

Tsonko Kolev

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Preparation and spectral properties of europium hydrogen squarate microcrystals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 194, 189-193.	3.9	2
2	Comparing of the crystal structure and spectroscopic properties of some stilbazolium dyes with enlarged π -conjugated system I. Chromophores with p -dimethylamino group. <i>Dyes and Pigments</i> , 2017, 136, 919-929.	3.7	11
3	New structural motif of hydrogensquarate anions in the presence of dl-Serinium cation. Spectral and structural elucidation. <i>Journal of Molecular Structure</i> , 2015, 1102, 235-241.	3.6	4
4	The 1:1 Proton-Transfer Compounds of N,N -dimethyl-4 -[(E)-2-(4-pyridinyl)vinyl]aniline with 3-Nitrophthalic and Perchloric acids. <i>Journal of Chemical Crystallography</i> , 2015, 45, 86-93.	1.1	0
5	Synthesis, crystal structure, and spectroscopic properties of new stilbazolium salt with enlarged π -conjugated system. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 108, 211-222.	3.9	11
6	New Au (III), Pt (II) and Pd (II) Complexes with Pentapeptide Glycylglycyl-L-Methionyl-Glycyl-Glycine and Their Interaction with Calf Thymus DNA. <i>Protein and Peptide Letters</i> , 2010, 17, 228-237.	0.9	5
7	Crystal Structure of 1-Methyl-4-[2-(4-hydroxyphenyl)ethenyl]pyridinium hydrogensquarate. <i>X-ray Structure Analysis Online</i> , 2010, 26, 25-26.	0.2	1
8	Two novel violurate and squarate salts of cinchonine – Structures and physical properties. <i>Journal of Molecular Structure</i> , 2010, 965, 89-97.	3.6	3
9	Structural, spectroscopic and theoretical study of novel ephedrinum salt. <i>Journal of Molecular Structure</i> , 2010, 971, 8-11.	3.6	5
10	Spectroscopic and structural elucidation of amino acid derivatives and small peptides: experimental and theoretical tools. <i>Amino Acids</i> , 2010, 38, 45-50.	2.7	39
11	Polarized spectroscopic elucidation of N-acetyl-L-cysteine, L-cysteine, L-cystine, L-ascorbic acid and a tool for their determination in solid mixtures. <i>Amino Acids</i> , 2010, 38, 295-304.	2.7	12
12	2-(Phenylethyl)ammonium hydrogensquarate hemihydrate: crystal structure, solid-state IR-spectroscopic and theoretical characterization. <i>Amino Acids</i> , 2010, 39, 309-314.	2.7	4
13	Crystal structure and spectroscopic elucidation of 3-phenylpyridinium hydrogensquarate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 172-176.	3.9	2
14	Tyrammonium 4-nitrophthalate dihydrate: structural and spectroscopic elucidation. <i>Amino Acids</i> , 2009, 36, 29-33.	2.7	13
15	Synthesis, spectroscopic and structural elucidation of sympathomimetic amine, tyraminium dihydrogenphosphate. <i>Amino Acids</i> , 2009, 36, 185-193.	2.7	14
16	Synthesis, spectroscopic and structural elucidation of tyrosinamide hydrogensquarate monohydrate. <i>Amino Acids</i> , 2009, 36, 195-201.	2.7	9
17	L-Leucinamide hydrogensquarate: spectroscopic and structural elucidation. <i>Amino Acids</i> , 2009, 37, 693-701.	2.7	8
18	Hydrogenoxalate and squarate salts of (E)-4-(hydroxyiminomethyl)-pyridine – Crystal structures, spectroscopic and theoretical elucidation. <i>Journal of Molecular Structure</i> , 2009, 921, 163-171.	3.6	11

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19	Novel nonlinear optical materials based on dihydropyridine organic chromophore deposited on mica substrate. <i>Journal of Materials Science: Materials in Electronics</i> , 2009, 20, 1073-1077.	2.2	14
20	Kinetics and mechanism of the catalytic epoxidation of cyclohexene with tert-butyl hydroperoxide in the presence of molybdenumâ€“suarate complex. <i>Reaction Kinetics and Catalysis Letters</i> , 2009, 97, 51-57.	0.6	1
