

# Bojidarka B Ivanova

## List of Publications by Year in descending order

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161  
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docs citations

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#	ARTICLE	IF	CITATIONS
1	Crystallographic and theoretical study of the atypical distorted octahedral geometry of the metal chromophore of zinc(II) bis((1R,2R)-1,2-diaminocyclohexane) dinitrate. <i>Journal of Molecular Structure</i> , 2022, 1248, 131488.	1.8	5
2	Mass spectrometric stochastic dynamic 3D structural analysis of mixture of steroids in solution – Experimental and theoretical study. <i>Steroids</i> , 2022, 181, 109001.	0.8	7
3	Stochastic dynamic quantitative and 3D structural matrix assisted laser desorption/ionization mass spectrometric analyses of mixture of nucleosides. <i>Journal of Molecular Structure</i> , 2022, 1260, 132701.	1.8	5
4	Electrospray ionization stochastic dynamic mass spectrometric 3D structural analysis of Zn <sup>II</sup> ion containing complexes in solution. <i>Inorganic and Nano-Metal Chemistry</i> , 2022, 52, 1407-1429.	0.9	3
5	Stochastic Dynamic Electrospray Ionization Mass Spectrometric Quantitative Analysis of Metronidazole in Human Urine. <i>Analytical Chemistry Letters</i> , 2022, 12, 322-348.	0.4	8
6	3D structural analysis of isomers of benzaldehydes and benzoic acids and their base catalysed C=C coupled derivatives under electrospray ionization conditions – mass spectrometric stochastic dynamic and quantum chemical approaches. <i>Journal of Molecular Structure</i> , 2020, 1199, 127022.	1.8	1
7	Stochastic dynamic mass spectrometric quantification of steroids in mixture – Part II. <i>Steroids</i> , 2020, 164, 108750.	0.8	11
8	Electrospray ionization mass spectrometric solvate cluster and multiply charged ions: a stochastic dynamic approach to 3D structural analysis. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	6
9	Stochastic Dynamic Mass Spectrometric Approach to Quantify Reserpine in Solution. <i>Analytical Chemistry Letters</i> , 2020, 10, 703-721.	0.4	11
10	Stochastic dynamic electrospray ionization mass spectrometric diffusion parameters and 3D structural determination of complexes of Ag <sup>I</sup> ion – Experimental and theoretical treatment. <i>Journal of Molecular Liquids</i> , 2019, 292, 111307.	2.3	12
11	A mass spectrometric stochastic dynamic diffusion approach to selective quantitative and 3D structural analyses of native cyclodextrins by electrospray ionization and atmospheric pressure chemical ionization methods. <i>Bioorganic Chemistry</i> , 2019, 93, 103308.	2.0	8
12	Noncentrosymmetric organic crystals of barbiturates as potential nonlinear optical phores: experimental and theoretical analyses. <i>Chemical Papers</i> , 2019, 73, 2821-2844.	1.0	5
13	Stochastic dynamic electrospray ionization mass spectrometric diffusion parameters and 3D structural analysis of coordination species of copper(II) ion with glycyllhomopentapeptide and its dimeric associates. <i>Journal of Molecular Liquids</i> , 2019, 282, 70-87.	2.3	10
14	A stochastic dynamic mass spectrometric diffusion method and its application to 3D structural analysis of the analytes. <i>Reviews in Analytical Chemistry</i> , 2019, 38, .	1.5	12
15	3D structural analysis of copper(II) complex of glycine – Experimental mass spectrometric and theoretical quantum chemical approach. <i>Journal of Molecular Structure</i> , 2019, 1179, 192-204.	1.8	13
16	Quantitative correlations between collision induced dissociation mass spectrometry coupled with electrospray ionization or atmospheric pressure chemical ionization mass spectrometry – Experiment and theory. <i>Journal of Molecular Structure</i> , 2018, 1157, 492-512.	1.8	8
17	Cation-π-complex of Ag(I) ion with 1H-indole-5-carboxylic acid – Structural analysis and energetics of the M-L bonds. <i>Inorganica Chimica Acta</i> , 2018, 471, 219-222.	1.2	6
18	On the [2+2] cycloaddition reaction of configurationally locked polyenes – An experimental and theoretical study. <i>Journal of Molecular Structure</i> , 2018, 1170, 90-104.	1.8	1

