyvitamin D <sub>3</sub> . <i>Biochemistry</i> , 1997, 36, 9429-9437.	2.5	23
86	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
87	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
88	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
89	Synthese und Struktur eines Komplexes mit den drei anionischen Liganden Enolat, Amid und Halogenid: ein neuer Strukturtyp in der Lithiumchemie. <i>Angewandte Chemie</i> , 1996, 108, 1420-1422.	2.0	2
90	A Triple Anion Complex Containing Enolate, Amide, and Halide: A New Structural Type in Lithium Chemistry. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1322-1324.	4.4	22

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91	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
92	Synthese und Charakterisierung des ersten gemischten Alkalimetallenolats mit Aminliganden: eine neuartige Offene-Stack-Struktur und ihre Bedeutung für das Verständnis der Aldoladdition. <i>Angewandte Chemie</i> , 1995, 107, 1218-1220.	2.0	3
93	Synthesis and Characterization of the First Mixed Alkali Metal Enolate Containing Amine Ligands: A Novel Open-Stack Structure and Its Implications for Aldol Addition. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1117-1119.	4.4	31
94	[4+2] 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
95	Identification of a Unimetal Complex of Bases by <sup>6</sup> Li NMR Spectroscopy and Single-Crystal Analysis. <i>Journal of the American Chemical Society</i> , 1995, 117, 8680-8681.	13.7	36
96	<sup>6</sup> Li and <sup>15</sup> 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
97	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
98	Complexes between Fluorobenzenes and Lithium Hexamethyldisilazide Dimer. <i>Journal of Organic Chemistry</i> , 1994, 59, 1596-1597.	3.2	27
99	Synthesis and reactivity of (indole)Mn(CO) <sub>3</sub> <sup>+</sup> complexes. Electrophilic activation of the indole 4 and 7 positions. <i>Inorganica Chimica Acta</i> , 1993, 211, 1-3.	2.4	33
100	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
101	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
102	Aggregated intermediates in the aldol reaction sequence. Crystal structure of the open dimer of LiTMP·TMEDA. <i>Journal of the American Chemical Society</i> , 1993, 115, 3380-3381.	13.7	99
103	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
104	Studies directed toward the synthesis of the ingenane diterpenes. An unexpected synthesis of trans-bicyclo[5.3.0]decanes. <i>Journal of Organic Chemistry</i> , 1993, 58, 1973-1975.	3.2	8
105	Synthesis, isolation, and structure of an LDA-THF complex. <i>Journal of Organic Chemistry</i> , 1993, 58, 1-3.	3.2	85
106	Characterization of complexes between esters and lithium hexamethyldisilazide. <i>Journal of the American Chemical Society</i> , 1992, 114, 348-350.	13.7	49
107	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
108	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



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109	Isolation and structure determination of pentalenolactones A, B, D, and F. <i>Journal of Organic Chemistry</i> , 1992, 57, 844-851.	3.2	31
110	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
111	Regiospecific synthesis and structural study of some trifluoromethyl substituted dibenzosemibullvalenes. <i>Monatshefte für Chemie</i> , 1992, 123, 1193-1205.	1.8	5
112	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
113	Stereochemistry in nucleophilic vinylic substitution of activated nitro olefins. 2. <i>Journal of Organic Chemistry</i> , 1991, 56, 6725-6727.	3.2	7
114	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
115	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
116	Carbanions of Alkali and Alkaline Earth Cations: (i) Synthesis and Structural Characterization. , 1991, , 1-47.		43
117	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
118	Synthesis of 3-bromo-6-ethenyltetrahydro-2,2,6-trimethyl-2h-pyran. <i>Tetrahedron Letters</i> , 1990, 31, 4257-4260.	1.4	11
119	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
120	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
121	Synthesis and X-Ray Crystal Structure of 3,5-Dibromo-6-hydroxy-6-methyl-2-heptanone. <i>Synthetic Communications</i> , 1989, 19, 2501-2504.	2.1	1
122	Synthesis and [4 + 4] photodimerization of 9-trifluoromethylantracene. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1989, 48, 341-344.	3.9	4
123	Strategy for the synthesis of the C10-C19 portion of amphidinolide-A. <i>Tetrahedron Letters</i> , 1989, 30, 4637-4640.	1.4	22
124	The effect of chromophore transposition on the stereochemical outcome of the intramolecular dioxenone photocycloaddition reaction. <i>Tetrahedron Letters</i> , 1989, 30, 5211-5214.	1.4	7
125	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
126	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



