

Joseph B Lambert

List of Publications by Year in descending order

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41323

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56687

83
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293
all docs

293
docs citations

293
times ranked

4215
citing authors

#	ARTICLE	IF	CITATIONS
1	Tetrahedron report number 273. Tetrahedron, 1990, 46, 2677-2689.	1.0	405
2	Crystallographic Evidence for a Free Silylium Ion. Science, 2002, 297, 825-827.	6.0	284
3	Silyl Cations in the Solid and in Solution. Organometallics, 1994, 13, 2430-2443.	1.1	252
4	The $\hat{\rho}^2$ Effect of Silicon and Related Manifestations of $\hat{\rho}$ Conjugation. Accounts of Chemical Research, 1999, 32, 183-190.	7.6	247
5	Modern Approaches to Silylium Cations in Condensed Phase. Chemical Reviews, 1995, 95, 1191-1201.	23.0	211
6	Nitrogen-15 Magnetic Resonance Spectroscopy. II. Coupling Constants. Journal of the American Chemical Society, 1964, 86, 5564-5570.	6.6	205
7	Stabilization of positive charge by .beta.-silicon. Journal of the American Chemical Society, 1987, 109, 7838-7845.	6.6	202
8	The Trimesitylsilylium Cation. Angewandte Chemie International Edition in English, 1997, 36, 400-401.	4.4	179
9	A Direct, Qualitative Determination of Nonchair and Distorted-Chair Conformations of Six-Membered Rings. Journal of the American Chemical Society, 1967, 89, 1836-1840.	6.6	158
10	Structural chemistry in solution. R value. Accounts of Chemical Research, 1971, 4, 87-94.	7.6	158
11	The Allyl Leaving Group Approach to Tricoordinate Silyl, Germyl, and Stannyl Cations. Journal of the American Chemical Society, 1999, 121, 5001-5008.	6.6	155
12	Conformational analysis of pentamethylene heterocycles. Chemical Reviews, 1975, 75, 611-626.	23.0	153
13	The Silicate-Mediated Formose Reaction: Bottom-Up Synthesis of Sugar Silicates. Science, 2010, 327, 984-986.	6.0	134
14	The conformational rivalry between the nonbonding electron pair and the proton on nitrogen. Journal of the American Chemical Society, 1967, 89, 3761-3767.	6.6	124
15	Equilibrium Conformations of Thiane 1-Oxide (Pentamethylene Sulfoxide). Journal of Organic Chemistry, 1966, 31, 3429-3431.	1.7	119
16	Carbon-13 chemical shifts of the pentamethylene heterocycles. Journal of the American Chemical Society, 1976, 98, 3778-3783.	6.6	117
17	Tetrakis(pentafluorophenyl)borate: a new anion for silylium cations in the condensed phase. Journal of the Chemical Society Chemical Communications, 1993, , 383.	2.0	110
18	Synthesis and Structure of a Dendritic Polysilane. Angewandte Chemie International Edition in English, 1995, 34, 98-99.	4.4	106