21	Benzamidinium acetylsalicylate: crystal structure of the first salt with acetylsalicylate anion. <i>Structural Chemistry</i> , 2009, 20, 533-536.	2.0	8
22	Tryptammonium (2S,3S)-hydrogentartrate monohydrate [Struct Chem (2008) 19:147â€“154]: redetermination at 110ÅK and re-refinement against room temperature data. <i>Structural Chemistry</i> , 2009, 20, 565-567.	2.0	4
23	Novel pyridylâ€“substituted coumarin and its perchlorate saltâ€“ crystal structure and spectroscopic properties. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 726-734.	1.9	1
24	New structural motifs and properties of squaric acid anions in the presence of the l-lysinium counterion. <i>Journal of Molecular Structure</i> , 2009, 919, 246-254.	3.6	30
25	Polymorphs of 4-(dihydroxymethyl)pyridinium hydrogensquarate â€“ Crystal structures and spectroscopic properties. <i>Journal of Molecular Structure</i> , 2009, 931, 45-49.	3.6	15
26	Structural elucidation, optical, magnetic and nonlinear optical properties of oxystyryl dyes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 71, 1857-1864.	3.9	8
27	Esters of 1-coumarinylbenzylphosphonic acidâ€“IR-spectroscopic and theoretical elucidation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 72, 280-284.	3.9	2
28	Crystal structures and spectroscopic properties of ester amide and diamide of squaric acid with prolinamide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 72, 502-509.	3.9	14
29	Anyles of 4-benzoylpyridine â€“ Crystal structure and spectroscopic properties. <i>Dyes and Pigments</i> , 2009, 82, 95-101.	3.7	13
30	New Aspects on the Origin of Color in the Solid State. Coherently Shifting of the Protons in Violurate Crystals. <i>Crystal Growth and Design</i> , 2009, 9, 3348-3352.	3.0	32
31	Self-Assembly of Hydrogensquarates: Crystal Structures and Properties. <i>Journal of Physical Chemistry A</i> , 2009, 113, 3088-3095.	2.5	58
32	Crystal structure and spectroscopic properties of 4-acetaminopyridine and its protonated form. <i>Polish Journal of Chemical Technology</i> , 2009, 11, 35-40.	0.5	1
33	Stabilization of Neutral NH ₂ -R-COOH Form of the Antihypertensive Peptides L-Valyl-L-Prolyl-L-Proline and L-Isoleucyl-L-Prolyl-L-Proline. <i>Protein and Peptide Letters</i> , 2009, 16, 112-115.	0.9	3
34	Determination of cephalosporins in solid binary mixtures by polarized IR- and Raman spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 201-204.	2.8	20
35	Crystal structure, optical and magnetic properties of the bis(perchlorate) of 3,4-diaminopyridine. <i>Structural Chemistry</i> , 2008, 19, 13-20.	2.0	12
36	Crystal structure and spectroscopic properties of ammonium hydrogensquarate squaric acid monohydrate. <i>Structural Chemistry</i> , 2008, 19, 101-107.	2.0	17

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37	Are there preferable conformations of the tryptammonium cation in the solid state? Crystal structure and solid-state linear polarized IR-spectroscopic study of tryptammonium hydrogentartarate. <i>Structural Chemistry</i> , 2008, 19, 147-154.	2.0	6
38	Ethyl esters of coumarin-3-phosphonic acid and 1,2-benzoxaphosphorine-3-carboxylic acid: crystal structure, spectroscopic and theoretical elucidation. <i>Structural Chemistry</i> , 2008, 19, 975-982.	2.0	7
39	Synthesis, spectroscopic analysis and structure deduction of gold(III), palladium(II) and platinum(II) complexes with the tripeptide glycyl-l-phenylalanyl-glycine. <i>Transition Metal Chemistry</i> , 2008, 33, 911-919.	1.4	13
