

# Richard David Gandour

## List of Publications by Citations

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161  
ext. papers

2,387  
ext. citations

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4.29  
L-index

#	Paper	IF	Citations
149	Molecular enzymology of carnitine transfer and transport. <i>BBA - Proteins and Proteomics</i> , <b>2001</b> , 1546, 21-43		251
148	On the importance of orientation in general base catalysis by carboxylate. <i>Bioorganic Chemistry</i> , <b>1981</b> , 10, 169-176	5.1	140
147	Solid-state structural chemistry of lariat ether and BiBLE cation complexes: metal-ion identity and coordination number determine cavity size. <i>Journal of the American Chemical Society</i> , <b>1986</b> , 108, 4078-4088	16.4	102
146	An equation utilizing empirically derived substituent constants for the prediction of vicinal coupling constants in substituted ethanes. <i>Magnetic Resonance in Chemistry</i> , <b>1985</b> , 23, 335-343	2.1	69
145	Carnitine acetyltransferase: A review of its biology, enzymology, and bioorganic chemistry. <i>Bioorganic Chemistry</i> , <b>1988</b> , 16, 307-334	5.1	60
144	The identity of 4-bromo-3-phenylisocoumarin. A facile preparation by bromolactonization of alkyl 2-(2-phenylethynyl)benzoates. <i>Journal of Organic Chemistry</i> , <b>1984</b> , 49, 558-559	4.2	52
143	Evidence for cryptand-like behavior in bibracchial lariat ether (BiBLE) complexes obtained from x-ray crystallography and solution thermodynamic studies. <i>Journal of the American Chemical Society</i> , <b>1987</b> , 109, 3716-3721	16.4	47
142	Chemistry and revised structure of suvanine. <i>Journal of Organic Chemistry</i> , <b>1988</b> , 53, 570-575	4.2	46
141	Unequivocal evidence for sidearm participation in crystalline lariat ether complexes. <i>Journal of the American Chemical Society</i> , <b>1983</b> , 105, 6717-6718	16.4	46
140	Steroidal lariat ethers: a new class of macrocycles and the crystal structure of N-(cholesteryloxycarbonyl)aza-15-crown-5. <i>Journal of Organic Chemistry</i> , <b>1987</b> , 52, 2963-2968	4.2	45
139	A convenient resolution of long-chain alkyl epoxides with Jacobsen's salen(Co)III(OAc) catalysts. <i>Tetrahedron: Asymmetry</i> , <b>1998</b> , 9, 1843-1846		44
138	Conformational analysis of charged flexible molecules in water by application of a new Karplus equation combined with MM2 computations: conformations of carnitine and acetylcarnitine. <i>Journal of the American Chemical Society</i> , <b>1986</b> , 108, 7141-7147	16.4	43
137	π-(substituted)-4,13-diaza-18-crown-6 derivatives having pi-donor-group-sidearms: correlation of thermodynamics and solid state structures. <i>Tetrahedron Letters</i> , <b>1988</b> , 29, 3025-3028	2	41
136	Peptide side-arm derivatives of lariat ethers and bibracchial lariat ethers: syntheses, cation binding properties, and solid state structural data. <i>Journal of Organic Chemistry</i> , <b>1989</b> , 54, 937-947	4.2	39
135	Crystal structure of the 2:1 acetonitrile complex of 18-crown-6. <i>Journal of Inclusion Phenomena</i> , <b>1988</b> , 6, 73-78		32
134	Synthesis and structures of stilbene cycles. 2. Low-valent titanium-induced ring closures of aromatic bis(carbonyls). <i>Journal of Organic Chemistry</i> , <b>1984</b> , 49, 1627-1634	4.2	30
133	Antimicrobial activity of long-chain, water-soluble, dendritic tricarboxylato amphiphiles. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2007</b> , 59, 451-8	5.1	29