#	ARTICLE	IF	CITATIONS
19	$\hat{\text{I}}^2$ -Silyl and $\hat{\text{I}}^2$ -Germyl Carbocations Stable at Room Temperature. <i>Journal of Organic Chemistry</i> , 1999, 64, 2729-2736.	1.7	104
20	Conformational analysis of selenanes and telluranes. <i>Journal of the American Chemical Society</i> , 1973, 95, 4634-4639.	6.6	93
21	Barriers to rotation about the sulfur-sulfur bond in acyclic disulfides. <i>Journal of the American Chemical Society</i> , 1971, 93, 3822-3823.	6.6	91
22	A comparative study of the chemical analysis of ribs and femurs in woodland populations. <i>American Journal of Physical Anthropology</i> , 1982, 59, 289-294.	2.1	90
23	Pyramidal Atomic Inversion. <i>Topics in Stereochemistry</i> , 0, , 19-105.	2.0	90
24	Preparation of the first tricoordinate silyl cation. <i>Journal of Physical Organic Chemistry</i> , 2001, 14, 370-379.	0.9	89
25	Silicate Complexes of Sugars in Aqueous Solution. <i>Journal of the American Chemical Society</i> , 2004, 126, 9611-9625.	6.6	87
26	A Stable $\hat{\text{I}}^2$ -Silyl Carbocation. <i>Journal of the American Chemical Society</i> , 1996, 118, 7867-7868.	6.6	84
27	The Conformational Preference of the Nonbonding Electron Pair in Piperidine. <i>Journal of the American Chemical Society</i> , 1966, 88, 620-622.	6.6	80
28	.beta. Effect of silicon in the synperiplanar geometry. <i>Journal of the American Chemical Society</i> , 1990, 112, 8120-8126.	6.6	79
29	First-Generation Dendritic Polysilanes. <i>Organometallics</i> , 1996, 15, 615-625.	1.1	79
30	Conformational characterization of simple group VI heterocycles. <i>Journal of the American Chemical Society</i> , 1967, 89, 5921-5924.	6.6	78
31	Interaction of the carbon-germanium or carbon-tin bond with positive charge on a .beta. carbon. <i>Journal of Organic Chemistry</i> , 1988, 53, 5422-5428.	1.7	72
32	The first silylenium ions in solution. <i>Journal of the American Chemical Society</i> , 1988, 110, 2201-2210.	6.6	70
33	Nuclear Magnetic Resonance Spectroscopy. Analysis and Temperature Dependence of the Spectra of Cycloheptatriene and 7,7-Bistrifluoromethylcycloheptatriene ¹ . <i>Journal of the American Chemical Society</i> , 1965, 87, 3896-3899.	6.6	67
34	Bone diagenesis and dietary analysis. <i>Journal of Human Evolution</i> , 1985, 14, 477-482.	1.3	66
35	Carbon-13 and oxygen-17 nuclear magnetic resonance studies of organosulfur compounds: the four-membered ring sulfone effect. <i>Journal of Organic Chemistry</i> , 1980, 45, 4807-4810.	1.7	65
36	Electron microprobe analysis of elemental distribution in excavated human femurs. <i>American Journal of Physical Anthropology</i> , 1983, 62, 409-423.	2.1	65

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37	Nuclear Magnetic Resonance Spectroscopy. Conformational Properties of Cyclobutanes. Variation of Geminal Fluorine- ¹⁹ F Fluorine Chemical-Shift Differences with Temperature ¹ . Journal of the American Chemical Society, 1965, 87, 3884-3890.	6.6	63
38	Response. Science, 1994, 263, 984-985.	6.0	63
39	Computational Evidence for a Free Silylium Ion. Organometallics, 1998, 17, 278-280.	1.1	63
40	Chemical Signatures of Fossilized Resins and Recent Plant Exudates. Angewandte Chemie - International Edition, 2008, 47, 9608-9616.	7.2	63
41	Amber: the Organic Gemstone. Accounts of Chemical Research, 2002, 35, 628-636.	7.6	62
42	Conformational analysis of five-membered rings. Journal of the American Chemical Society, 1974, 96, 6112-6118.	6.6	61
43	Tricoordinate tin cations in solution under ambient conditions. Journal of the Chemical Society Chemical Communications, 1992, , 931.	2.0	61
44	Axial/equatorial proportions for 2-substituted cyclohexanones. Journal of Organic Chemistry, 1993, 58, 7865-7869.	1.7	59
45	The question of vertical or nonvertical participation of silicon .beta. to a cation in the antiperiplanar stereochemistry. Journal of the American Chemical Society, 1993, 115, 1317-1320.	6.6	59
46	Nitrogen inversion in cyclic N-chloroamines and N-methylamines. Journal of the American Chemical Society, 1971, 93, 933-937.	6.6	54
47	Persistence of the 1-axial preference in thianes. Journal of Organic Chemistry, 1972, 37, 377-382.	1.7	52
48	The Kinetics of Intramolecular Reactions from Relaxation Time Measurements. Angewandte Chemie International Edition in English, 1981, 20, 487-500.	4.4	52
49	Nitrogen-15 Magnetic Resonance Spectroscopy. VI. Pyrimidine Derivatives ^{1,2} . Journal of the American Chemical Society, 1965, 87, 5439-5441.	6.6	50
50	Trimethylsilyl and related cations in solution. Organometallics, 1991, 10, 2578-2584.	1.1	50
51	Stabilization of .beta. positive charge by silicon, germanium, or tin. Organometallics, 1991, 10, 2798-2803.	1.1	50
52	Nuclear magnetic resonance in archaeology. Chemical Society Reviews, 2000, 29, 175-182.	18.7	50
53	Diastereotopic groups in silyllithium and germyllithium compounds. Slow inversion about silicon and germanium. Journal of the American Chemical Society, 1978, 100, 157-162.	6.6	49
54	Ring-chain tautomerism in 1,3-diaza and 1,3-oxaza heterocycles. Journal of the American Chemical Society, 1980, 102, 3588-3591.	6.6	49