40	Synthesis, spectroscopic, structural and theoretical characterization of hydrogensquarate and mononuclear Au(III)-complex of dipeptide phenylalanyltyrosine. <i>Journal of Molecular Structure</i> , 2008, 885, 104-110.	3.6	7
41	The aggregation of the merocyanine dyes, depending of the type of the counterions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 70, 1087-1096.	3.9	12
42	Spectroscopic and structural elucidation of 4-dimethylaminopyridine and its hydrogensquarate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 695-702.	3.9	50
43	Monoclinic and triclinic polymorphs of 2-[5,5-dimethyl-3-[2-(2,4,6-trimethoxyphenyl)vinyl]cyclohex-2-enylidene}malononitrile. Solid-state linear-polarized IR-spectroscopy, DFT calculations and vibrational analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 786-793.	3.9	5
44	Spectroscopic and structural elucidation of merocyanine dye Part A: <i>Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 847-853.	3.9	10
45	Determination of phenacetin and salophen analgetics in solid binary mixtures with caffeine by infrared linear dichroic and Raman spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 46, 267-273.	2.8	17
46	The crystal structure and optical properties of 1-methyl-4-[2-(4-hydroxyphenyl)ethenyl]pyridinium dihydrogenphosphate: New aspects on crystallographic disorder and its effect on polarized solid-state IR spectra. <i>Dyes and Pigments</i> , 2008, 79, 7-13.	3.7	29
47	Nonlinear optical properties of pyridinium-betaines of squaric acid: Experimental and theoretical study. <i>Chemical Physics</i> , 2008, 348, 45-52.	1.9	30
48	Quantification of the push-pull character of the isophorone chromophore as a measure of molecular hyperpolarizability for NLO applications. <i>Tetrahedron Letters</i> , 2008, 49, 1323-1327.	1.4	24
49	Synthesis, spectroscopic, thermal and structural elucidation of 5-amino-2-methoxypyridine ester amide of squaric acid ethyl ester: A new material with an infinite pseudo-layered structure and manifested NLO application. <i>Journal of Molecular Structure</i> , 2008, 875, 372-381.	3.6	14
50	Spectroscopic and structural elucidation of alanyl-containing dipeptides and their hydrogensquarates. <i>Journal of Molecular Structure</i> , 2008, 877, 79-88.	3.6	4
51	Synthesis, spectroscopic and theoretical study of isoquinoline alkaloid dehydrosalsolinol base and its triacetylated derivative. <i>Journal of Molecular Structure</i> , 2008, 878, 1-9.	3.6	1
52	Benzamidinium d-glucuronate: Spectroscopic and structural elucidation. <i>Journal of Molecular Structure</i> , 2008, 879, 30-39.	3.6	3
53	Spectroscopic and structural elucidation of 3,4-diaminopyridine and its hydrogentartarate salt: Crystal structure of 3,4-diaminopyridinium hydrogentartarate dihydrate. <i>Journal of Molecular Structure</i> , 2008, 881, 146-155.	3.6	25
54	Bis(tryammonium) sulfate dihydrate: Crystal structure, solid-state IR-spectroscopic and theoretical characterization. <i>Journal of Molecular Structure</i> , 2008, 888, 138-144.	3.6	4

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55	Solid-state linear polarized IR-spectroscopy of croconic and rhodizonic acids. <i>Open Chemistry</i> , 2008, 6, 393-399.	1.9	8
56	On the Origin of the Color in the Solid State. Crystal Structure and Optical and Magnetic Properties of 4-Cyanopyridinium Hydrogensquarate Monohydrate. <i>Journal of Physical Chemistry A</i> , 2008, 112, 2899-2905.	2.5	48
57	Copper(II) complexes with hydroxyl-containing dipeptides glycyl- <i>L</i> -serine and glycyl- <i>L</i> -seryl- <i>L</i> -tyrosine. <i>Journal of Coordination Chemistry</i> , 2008, 61, 1897-1905.	2.2	7