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19	Experimental and theoretical mass spectrometric quantification of diffusion parameters and 3D structural determination of ions of L-tryptophyl-L-tryptophan in electrospray ionization conditions in positive operation mode. <i>Journal of Molecular Structure</i> , 2018, 1173, 848-864.	1.8	6
20	Organosilver(I) and organozinc(II) catalysed synthesis of quaterphenyls – Experimental and theoretical treatment. <i>Journal of Organometallic Chemistry</i> , 2017, 851, 160-183.	0.8	1
21	On the nature of the coordination bonding of metal–organics for ions with the d 10 electronic configuration – Experimental and theoretical analyses. <i>Polyhedron</i> , 2017, 137, 256-264.	1.0	9
22	Quantitative collision induced mass spectrometry of substituted piperazines – A correlative analysis between theory and experiment. <i>Journal of Molecular Structure</i> , 2017, 1149, 243-256.	1.8	10
23	Collision-induced thermochemistry of reactions of dissociation of glycyll-homopeptides – An experimental and theoretical analysis. <i>Biopolymers</i> , 2017, 107, 80-89.	1.2	7
24	Behaviour of complexes of f-elements in the environment – An experimental and theoretical analysis. <i>Journal of Molecular Structure</i> , 2017, 1127, 199-211.	1.8	3
25	Binding affinity of terrestrial and aquatic humics toward organic xenobiotics. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 498-510.	3.3	6
26	Molecular and environmental factors governing non-covalent bonding interactions and conformations of phosphorous functionalized I <sup>3</sup> -cyclodextrin hydrate systems. <i>International Journal of Biological Macromolecules</i> , 2016, 87, 263-272.	3.6	4
27	Environmental modeling of uranium interstitial compositions of non-stoichiometric oxides: experimental and theoretical analysis. <i>Environmental Geochemistry and Health</i> , 2016, 38, 1051-1066.	1.8	3
28	Quantitation of phenyl-amide and phthalimide fungicide formulations in solid-state via UV-MALDI mass spectrometry – matrix effects in soils. <i>Journal of Soils and Sediments</i> , 2015, 15, 917-925.	1.5	3
29	Solid-state UV-MALDI mass spectrometric quantitation of fluroxypyr and triclopyr in soil. <i>Environmental Geochemistry and Health</i> , 2015, 37, 557-574.	1.8	3
30	Quinoxalines as potent selective CRFRs ligands for monitoring and brain diagnostic. <i>Bioorganic Chemistry</i> , 2015, 58, 53-64.	2.0	2
31	Solid-state determination of hop bitter acids in beer by UV-MALDI Orbitrap mass spectrometry. <i>Journal of Food Measurement and Characterization</i> , 2014, 8, 343-355.	1.6	2
32	Adsorption of uranium composites onto saltrock oxides – experimental and theoretical study. <i>Journal of Environmental Radioactivity</i> , 2014, 135, 75-83.	0.9	15
33	Solid-state UV-MALDI-MS assay of transition metal dithiocarbamate fungicides. <i>Environmental Science and Pollution Research</i> , 2014, 21, 1163-1177.	2.7	8
34	Uranyl-water-containing complexes: solid-state UV-MALDI mass spectrometric and IR spectroscopic approach for selective quantitation. <i>Environmental Science and Pollution Research</i> , 2014, 21, 1548-1563.	2.7	6
35	Raman Spectroscopic and Mass Spectrometric Determination of Aflatoxins. <i>Food Analytical Methods</i> , 2014, 7, 242-256.	1.3	7
36	Simultaneous quantitation of naturally occurring insecticides, acaricides, and piscicides in rapeseed oil by UV-MALDI mass spectrometry. <i>Journal of Food Measurement and Characterization</i> , 2014, 8, 15-28.	1.6	4