132	Development of environmentally friendly nonchrome conversion coating for electrogalvanized steel. <i>Surface and Coatings Technology</i> , <b>2004</b> , 188-189, 762-767	4.4	29
131	On the solid-state conformations of 18-crown-6 complexes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>1992</b> , 12, 313-332		29
130	Probing the mechanism of TBAF-catalyzed deacylation of cellulose esters. <i>Biomacromolecules</i> , <b>2013</b> , 14, 1388-94	6.9	28
129	Comparing micellar, hemolytic, and antibacterial properties of di- and tricarboxyl dendritic amphiphiles. <i>Bioorganic and Medicinal Chemistry</i> , <b>2011</b> , 19, 2918-26	3.4	27
128	A structure-activity study of spermicidal and anti-HIV properties of hydroxylated cationic surfactants. <i>Bioorganic and Medicinal Chemistry</i> , <b>2002</b> , 10, 3599-608	3.4	27
127	Efficient synthesis of C-pivot lariat ethers. 2-(Alkoxyethyl)-1,4,7,10,13,16-hexaoxacyclooctadecanes. <i>Journal of Organic Chemistry</i> , <b>1983</b> , 48, 1116-1120	4.2	26
126	Ester side-arm participation in a crystalline lariat ether-sodium bromide complex. <i>Journal of the American Chemical Society</i> , <b>1984</b> , 106, 7244-7245	16.4	26
125	Antibacterial activities of dendritic amphiphiles against nontuberculous mycobacteria. <i>Tuberculosis</i> , <b>2012</b> , 92, 173-81	2.6	25
124	Structural requirements for intramolecular proton transfers. <i>Tetrahedron Letters</i> , <b>1974</b> , 15, 295-298	2	25
123	Synthesis, critical micelle concentrations, and antimycobacterial properties of homologous, dendritic amphiphiles. Probing intrinsic activity and the "cutoff" effect. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 1645-50	8.3	23
122	Fingerprinting a transition-structure guest by a building-block approach with an incremental series of catalytic hosts. Structural requirements for glyme and .alpha.,.omega.-dimethoxyalkane catalyses in N-methylbutylaminolysis and butylaminolysis of 4-nitrophenyl acetate in chlorobenzene. <i>Journal of Organic Chemistry</i> , <b>1992</b> , 57, 55-61	4.2	23
121	The remarkable catalytic power of glymes in ester aminolysis carried out in nonpolar media. <i>Journal of the American Chemical Society</i> , <b>1980</b> , 102, 2865-2866	16.4	23
120	Structural requirements for glyme catalysis in butylaminolysis of aryl acetates in chlorobenzene. Identification of -OCH <sub>2</sub> CH <sub>2</sub> OCH <sub>2</sub> CH <sub>2</sub> OCH <sub>2</sub> CH <sub>2</sub> O- as the optimal subunit for catalysis. <i>Journal of Organic Chemistry</i> , <b>1991</b> , 56, 2821-2826	4.2	21
119	Ring-sidearm cooperativity in cation inclusion complexes of 12-membered ring lariat ethers: effect of sidearm chain length and a clarification of long-sidearm binding strengths. <i>Journal of Organic Chemistry</i> , <b>1988</b> , 53, 5652-5657	4.2	21
118	Comparing anti-HIV, antibacterial, antifungal, micellar, and cytotoxic properties of tricarboxylato dendritic amphiphiles. <i>Bioorganic and Medicinal Chemistry</i> , <b>2009</b> , 17, 3162-8	3.4	20
117	Synthesis and antimicrobial evaluation of water-soluble, dendritic derivatives of epimeric 5alpha-cholestan-3-amines and 5alpha-cholestan-3-yl aminoethanoates. <i>Steroids</i> , <b>2007</b> , 72, 615-26	2.8	20
116	An N,N-Bis(benzimidazolylpicolinoyl)piperazine (BT-11): A Novel Lanthionine Synthetase C-Like 2-Based Therapeutic for Inflammatory Bowel Disease. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 10113-10126	8.3	19
115	Syntheses, Structures, and Enzymic Evaluations of Conformationally Constrained, Analog Inhibitors of Carnitine Acetyltransferase: (2R,6R)-, (2S,6S)-, (2R,6S)-, and (2S,6R)-6-(Carboxylatomethyl)-2-(hydroxymethyl)-2,4,4-trimethylmorpholinium. <i>Journal of Organic Chemistry</i> , <b>1995</b> , 60, 6688-6695	4.2	19