#	ARTICLE	IF	CITATIONS
127	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
128	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
129	Inside-outside stereoisomerism III: The synthesis of trans-bicyclo[4.3.1]decan-10-one+. <i>Tetrahedron Letters</i> , 1988, 29, 4691-4694.	1.4	18
130	Remarkably similar solution and solid-state structures for two divergently reactive lithium enolates derived from vinylogous urethanes. <i>Journal of the American Chemical Society</i> , 1988, 110, 7901-7903.	13.7	21
131	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
132	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
133	Stereochemistry and mechanism of [4 + 2] photocycloaddition of Pummerer's ketone to furan. <i>Journal of the American Chemical Society</i> , 1988, 110, 2305-2306.	13.7	17
134	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
135	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
136	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
137	X-Ray crystal structure determination of a bromomagnesium ketone enolate. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 153.	2.0	22
138	Studies on the synthesis of vitamin B12. 4. <i>Journal of the American Chemical Society</i> , 1986, 108, 1039-1049.	13.7	86
139	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
140	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
141	Reactivity patterns in the reactions of [Rh(CO)2Cl]2 with chelating ketones. <i>Journal of Organometallic Chemistry</i> , 1986, 307, 71-82.	1.8	18
142	Structure of the simple lithium chelate (LiCH2CH2CH2NMe2)4. <i>Journal of Organometallic Chemistry</i> , 1986, 299, 311-317.	1.8	24
143	Selective rearrangements of 4a,5-epoxides of 4,4-dimethyl-1,2,3,4,6,8a-hexahydronaphthalenes.. <i>Tetrahedron Letters</i> , 1985, 26, 3651-3654.	1.4	6
144	X-ray crystal structure of a lithium aldolate - a tetrameric aggregate. <i>Tetrahedron Letters</i> , 1985, 26, 3931-3934.	1.4	58

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145	The PtP(C <sub>6</sub> H <sub>11</sub> ) <sub>3</sub> (C <sub>2</sub> H <sub>4</sub> ) <sub>2</sub> mediated activation of aldehyde C-H bonds via chelate-assisted oxidative addition reactions. <i>Journal of Organometallic Chemistry</i> , 1985, 284, 409-419.	1.8	33
146	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
147	Nucleophilic addition to coordinated cycloheptatriene: a mechanistic and structural study. <i>Organometallics</i> , 1985, 4, 871-877.	2.3	16
148	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
149	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
150	Total synthesis of costatone: a monoterpene from the red seaweed: <i>plocarnium costatum</i> . <i>Tetrahedron Letters</i> , 1984, 25, 5009-5012.	1.4	12
151	Total synthesis and x-ray structure determination of cyanobacterin. <i>Journal of Organic Chemistry</i> , 1984, 49, 735-736.	3.2	37
152	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
153	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
154	Synthesis of costatolide, a halogenated monoterpene from the red alga <i>Plocarnium costatum</i> . <i>Journal of Organic Chemistry</i> , 1983, 48, 1123-1125.	3.2	10
155	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
156	N-aryl sulfonyl hydrazimides - hydrazones of esters. <i>Tetrahedron Letters</i> , 1981, 22, 2731-2734.	1.4	11
157	Boron trihalide-methyl sulfide complexes as convenient reagents for dealkylation of aryl ethers. <i>Tetrahedron Letters</i> , 1980, 21, 3731-3734.	1.4	106
158	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
159	Diaziridines. II. Addition of diaziridines to electrophilic acetylenes. <i>Journal of Organic Chemistry</i> , 1973, 38, 2984-2988.	3.2	30
160	Synthesis and reactions of some 1-(nitroaryl)diaziridines. <i>Journal of Organic Chemistry</i> , 1972, 37, 2980-2983.	3.2	16