58	New Au(III), Pt(II) and Pd(II) complexes with glycyl-containing homopeptides. <i>Journal of Coordination Chemistry</i> , 2008, 61, 3534-3548.	2.2	17
59	Substituted Esters of Coumarin-3-phosphonic Acid – Linear-Polarized IR-Spectroscopic Elucidation. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 2998-3012.	1.6	2
60	Structural and Spectroscopic Elucidation of Tetrapeptide Glycyl- <i>L</i> -Prolyl-Glycyl-Glycine and Its Hydrogensquarate. <i>Protein and Peptide Letters</i> , 2008, 15, 713-718.	0.9	2
61	(±)-Ethyl 6,7-dimethoxy-1-(1 <i>H</i> -pyrrol-2-yl)-1,2,3,4-tetrahydroisoquinoline-2-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1796-o1796.	0.2	0
62	An Au(III) complex of glycyl- <i>S</i> -serine: a linear polarized IR and 1H- and 13C-NMR investigation. <i>Journal of Coordination Chemistry</i> , 2007, 60, 109-115.	2.2	17
63	2-Amino-4-nitroaniline, a Known Compound with Unexpected Properties. <i>Journal of Physical Chemistry A</i> , 2007, 111, 10084-10089.	2.5	24
64	IR-LD spectral and theoretical analysis of <i>L</i> -tyrosinamide hydrochloride monohydrate. <i>Journal of Molecular Structure</i> , 2007, 828, 195-200.	3.6	0
65	Solid-state linear polarized IR-spectroscopic and theoretical analysis of methioninamide ester amide of squaric acid diethyl ester. <i>Journal of Molecular Structure</i> , 2007, 829, 65-73.	3.6	4
66	Influence of intermolecular hydrogen bonding on IR-spectroscopic properties of (R)-(α)-1-phenylglycinium hydrogen squarate monohydrate in solid-state. IR-LD, Raman spectroscopy and theoretical study. <i>Journal of Molecular Structure</i> , 2007, 846, 139-146.	3.6	11
67	Linear-dichroic infrared spectral (IR-LD) analysis of codeine and its derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 67, 196-201.	3.9	4
68	2-(Indol-3-yl)ethylammonium dihydrogenphosphate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o179-o181.	0.2	0
69	Benzamidinium dihydrogenphosphate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o1016-o1018.	0.2	0
70	4-Phenylpyridinium 3-carboxy-2,3-dihydroxypropanoate dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o2511-o2511.	0.2	0
71	The pyridinium-betaine of squaric acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3259-o3259.	0.2	2
72	1,2,3,4-Tetrahydroisoquinolinium hydrogensquarate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3353-o3354.	0.2	2

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73	3,4-Diaminopyridinium hydrogen squarate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3356-o3356.	0.2	6
74	Cyclohexylammonium hydrogensquarate hemihydrate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4852-o4852.	0.2	3
75	1,1,1-Trichloro-3-(1-phenethylaminoethylidene)-pentane-2,4-dione synthesis, spectroscopic, theoretical and structural elucidation. Journal of Physical Organic Chemistry, 2007, 20, 1108-1113.	1.9	3
76	Spectroscopic, theoretical and structural characterization of hydrogensquarates of l-threonyl-l-serine and l-serine. Amino Acids, 2007, 33, 719-725.	2.7	24
77	L-Argininamidium bis(hydrogensquarate). Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, o299-o300.	0.4	6
78	Codeinone. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o255-o257.	0.2	1
79	L-Prolinamidium hydrogensquarate. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o463-o465.	0.2	5
80	4-Acetyl-N-methylaniline. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o774-o776.	0.2	1
81	L-Methioninamide ester amide of squaric acid diethyl ester. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o1390-o1392.	0.2	4
82	Sodium hydrogensquarate monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m1359-m1361.	0.2	3