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55	The Stable Pentamethylcyclopentadienyl Cation. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1429-1431.	7.2	49
56	A Free, Tricoordinate Stannylium Cation. <i>Journal of the American Chemical Society</i> , 2003, 125, 6022-6023.	6.6	49
57	Oxides of 1,3-dithiane and 1,3,5-trithiane. Diamagnetic anisotropy of carbon-sulfur bonds. <i>Journal of the American Chemical Society</i> , 1975, 97, 1468-1473.	6.6	48
58	Ancient human diet from inorganic analysis of bone. <i>Accounts of Chemical Research</i> , 1984, 17, 298-305.	7.6	48
59	General but Discriminating Fluorescent Chemosensor for Aliphatic Amines. <i>Journal of Organic Chemistry</i> , 2006, 71, 1769-1776.	1.7	48
60	Strong Conductance Variation in Conformationally Constrained Oligosilane Tunnel Junctions. <i>Journal of Physical Chemistry A</i> , 2009, 113, 3876-3880.	1.1	48
61	The Stable Pentamethylcyclopentadienyl Cation Remains Unknown Financial support of this work by the CNRS, UCR, RHODIA, and NSF (CHE9983610) is gratefully acknowledged.. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2275.	7.2	47
62	Synthesis and Crystal Structure of a Nanometer-Scale Dendritic Polysilane. <i>Organometallics</i> , 1998, 17, 4904-4909.	1.1	46
63	Dependence of the $\hat{1}^3$ carbon-13 shielding effect on the dihedral angle. <i>Magnetic Resonance in Chemistry</i> , 1981, 17, 265-269.	0.7	44
64	Analysis of North American amber by carbon-13 NMR spectroscopy. <i>Geoarchaeology - an International Journal</i> , 1990, 5, 43-52.	0.7	44
65	ESCA [x-ray photoelectron spectroscopic] study of the sulfur-nitrogen bond in sulfimides. <i>Journal of Organic Chemistry</i> , 1973, 38, 1350-1353.	1.7	43
66	Analysis of excavated bone by atomic absorption. <i>American Journal of Physical Anthropology</i> , 1978, 48, 199-202.	2.1	43
67	Nitrogen-15 Magnetic Resonance Spectroscopy. IV. The Degenerate Bimolecular Exchange of Protons in Ketimines ^{1,2} . <i>Journal of the American Chemical Society</i> , 1965, 87, 5085-5090.	6.6	42
68	Evidence for a silylenium ion in solution. <i>Journal of the American Chemical Society</i> , 1983, 105, 1671-1672.	6.6	42
69	Chlorine NMR studies of ionized and associated silyl perchlorates. <i>Journal of the American Chemical Society</i> , 1988, 110, 6364-6367.	6.6	42
70	Neutral hyperconjugation. <i>Journal of the American Chemical Society</i> , 1992, 114, 10246-10248.	6.6	42
71	Metal-Organic Frameworks from Silicon- and Germanium-Centered Tetrahedral Ligands. <i>Organometallics</i> , 2008, 27, 1464-1469.	1.1	42
72	Nitrogen Inversion without Retarding Factors. <i>Journal of the American Chemical Society</i> , 1969, 91, 7774-7775.	6.6	41