114	Crystal structures of carnitine and acetylcarnitine zwitterions: A structural hypothesis for mode of action. <i>Bioorganic Chemistry</i> , <b>1985</b> , 13, 197-208	5.1	19
113	Coupling of proton motions in catalytic activated complexes. Model potential-energy surfaces for hydrogen-bond chains. <i>Journal of the American Chemical Society</i> , <b>1974</b> , 96, 6967-6979	16.4	19
112	Initial Reaction Probability and Dynamics of Ozone Collisions with a Vinyl-Terminated Self-Assembled Monolayer. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 25343-25350	3.8	18
111	Molecules for intramolecular recognition. Synthesis and structures of diaryl- and aryl-naphthylethylenes. <i>Tetrahedron Letters</i> , <b>1990</b> , 31, 6753-6756	2	18
110	A structural model of a short carboxyl-imidazole hydrogen bond with a nearly centrally located proton: implications for the Asp-His dyad in serine proteases. <i>Journal of the American Chemical Society</i> , <b>1990</b> , 112, 7816-7817	16.4	18
109	Synthesis and structure of stilbene crowns.. <i>Tetrahedron Letters</i> , <b>1982</b> , 23, 1639-1642	2	18
108	(+)-Hemipalmitoylcarnitinium strongly inhibits carnitine palmitoyltransferase-I in intact mitochondria. <i>Journal of Medicinal Chemistry</i> , <b>1993</b> , 36, 237-42	8.3	17
107	Active-site probes of carnitine acyltransferases. Inhibition of carnitine acetyltransferase by hemiacetylcarnitinium, a reaction intermediate analogue. <i>Biochemical and Biophysical Research Communications</i> , <b>1986</b> , 138, 735-41	3.4	17
106	Acylcarnitine analogues as topical, microbicidal spermicides. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1999</b> , 9, 2545-8	2.9	16
105	A host for the water dimer. <i>Journal of the American Chemical Society</i> , <b>1990</b> , 112, 8984-8985	16.4	16
104	Proton inventory of phthalic anhydride hydrolysis. Comments on analysis of proton-inventory data. <i>Journal of Organic Chemistry</i> , <b>1980</b> , 45, 1733-1737	4.2	16
103	Catalysis of ester aminolysis by macrocyclic ionophores. <i>Journal of the American Chemical Society</i> , <b>1978</b> , 100, 3608-3609	16.4	16
102	Exploratory Studies With BT-11: A Proposed Orally Active Therapeutic for Crohn's Disease. <i>International Journal of Toxicology</i> , <b>2016</b> , 35, 521-9	2.4	15
101	TBAF-catalyzed deacylation of cellulose esters: reaction scope and influence of reaction parameters. <i>Carbohydrate Polymers</i> , <b>2013</b> , 98, 692-8	10.3	14
100	Synthesis and antimicrobial activity of symmetrical two-tailed dendritic tricarboxylato amphiphiles. <i>Bioorganic and Medicinal Chemistry</i> , <b>2007</b> , 15, 3842-53	3.4	13
99	Inhibition of acetylcholinesterase by hemicholiniums, conformationally constrained choline analogues. Evaluation of aryl and alkyl substituents. Comparisons with choline and (3-hydroxyphenyl)trimethylammonium. <i>Chemical Research in Toxicology</i> , <b>1992</b> , 5, 411-8	4	13
98	Hemipalmitoylcarnitinium, a strong competitive inhibitor of purified hepatic carnitine palmitoyltransferase. <i>Archives of Biochemistry and Biophysics</i> , <b>1988</b> , 267, 515-20	4.1	13
97	Molecular mechanics assessment of the configurational statistics of polyoxyethylene. <i>Journal of Computational Chemistry</i> , <b>1984</b> , 5, 241-247	3.5	13