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37	Evodiamine and rutaecarpine alkaloids as highly selective transient receptor potential vanilloid 1 agonists. <i>International Journal of Biological Macromolecules</i> , 2014, 65, 314-324.	3.6	22
38	Quantitation of Heterogeneous Formulations of Morpholine-Type Fungicides and Surfactants in Polluted Soils. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	1
39	Macromolecular ensembles of cyclodextrin crystallohydrates and clathrates – experimental and theoretical gas – and condense phase study. <i>International Journal of Biological Macromolecules</i> , 2014, 64, 383-391.	3.6	10
40	UV-MALDI mass spectrometric quantitation of uracil based pesticides in fruit soft drinks along with matrix effects evaluation. <i>Ecotoxicology and Environmental Safety</i> , 2014, 100, 233-241.	2.9	10
41	Silver(I) and zinc(II) organometallic intermediates, catalysing coupling reactions of polysubstituted benzoic acids – Experimental and theoretical study. <i>Chemical Engineering Journal</i> , 2013, 232, 118-127.	6.6	6
42	Heptachlorepoxydes: theoretical versus experimental study of the embedded samples in the matrixes of organic crystals. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 76, 415-426.	0.9	2
43	Physical properties and inclusion interactions of new stilbazolium salts: experimental versus theoretical study. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 76, 75-85.	1.6	0
44	Novel pyrrolo-quinazolino-quinoline analogues of the natural alkaloids and their inclusion molecular complexes in the native cyclodextrins: experimental versus theoretical study. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 76, 87-98.	1.6	6
45	Optical and nonlinear optical properties of new Schiff’s bases: experimental versus theoretical study of inclusion interactions. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 75, 211-221.	1.6	14
46	Substituted benzo[ <i>i</i> ]phenanthridines as promising topoisomerase-I non-camptothecin targeting agents: an experimental and theoretical study. <i>Medicinal Chemistry Research</i> , 2013, 22, 5204-5217.	1.1	5
47	Molecular design, synthesis and physical properties of novel Cytisine-derivatives – Experimental and theoretical study. <i>Journal of Molecular Structure</i> , 2013, 1034, 173-182.	1.8	4
48	Molecular design and physical properties of highly functionalized configurationally locked polyenes – an experimental and theoretical study. <i>Journal of Materials Chemistry C</i> , 2013, 1, 6278-6298.	2.7	3
49	Quantitative determination of flavins – complex analyte/matrix effects in the presence of food colour additives. <i>Analytical Methods</i> , 2013, 5, 5134.	1.3	0
50	Factors stabilizing the gas-phase ionic species of crystals of organic salts – Experimental and theoretical study. <i>Journal of Molecular Structure</i> , 2013, 1036, 226-234.	1.8	3
51	Organosilver( <i>i</i> ) catalyzed C–N coupling reactions – phenazines. <i>Catalysis Science and Technology</i> , 2013, 3, 1129-1135.	2.1	7
52	Organometallic Sn(II) catalyzing adducts of substituted benzaldehydes. <i>Chemical Engineering Journal</i> , 2013, 226, 113-122.	6.6	1
53	A novel UV-MALDI-MS analytical approach for determination of halogenated phenyl-containing pesticides. <i>Ecotoxicology and Environmental Safety</i> , 2013, 91, 86-95.	2.9	8
54	SYNTHESIS, ISOLATION, STRUCTURAL AND SPECTROSCOPIC STUDY OF THIOCAMPTOTHECINS AND THEIR SILVER(I) COMPLEXES – THEORETICAL AND EXPERIMENTAL ELUCIDATION. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013, , .	0.8	0