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73	The triphenylsilyl cation. <i>Journal of the American Chemical Society</i> , 1986, 108, 2482-2484.	6.6	41
74	A Novel Family of Ordered, Mesoporous Inorganic/Organic Hybrid Polymers Containing Covalently and Multiply Bound Microporous Organic Hosts. <i>Journal of the American Chemical Society</i> , 2003, 125, 6452-6461.	6.6	41
75	Origin of the chemical-shift isotope effect. Stereochemical evidence. <i>Journal of the American Chemical Society</i> , 1974, 96, 5120-5124.	6.6	39
76	The modes of .beta.-silyl involvement in solvolysis. <i>Journal of the American Chemical Society</i> , 1982, 104, 2020-2022.	6.6	39
77	Factors influencing conformational preferences in cyclohexenes. <i>Journal of the American Chemical Society</i> , 1985, 107, 7978-7982.	6.6	39
78	The Tridurylsilylium and Tridurylstannylum Cations: A Free and Not So Free. <i>Journal of Organic Chemistry</i> , 2001, 66, 8537-8539.	1.7	39
79	The stereochemistry and inversion of trivalent oxygen. <i>Journal of the American Chemical Society</i> , 1968, 90, 1349-1350.	6.6	38
80	Substituent effects in the inversion-rotation process of diphosphines. <i>Journal of the American Chemical Society</i> , 1970, 92, 3093-3097.	6.6	38
81	Recent and fossil resins from New Zealand and Australia. <i>Geoarchaeology - an International Journal</i> , 1993, 8, 141-155.	0.7	38
82	Conformational analysis of 5-thio-D-glucose. <i>Journal of Organic Chemistry</i> , 1981, 46, 3193-3196.	1.7	37
83	Induced metal-ion exchange in excavated human bone. <i>Journal of Archaeological Science</i> , 1985, 12, 85-92.	1.2	37
84	Taxonomic and Chemical Relationships Revealed by Nuclear Magnetic Resonance Spectra of Plant Exudates. <i>Journal of Natural Products</i> , 2005, 68, 635-648.	1.5	37
85	Dependence of the ^{13}C carbon-13 shielding effect on electronegativity. <i>Magnetic Resonance in Chemistry</i> , 1981, 17, 270-277.	0.7	35
86	The stereochemical lability of diphosphines and diarsines. <i>Journal of the American Chemical Society</i> , 1968, 90, 6401-6405.	6.6	34
87	Cyclic sulfimides and sulfoximides. <i>Journal of the American Chemical Society</i> , 1972, 94, 208-214.	6.6	34
88	Nuclear Magnetic Resonance Spectroscopy. Conformational Properties of Cyclobutanes. Variation of Vicinal Hydrogen- ^{19}F Fluorine Coupling Constants with Temperature. <i>Journal of the American Chemical Society</i> , 1965, 87, 3891-3895.	6.6	33
89	Silicon substitution for the stabilization of silicenium ions. <i>Journal of the American Chemical Society</i> , 1976, 98, 5611-5615.	6.6	32
90	Polar bromination and chlorination of cyclopropane. <i>Journal of the American Chemical Society</i> , 1990, 112, 3156-3162.	6.6	32