83	Spectral and structural study of two acceptor-substituted pyridinium-betaines of squaric acid: Promising chromophores for nonlinear optical applications. Chemical Physics, 2006, 324, 489-496.	1.9	16
84	6-O-acetylcodeine and its hydrogensquarate: Linear-dichroic infrared (IR-LD) spectroscopy. Journal of Molecular Structure, 2006, 794, 138-141.	3.6	11
85	Solid-state IR-LD spectroscopy of codeine and N-norcodeine derivatives. Open Chemistry, 2006, 4, 533-542.	1.9	18
86	Crystal structure, IR-LD spectroscopic, theoretical and vibrational analysis of valinamide ester amide of squaric acid diethyl ester. Structural Chemistry, 2006, 17, 491-499.	2.0	10
87	Solid-state IR-LD spectroscopic and theoretical analysis of glycine-containing peptides and their hydrochlorides. Biopolymers, 2006, 82, 587-596.	2.4	43
88	Solid-state IR-LD spectroscopic and theoretical analysis of arginine-containing peptides. Biopolymers, 2006, 83, 39-45.	2.4	35
89	Epoxidation of alkenes in the presence of molybdenum-squarate complexes as novel catalysts. Applied Catalysis A: General, 2005, 281, 157-166.	4.3	29
90	2-(3-Benzoyl-1-pyridinio)-3,4-dioxocyclobutenolate. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o213-o215.	0.4	7

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91	2-{3-[(E)-(3,4-Dimethoxyphenyl)ethenyl]-5,5-dimethylcyclohex-2-enylidene}malononitrile. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o550-o552.	0.2	5
92	6-O-Acetylcodeine. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o2582-o2584.	0.2	2
93	L-Tyrosinamide hydrochloride monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o3819-o3821.	0.2	1
94	1-(Aminocarbonyl)ethylammonium hydrogensquarate monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o4292-o4294.	0.2	3
95	DFT and experimental studies of the structure and vibrational spectra of curcumin. International Journal of Quantum Chemistry, 2005, 102, 1069-1079.	2.0	359
96	Preparation and use of novel molybdenum-containing organic complexes as catalysts in the epoxidation of cyclohexene. Journal of Molecular Catalysis A, 2004, 207, 5-13.	4.8	4
97	3-(4-Hydroxystyryl)-1,1-dimethylcyclohex-3-en-5-one. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o31-o32.	0.2	0
98	(R)-2-[(2-Ethoxy-3,4-dioxocyclobut-1-en-1-yl)amino]-3-phenylpropanamide hemihydrate. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o634-o636.	0.2	2
99	4-Phenylpyridinium hydrogensquarate. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o956-o957.	0.2	4
100	4-Hydroxy-3,5-dimethoxybenzaldehyde (syringaldehyde). Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o1387-o1388.	0.2	4
101	4-Methoxypyridinium betaine of squaric acid. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o1449-o1450.	0.2	6
102	Synthesis and Spectral and Structural Elucidation of Some Pyridinium Betaines of Squaric Acid: Potential Materials for Nonlinear Optical Applications. Advanced Functional Materials, 2004, 14, 799-805.	14.9	35
103	Experimental and computational studies of the structure and vibrational spectra of 4-dimethylamino pyridinium-betaine of squaric acid. Journal of Molecular Structure, 2004, 691, 241-248.	3.6	23
104	Preparation and use of novel molybdenum-containing organic complexes as catalysts in the epoxidation of cyclohexene. Journal of Molecular Catalysis A, 2003, 195, 83-94.	4.8	22
105	Zwitterionic 2-guanidinium-1-aminocarboxylate monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, o447-o449.	0.2	3
106	N-Butyl-4-[2-(3,4-dihydroxyphenyl)vinyl]pyridinium chloride. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, o1788-o1789.	0.2	0
107	Bis(phenylguanidinium) carbonate monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2002, 58, o111-o113.	0.2	1