96	Proton bridges in enzyme catalysis. <i>Faraday Symposia of the Chemical Society</i> , <b>1975</b> , 10, 145		13
95	Syntheses, structures, and enzymatic evaluations of hemiacylcarnitiniums, a new class of carnitine acyltransferase inhibitors. <i>Journal of Organic Chemistry</i> , <b>1992</b> , 57, 3426-3431	4.2	12
94	Homogeneous nanodiscs of native membranes formed by stilbene-maleic-acid copolymers. <i>Nanoscale</i> , <b>2020</b> , 12, 16705-16709	7.7	12
93	Two polymorphs of 3,5-dinitrobenzoic acid. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1991</b> , 47, 895-898		11
92	A 'Siamese' inhibitor: chiral recognition of a prochiral bilaterally symmetric molecule by carnitine acetyltransferase. <i>Journal of the American Chemical Society</i> , <b>1987</b> , 109, 7915-7916	16.4	11
91	Coupling of phenyllithium with trans- and cis-1-chloro-2-butene. <i>Journal of Organic Chemistry</i> , <b>1970</b> , 35, 269-270	4.2	11
90	Coupling reaction of phenyllithium with allylic chlorides. Influence of methyl substituents on the distribution of products. <i>Journal of Organic Chemistry</i> , <b>1971</b> , 36, 2099-2105	4.2	11
89	Anti-HIV activities of precisely defined, semirigid, carboxylated alternating copolymers. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 6354-63	8.3	10
88	Remarkably regioselective deacylation of cellulose esters using tetraalkylammonium salts of the strongly basic hydroxide ion. <i>Carbohydrate Polymers</i> , <b>2014</b> , 111, 25-32	10.3	10
87	Synchrotron SAX and WAX diffraction study of a hydrated very long-chain, dendritic amphiphile + DPPC mixture. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2007</b> , 54, 160-4	6	10
86	Homologous, long-chain alkyl dendrons form homologous thin films on silver oxide surfaces. <i>Chemical Communications</i> , <b>2005</b> , 5053-5	5.8	10
85	Spermicidal, anti-HIV, and micellar properties of di- and trihydroxylated cationic surfactants. <i>Tetrahedron</i> , <b>2002</b> , 58, 45-54	2.4	10
84	Facile Synthesis of Methyl 7-Methoxy-2-naphthoate. An Improved Procedure for Monomethylation of 2,7-Naphthalenediol. <i>Synlett</i> , <b>1991</b> , 1991, 405-406	2.2	10
83	Preparation of crystalline sodium norcarnitine: an easily handled precursor for the preparation of carnitine analogs and radiolabeled carnitine. <i>Analytical Biochemistry</i> , <b>1987</b> , 162, 459-62	3.1	10
82	Transition-state structure for a conformation change of ribonuclease. <i>Bioorganic Chemistry</i> , <b>1975</b> , 4, 392-406	4.0	10
81	Secondary isotope effects in intramolecular catalysis. Mono(p-bromophenyl) succinate hydrolysis. <i>Journal of Organic Chemistry</i> , <b>1978</b> , 43, 1705-1708	4.2	10
80	Synthesis of Optically Pure Cyclic Lipoidal Ammonium Salts and Evaluation of Inhibition of Protein Kinase C. <i>Journal of Organic Chemistry</i> , <b>1996</b> , 61, 9379-9384	4.2	9
79	Complexation by -(3,6,9-trioxadecyl)monoaza-12-crown-4 lariat ether: a Balabash complex of a potassium cation by a synthetic macrocycle containing a total of only seven donor atoms. <i>Tetrahedron Letters</i> , <b>1985</b> , 26, 4035-4038	2	9