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91	Factors contributing to the chemical shift of protons adjacent to nitrogen in piperidines. <i>Tetrahedron Letters</i> , 1969, 10, 2023-2026.	0.7	31
92	Inductive enhancement of neighboring group participation. <i>Accounts of Chemical Research</i> , 1979, 12, 317-324.	7.6	31
93	The δ^2 -effect of silicon in the orthogonal geometry. <i>Journal of Organometallic Chemistry</i> , 1996, 521, 203-210.	0.8	31
94	Nitrogen-15 Magnetic Resonance Spectroscopy. V. Oxygen-Nitrogen Compounds. <i>Journal of the American Chemical Society</i> , 1965, 87, 4087-4088.	6.6	30
95	Shape of chair six-membered rings. 4,4-Diphenylcyclohexanone. <i>Journal of the American Chemical Society</i> , 1969, 91, 3567-3571.	6.6	30
96	Protonated digermyl and distannyl ethers with partial germylum and stannylum ion character. <i>Journal of Organometallic Chemistry</i> , 1995, 499, 49-55.	0.8	30
97	Synthese und Struktur eines dendritischen Polysilans. <i>Angewandte Chemie</i> , 1995, 107, 106-108.	1.6	29
98	Two-dimensional silicon-29 inadequate as a structural tool for branched and dendritic polysilanes. <i>Journal of Organometallic Chemistry</i> , 1998, 554, 113-116.	0.8	29
99	Phosphonium ions rather than phosphenium ions from the reaction of secondary phosphines with trityl cation. <i>Journal of Organic Chemistry</i> , 1991, 56, 5960-5962.	1.7	28
100	Steric effects on the configuration at nitrogen in piperidines. <i>Journal of the American Chemical Society</i> , 1972, 94, 3812-3816.	6.6	27
101	An equilibrium between carbene and a metal-carbene complex. Homogeneous catalysis by mercury(II). <i>Journal of the American Chemical Society</i> , 1980, 102, 6615-6616.	6.6	27
102	Vertical and Nonvertical Participation by Sulfur, Selenium, and Tellurium. <i>Chemistry - A European Journal</i> , 2002, 8, 2799.	1.7	27
103	Inorganic analysis of excavated human bone after surface removal. <i>Journal of Archaeological Science</i> , 1991, 18, 363-383.	1.2	26
104	The γ and δ effects of tin. <i>Organometallics</i> , 1993, 12, 697-703.	1.1	26
105	Simple Surfactant-Free Route to Mesoporous Organic-Inorganic Hybrid Silicas Containing Covalently Bound Cyclodextrins. <i>Journal of Organic Chemistry</i> , 2004, 69, 2213-2216.	1.7	26
106	The four-membered-ring chemical shift anomaly. <i>Journal of Organic Chemistry</i> , 1983, 48, 3982-3985.	1.7	25
107	Acid-catalyzed ring-chain tautomerism in 1,3-diazolidines. <i>Journal of Organic Chemistry</i> , 1987, 52, 68-71.	1.7	25
108	Trivalent Silyl Ions. , 0, , 1007-1014.		25

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109	Comparison of methods for the removal of diagenetic material in buried bone. <i>Journal of Archaeological Science</i> , 1990, 17, 453-468.	1.2	25
110	Metal-Organic Frameworks from Dipodal and Tripodal Silicon-Centered Tetrahedral Ligands. <i>Organometallics</i> , 2009, 28, 84-93.	1.1	25
111	π -Electron steric effects on conformational equilibria. <i>Journal of the American Chemical Society</i> , 1976, 98, 4203-4211.	6.6	24
112	Inductive enhancement of aryl participation. <i>Journal of the American Chemical Society</i> , 1977, 99, 3059-3067.	6.6	24
113	Response of acidity and magnetic resonance properties to aryl substitution in carbon acids and derived carbanions: 2- and 3-arylidenes. <i>Journal of Organic Chemistry</i> , 1981, 46, 5125-5132.	1.7	24
114	The Stable Pentamethylcyclopentadienyl Cation This work was supported by the U.S. National Science Foundation (Grant No. CHE-0091162). We thank Charlotte L. Stern for performing the crystal-structure analysis, Yuyang Wu for assistance in obtaining solid-state NMR data, Min Zhao and Stoyan Smoukov for providing ESR data, Alice L. Rodriguez for molecular modeling graphics, and John A. Pople and Mark A. Ratner for important discussions.. <i>Angewandte Chemie</i> , 2002, 114, 1487.	1.6	24
115	Examination of amber and related materials by NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2015, 53, 2-8.	1.1	24
116	Mechanistic partition of the solvolysis of cyclohexyl tosylate. <i>Journal of the American Chemical Society</i> , 1973, 95, 6313-6319.	6.6	23
117	Study of conformational changes induced on substituting NH for O at C(5') of thymidine nucleosides and nucleotides. <i>Journal of the American Chemical Society</i> , 1977, 99, 3486-3491.	6.6	22
118	Increased electron demand in the solvolysis of secondary 2-norbornyl tosylates. <i>Journal of the American Chemical Society</i> , 1978, 100, 2501-2505.	6.6	22
119	Peer Reviewed: X-Ray Photoelectron Spectroscopy and Archaeology.. <i>Analytical Chemistry</i> , 1999, 71, 614A-620A.	3.2	22
120	A stable π -silyl carbocation with allyl conjugation. <i>Journal of Physical Organic Chemistry</i> , 2002, 15, 667-671.	0.9	22
121	Dendritic polysilanes. <i>Journal of Organometallic Chemistry</i> , 2003, 685, 113-121.	0.8	21
122	Solid Phase Host-Guest Properties of Cyclodextrins and Calixarenes Covalently Attached to a Polysilsesquioxane Matrix. <i>Chemistry of Materials</i> , 2003, 15, 131-145.	3.2	21
123	Conformational Studies of Cyclobutane Systems. <i>Journal of the American Chemical Society</i> , 1963, 85, 3710-3711.	6.6	20
124	Group VI-halogen adducts. Trisubstituted vs. tetrasubstituted structures in solution. <i>Journal of the American Chemical Society</i> , 1972, 94, 8172-8178.	6.6	20
125	The chemical-shift difference between the β axial and equatorial protons in pentamethylene heterocycles. <i>Journal of the American Chemical Society</i> , 1977, 99, 5689-5693.	6.6	20
126	Kinetik intramolekularer Reaktionen aus Relaxationszeitmessungen. <i>Angewandte Chemie</i> , 1981, 93, 553-566.	1.6	20