108	4-Dimethylamino-4- ϵ -nitrobenzophenone. Acta Crystallographica Section E: Structure Reports Online, 2002, 58, o867-o868.	0.2	1

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109	2-[5,5-Dimethyl-3-(2-p-tolyl-vinyl)-cyclohex-2-enylidene]-malononitrile. Acta Crystallographica Section E: Structure Reports Online, 2002, 58, o1093-o1094.	0.2	1
110	2-{3-[2-(2,4-Dimethoxyphenyl)vinyl]-5,5-dimethylcyclohex-2-enylidene}malononitrile. Acta Crystallographica Section E: Structure Reports Online, 2002, 58, o1172-o1173.	0.2	3
111	4-Dimethylaminopyridinium-1-squarate. Acta Crystallographica Section E: Structure Reports Online, 2002, 58, o1267-o1268.	0.2	6
112	2-{3-[2-(4-Hydroxyphenyl)vinyl]-5,5-dimethylcyclohex-2-en-1-ylidene}malononitrile. Acta Crystallographica Section E: Structure Reports Online, 2001, 57, o561-o562.	0.2	20
113	2-{3-[2-(1H-Indol-3-yl)vinyl]-5,5-dimethylcyclohex-2-enylidene}malononitrile. Acta Crystallographica Section E: Structure Reports Online, 2001, 57, o760-o761.	0.2	2
114	Triclinic form of 2-{5,5-dimethyl-3-[2-(2,4,6-trimethoxyphenyl)vinyl]cyclohex-2-enylidene}malononitrile. Acta Crystallographica Section E: Structure Reports Online, 2001, 57, o966-o967.	0.2	3
115	Monoclinic form of 2-{5,5-dimethyl-3-[2-(2,4,6-trimethoxyphenyl)vinyl]cyclohex-2-enylidene}malononitrile. Acta Crystallographica Section E: Structure Reports Online, 2001, 57, o964-o965.	0.2	3
116	2-{5,5-Dimethyl-3-[2-(2-methoxyphenyl)vinyl]cyclohex-2-enylidene}malononitrile. Acta Crystallographica Section E: Structure Reports Online, 2001, 57, o1166-o1167.	0.2	3
117	Ammonium hydrogen squarateâ€“water (3/2). Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 110-112.	0.4	3
118	Some molybdenum-containing chelating ion-exchange resins (polyampholites) as catalysts for the epoxidation of alkenes by organic hydroperoxides. Journal of Molecular Catalysis A, 2000, 154, 121-129.	4.8	22
119	Structure and nonlinear electrical properties of squaric acid derivatives: a theoretical study of the conformation and deprotonation effects. Computational and Theoretical Chemistry, 2000, 528, 151-159.	1.5	27
120	Vibrational spectra of 3-benzylidenephthalide and its 18O-labelled derivative. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1999, 55, 2477-2484.	3.9	0
121	Vibrational spectra of 2-phenyl-indane-1,3-dione, its isotopic labelled derivatives and the corresponding carbanions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1998, 54, 1083-1090.	3.9	3
122	Vibrational assignment of para-dimethylaminobenzil and its 18O-substituted derivative. Journal of Molecular Structure, 1997, 408-409, 409-412.	3.6	0
123	Vibrational assignment of N-benzylphthalimide and 15N-benzylphthalimide. Journal of Molecular Structure, 1995, 349, 377-380.	3.6	1
124	Vibrational assignment of in- and out-of-plane modes of some aromatic and arylaliphatic ketones. Journal of Molecular Structure, 1995, 349, 381-384.	3.6	16
125	Infrared Spectra of Benzophenone-Ketyls. Effects of Meta- and Para-Substituents on the $\nu_{\text{C}=\text{O}}$ Frequencies. Correlation Of $\nu_{\text{C}=\text{O}}$ Of Substituted Benzophenone-ketyls With The Hueckel $\rho_{\text{C}=\text{O}}$ Bond Order. Spectroscopy Letters, 1993, 26, 67-78.	1.0	8
126	Vibrational Assignment of N-Phenylphthalimide and ¹⁵ N-Phenylphthalimide. Spectroscopy Letters, 1993, 26, 207-225.	1.0	2

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127	Vibrational Spectra of 2,2'-Pyridil and 2,2'-Pyridil- ¹⁸ O and Assignment of Infrared and Raman Bands. Spectroscopy Letters, 1990, 23, 1331-1345.	1.0	4