78	Hydrolytic Decomposition of S-Aroylthiooximes: Effect of pH and N-Arylidene Substitution on Reaction Rate. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 13363-13369	4.2	9
77	N-(cyclohexanecarboxyl)-O-phospho-L-serine, a minimal substrate for the dual-specificity protein phosphatase IphP. <i>Archives of Biochemistry and Biophysics</i> , <b>2000</b> , 376, 439-48	4.1	8
76	Hemicholinium and related lipids: inhibitors of protein kinase C. <i>Journal of Medicinal Chemistry</i> , <b>1993</b> , 36, 177-8	8.3	8
75	Molecules for intramolecular recognition. 2. Synthesis and structures of dinaphthyl- and aryl-naphthylethylenes.. <i>Tetrahedron Letters</i> , <b>1992</b> , 33, 6431-6434	2	8
74	Diisopropylammonium chloride. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1990</b> , 46 ( Pt 2), 336-8		8
73	Effect of methylglyoxal bis(guanylhydrazone) on hepatic, heart and skeletal muscle mitochondrial carnitine palmitoyltransferase and beta-oxidation of fatty acids. <i>Biochemical Pharmacology</i> , <b>1987</b> , 36, 447-52	6	8
72	Crystal structure of dicyclohexano-18-crown-6 potassium 2-nitrophenoxide. <i>Journal of Inclusion Phenomena</i> , <b>1987</b> , 5, 379-383		8
71	Selective Modulation of Carnitine Long-chain Acyltransferase Activities. <i>Advances in Experimental Medicine and Biology</i> , <b>2002</b> , 103-109	3.6	7
70	Solid-state chemistry of polycarboxylate crown ether cation complexes: cooperative binding of water and metal ions by flexible chorands. <i>Canadian Journal of Chemistry</i> , <b>1993</b> , 71, 239-253	0.9	7
69	Tribacchial lariat ethers, $\text{TriBLEs}$ , based on 4,10,16-triaza-18-crown-6: an apparent limit to sidearm contributions in lariat ether molecules. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1989</b> , 608-610		7
68	Effect of carnitine acetyltransferase inhibition on rat hepatocyte metabolism. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1991</b> , 1095, 17-22	4.9	7
67	Cation-binding properties and molecular structure of the crystalline complex (aza-12-crown-4) <sub>2</sub> . <i>Journal of Organic Chemistry</i> , <b>1987</b> , 52, 1128-1133	4.2	7
66	Molecular structures of 4,13-diaza-18-crown-6 derivatives having glycyl-glycine sidearms: two potassium iodide complexes. <i>Tetrahedron Letters</i> , <b>1987</b> , 28, 1753-1755	2	7
65	Mo1691 Lanthionine Synthetase C-Like Receptor 2 (LANCL2): A Novel Therapeutic Target for Inflammatory Bowel Disease. <i>Gastroenterology</i> , <b>2015</b> , 148, S-686-S-687	13.3	6
64	Computational study of HIV gp120 as a target for polyanionic entry inhibitors: Exploiting the V3 loop region. <i>PLoS ONE</i> , <b>2018</b> , 13, e0190658	3.7	6
63	Change in the mode of inhibition of acetylcholinesterase by (4-nitrophenyl)sulfonyl derivatives of conformationally constrained choline analogues. <i>Chemical Research in Toxicology</i> , <b>1998</b> , 11, 19-25	4	6
62	Polycarboxylate crown ethers from meso-tartaric acid. <i>Canadian Journal of Chemistry</i> , <b>1991</b> , 69, 12-19	0.9	6
61	Crystal structures of isomeric (2,6-dioxacyclohexyl)phenols: models for preassociation complexes in acid-catalyzed solvolysis of acetals. <i>Journal of Organic Chemistry</i> , <b>1986</b> , 51, 1987-1991	4.2	6

60	A comparison of the relative energies of isomeric intermediates formed in electrophilic, radical, and nucleophilic aromatic substitution reactions. <i>Tetrahedron</i> , <b>1980</b> , 36, 1001-1009	2.4	6
59	Multiproton catalysis in the hydrolysis of 3,5-dinitrospirin. <i>Journal of the American Chemical Society</i> , <b>1974</b> , 96, 2231-4	16.4	6
58	Conformationally-Dependent Free Energies of Solvation. An Explanation for the Large Group-Transfer Potential of Acetylcarnitine. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 7587-7588	16.4	5
57	The role of 4,4'-trimethylene-dipyridine flexibility in the construction of hybrid networks templated on aromatic alcohols. <i>Inorganica Chimica Acta</i> , <b>2008</b> , 361, 2439-2446	2.7	5
56	Stereoisomeric acylamidomorpholinium carnitine analogues: selective inhibitors of carnitine palmitoyltransferase I and II. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1999</b> , 9, 3099-102	2.9	5
55	Captands: Macropolycyclic hosts via crown ether capping reactions. <i>Tetrahedron Letters</i> , <b>1990</b> , 31, 1101-1104	11.04	5
54	Optimizations in the preparation of the first benzimidazolyl salicylic acid derivative. An efficient one-pot synthesis of 2-[(2'-carbomethoxyphenoxy)methyl]benzimidazole. <i>Journal of Organic Chemistry</i> , <b>1991</b> , 56, 2260-2262	4.2	5
53	Intramolecular hemiacetals. The acid-base-catalyzed ring-chain interconversion of 2-substituted 2-hydroxy-4,4-dimethylmorpholinium cations in aqueous solution. <i>Acta Chemica Scandinavica</i> , <b>1991</b> , 45, 558-66		5
52	Dendritic amphiphiles strongly affect the biophysical properties of DPPC bilayer membranes. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 1810-8	3.4	4
51	Toward a design of affordable, topical microbicides: acylcarnitine analogues. <i>Current Pharmaceutical Design</i> , <b>2005</b> , 11, 3757-67	3.3	4
50	Evaluation of (2S,4S)/(2R,4R) and (2S,4R)/(2R,4S) 6,6-N,N-dimethyl-2-methyl-2-oxo-1,3-dioxo-4-hexadecyl-6,aza-2-phosphacyclooctane bromide as inhibitors for protein kinase C, carnitine octanoyltransferase, and carnitine palmitoyltransferase. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1994</b> , 4, 883-886	2.9	4
49	The structure of the products when bromoacetoarenes react with 3-(N,N-dimethylamino)propan-1-ol.. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1992</b> , 2, 157-160	2.9	4
48	1-Ethynyl-2,7-dimethoxynaphthalene: an example of hydrogen bonding between an ethynylic hydrogen and a methoxyl oxygen. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1990</b> , 46 ( Pt 9), 1720-3		4
47	Comparison of (+)- and (-)-hemipalmitoylcarnitinium as inhibitors of hepatic mitochondrial carnitine palmitoyltransferases in diabetic rats. <i>Medicinal Chemistry</i> , <b>2005</b> , 1, 445-53	1.8	4
46	Mass spectrometric studies on 4-aryl-1-cyclopropyl-1,2-dihydropyridinyl derivatives: an examination of a novel fragmentation pathway. <i>Journal of Mass Spectrometry</i> , <b>2006</b> , 41, 1643-53	2.2	3
45	Two polymorphs of 2-bis[(2-hydroxyphenylmethylene)amino]methylphenol. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1988</b> , 44 ( Pt 6), 1086-9		3
44	Solvent isotope effects in intramolecular catalysis: Acyl transfer reactions of 4-nitrophenyl 5-nitrosalicylate in aqueous tris buffer. <i>Bioorganic Chemistry</i> , <b>1979</b> , 8, 45-58	5.1	3
43	Chapter 26. Intramolecular Catalysis in Medicinal Chemistry. <i>Annual Reports in Medicinal Chemistry</i> , <b>1972</b> , 7, 279-288	1.6	3