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127	The Interaction of π Orbitals with a Carbocation over Three σ Bonds. <i>Journal of Organic Chemistry</i> , 1996, 61, 1940-1945.	1.7	20
128	Torsional distortions in trimesitylsilanes and trimesitylgermanes. <i>Journal of Organometallic Chemistry</i> , 1998, 568, 21-31.	0.8	20
129	Distortion analysis of thio sugars. <i>Carbohydrate Research</i> , 1983, 115, 33-40.	1.1	19
130	Corner bromination of cyclopropane. <i>Journal of the American Chemical Society</i> , 1984, 106, 792-793.	6.6	19
131	Characterization of Plant Exudates by Principal-Component and Cluster Analyses with Nuclear Magnetic Resonance Variables. <i>Journal of Natural Products</i> , 2010, 73, 1643-1648.	1.5	19
132	The Inversion of Diphosphines. <i>Journal of the American Chemical Society</i> , 1966, 88, 3669-3670.	6.6	18
133	The ambiguity of ring and atomic inversion in n-chloropiperidine. <i>Tetrahedron Letters</i> , 1968, 9, 6187-6190.	0.7	18
134	Nuclear magnetic resonance examination of organic dianions. <i>Journal of the American Chemical Society</i> , 1982, 104, 5857-5862.	6.6	18
135	Classification of Modern Resins by Solid State Nuclear Magnetic Resonance Spectroscopy. <i>Bioorganic Chemistry</i> , 1999, 27, 409-433.	2.0	18
136	Statement. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2278-2278.	7.2	18
137	Proton Nuclear Magnetic Resonance Characterization of Resins from the Family Pinaceae. <i>Journal of Natural Products</i> , 2007, 70, 188-195.	1.5	18
138	Qualitative structural chemistry in solution. The complete r-value analysis of six-membered rings. <i>Tetrahedron Letters</i> , 1967, 8, 4755-4758.	0.7	17
139	Tricyclo[5.1.0.0 ^{3,5}]octan-2-ols. <i>Journal of Organic Chemistry</i> , 1971, 36, 2941-2947.	1.7	17
140	Bond localization approach to the carbon analog of the Claisen rearrangement. Thermolysis of 4-aryl-1-butenes. <i>Journal of Organic Chemistry</i> , 1979, 44, 1480-1485.	1.7	17
141	Addition of diphenylmethylene to 1,2-dichloroethylenes. New chemical evidence for a carbene singlet-triplet equilibrium. <i>Journal of the American Chemical Society</i> , 1980, 102, 6108-6113.	6.6	17
142	Competition between modes of solvolytic participation in 3-cyclopentenyl tosylate. <i>Journal of the American Chemical Society</i> , 1983, 105, 1954-1958.	6.6	17
143	TWO-DIMENSIONAL LATTICE OF SUPERBOATS COMPOSED OF SILICON-CENTERED TETRAHEDRA. <i>Journal of Physical Organic Chemistry</i> , 1997, 10, 229-232.	0.9	17
144	The C ₅ SiMe ₇ ⁺ cation: pyramidal, bicyclic, or cyclohexadienyl?. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 2559-2565.	1.5	17