42	A flash photolytic investigation of the photosolvolysis of $\beta$ -(2,6-dimethoxyphenyl)vinyl chloride. Characterization of the 2,6-dimethoxyacetophenone keto-enol system. <i>Canadian Journal of Chemistry</i> , <b>1993</b> , 71, 1964-1969	0.9	2
41	1,3-Bis(2,6-dimethoxyphenyl)butenyne. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1991</b> , 47, 2729-2731		2
40	2-Ethynyl-1,3-dimethoxybenzene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1990</b> , 46, 331-332		2
39	PREPARATION OF MONOALLYL ETHYLENE GLYCOLS. <i>Organic Preparations and Procedures International</i> , <b>1983</b> , 15, 152-153	1.1	2
38	Alterations in CPT-1 mRNA and fatty acid profile in hepatic cell lines in response to treatment with t10,c12- or c9,t11-conjugated linoleic acid. <i>European Journal of Lipid Science and Technology</i> , <b>2008</b> , 110, 16-22	3	1
37	[2-(1-Aza-4,7,10-trioxacyclododecyl)ethyl]dimethylammonium iodide. An intramolecular trifurcated hydrogen bond. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1991</b> , 47, 893-895		1
36	Methyl 2-[(2,6-dimethoxyphenyl)ethynyl]benzoate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1991</b> , 47, 2727-2729		1
35	Methyl 8-[(2,6-dimethoxyphenyl)ethynyl]-7-methoxy-2-naphthoate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1992</b> , 48, 936-938		1
34	Methyl 8-[(2,7-dimethoxynaphthyl)ethynyl]-7-methoxy-2-naphthoate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1992</b> , 48, 1538-1540		1
33	(R)-2-hydroxy-3-iodo-2-methylpropyl 4-nitrobenzenesulfonate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1993</b> , 49 ( Pt 8), 1507-9		1
32	Molecular recognition in carnitine acyltransferases. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>1989</b> , 7, 39-51		1
31	Mechanism of Second-Order Buffer Catalysis in the Hydrolysis of Methoxymethyl Benzenesulfonate. <i>Chemistry Letters</i> , <b>1990</b> , 19, 273-276	1.7	1
30	Intramolecular Reactions and the Relevance of Models <b>1978</b> , 529-552		1
29	Methyl 7-methoxy-2-naphthoate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1991</b> , 47, 2226-2227		0
28	Ethynylenebis(2-methoxybenzene). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1993</b> , 49, 1833-1834		0
27	2,7-Dimethoxynaphthalene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1989</b> , 45 ( Pt 8), 1255-6		0
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