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145	Characterization of Eucalyptus and Chemically Related Exudates by Nuclear Magnetic Resonance Spectroscopy. Australian Journal of Chemistry, 2007, 60, 862.	0.5	17
146	Distinctions among Conifer Exudates by Proton Magnetic Resonance Spectroscopy. Journal of Natural Products, 2007, 70, 1283-1294.	1.5	17
147	Fundamentals in Tin Chemistry. , 0, , 17-283.		17
148	Enhanced homoallylic participation. Bicyclo[2.2.2]octyl systems. Journal of the American Chemical Society, 1971, 93, 3952-3956.	6.6	16
149	Cope rearrangement of 9-methylenebarbaralane. Complete line shape analysis. Journal of Organic Chemistry, 1973, 38, 1210-1215.	1.7	16
150	Homoallylic participation in cyclohexen-4-yl tosylate. Journal of the American Chemical Society, 1977, 99, 1542-1546.	6.6	16
151	Configurational stability of the unsubstituted cyclopropyl radical in the Hunsdiecker reaction. Journal of Organic Chemistry, 1977, 42, 1254-1256.	1.7	16
152	Arithmetic manipulation of coupling constants to obtain torsional angles. Magnetic Resonance in Chemistry, 1977, 9, 621-626.	0.7	16
153	The degenerate side chain approach to the carbon analog of the Claisen rearrangement. Formation of nine-membered rings by a sterically accelerated ene reaction. Journal of the American Chemical Society, 1979, 101, 1793-1800.	6.6	16
154	Electronic interaction between the methyl group and trigonal carbon. Journal of the American Chemical Society, 1980, 102, 6659-6665.	6.6	16
155	Response to Comment on "The Silicate-Mediated Formose Reaction: Bottom-Up Synthesis of Sugar Silicates" Science, 2010, 329, 902-902.	6.0	16
156	Chemical shifts in methylcyclohexane. Magnetic Resonance in Chemistry, 1969, 1, 345-349.	0.7	15
157	Evidence concerning the bishomocyclobutenium dication as a solvolytic intermediate. Journal of the American Chemical Society, 1971, 93, 2994-3001.	6.6	15
158	Stereochemistry of the solvolysis of cyclohexyl tosylate. Journal of the American Chemical Society, 1972, 94, 5132-5133.	6.6	15
159	Generality of the temperature dependence of carbon-13 shieldings as a probe for conformational or structural equilibria. Journal of the American Chemical Society, 1981, 103, 6398-6402.	6.6	15
160	Scope, limitations, and mechanism of the homoconjugate electrophilic addition of hydrogen halides. Journal of Organic Chemistry, 1985, 50, 1291-1295.	1.7	15
161	Interaction of the carbon-tin bond with beta positive charge. Tetrahedron Letters, 1988, 29, 2551-2554.	0.7	15
162	Analysis of Mexican Amber by Carbon-13 NMR Spectroscopy. Advances in Chemistry Series, 1989, , 381-388.	0.6	15

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163	Amber and Jet From Tipu, Belize. <i>Ancient Mesoamerica</i> , 1994, 5, 55-60.	0.2	15
164	Dynamics of Five-Membered Rings in the Solid State by NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 1994, 116, 6167-6174.	6.6	15
165	Resin from Africa and South America: Criteria for Distinguishing Between Fossilized and Recent Resin Based on NMR Spectroscopy. <i>ACS Symposium Series</i> , 1996, , 193-202.	0.5	15
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