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55	Crystal structures and physical properties of 5-sulfosalicylate and violurate metal-organic crystals – experimental versus theoretical study. <i>Journal of Coordination Chemistry</i> , 2012, 65, 2055-2073.	0.8	2
56	Gas-phase stabilized metal complexes of cyclic peptides – theoretical versus experimental study. <i>Journal of Coordination Chemistry</i> , 2012, 65, 1548-1568.	0.8	6
57	Substituted <i>boga</i> -alkaloids and their model receptor interactions – Theoretical and experimental studies. <i>Natural Product Research</i> , 2012, , 1-6.	1.0	0
58	Matrix-assisted laser desorption/ionization mass spectrometric analysis of herbicides in dication-containing organic crystals. <i>Analytical Methods</i> , 2012, 4, 4360-4367.	1.3	9
59	Coordination ability of silver(I) with antimycins and actinomycins – Properties of the T-shaped chromophores. <i>Polyhedron</i> , 2012, 38, 235-244.	1.0	7
60	Matrixes in UV-MALDI mass spectrometry – crystals of organic salts versus co-crystals of neutral polyfunctional carboxylic acids. <i>Analytical Methods</i> , 2012, 4, 2247-2253.	1.3	17
61	On the chemical identification and determination of flavonoids in solid-state. <i>Talanta</i> , 2012, 94, 9-21.	2.9	29
62	Derivatives of Ergot-alkaloids: Molecular structure, physical properties, and structure-activity relationships. <i>Journal of Molecular Structure</i> , 2012, 1024, 18-31.	1.8	7
63	Functionalized Ergot-alkaloids as potential dopamine D3 receptor agonists for treatment of schizophrenia. <i>Journal of Molecular Structure</i> , 2012, 1029, 106-118.	1.8	7
64	Coordination ability of bradykinin with ZnII- and AgI-metal ions – Experimental and theoretical study. <i>Inorganica Chimica Acta</i> , 2012, 392, 211-220.	1.2	8
65	A quantitative solid-state Raman spectroscopic method for control of fungicides. <i>Analyst</i> , 2012, 137, 3355-3364.	1.7	32
66	On the Biosynthetic Pathway of Papaverine via (S)-Reticuline – Theoretical vs. Experimental Study. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.2	2
67	Physical Properties and Molecular Conformations of Indole Alkaloids and Model Protein Interactions – Theoretical vs. Experimental Study. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.2	3
68	Quantitative Analysis of Substituted N,N-Dimethyl-tryptamines in the Presence of Natural Type XII Alkaloids. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200701.	0.2	2
69	Structural and spectroscopic study of novel Ag(I) metal-organic complexes with dyes – Experimental vs. theoretical methods. <i>Inorganica Chimica Acta</i> , 2012, 382, 96-104.	1.2	8
70	Experimental and theoretical spectroscopic and structural study of A-ring substituted camptothecins. <i>Journal of Molecular Structure</i> , 2012, 1012, 189-197.	1.8	18
71	Solid-state Raman spectra of non-centrosymmetric crystals – Theoretical vs. experimental study towards an application in THz-regime. <i>Journal of Molecular Structure</i> , 2012, 1016, 47-54.	1.8	10
72	Structure and properties of camptothecin derivatives, their protonated forms, and model interaction with the topoisomerase –DNA complex. <i>Biopolymers</i> , 2012, 97, 134-144.	1.2	31

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73	Optical properties of substituted piperidine containing natural quinolizidine-alkaloids â€“ Theoretical versus experimental study. <i>Natural Product Research</i> , 2012, , 1-4.	1.0	2
74	Physical properties and molecular conformations of indole alkaloids and model protein interactionsâ€”theoretical vs. experimental study. <i>Natural Product Communications</i> , 2012, 7, 157-64.	0.2	6
75	Quantitative analysis of substituted N,N-dimethyl-tryptamines in the presence of natural type XII alkaloids. <i>Natural Product Communications</i> , 2012, 7, 1273-6.	0.2	1
76	Protonation and coordination ability of small peptides â€“ theoretical and experimental approaches for elucidation. <i>Journal of Coordination Chemistry</i> , 2011, 64, 2419-2442.	0.8	15
77	Antimicrobial Isopropenyl-dihydrofuranisoflavones from <i>Crotalaria lachnophora</i> . <i>Journal of Natural Products</i> , 2011, 74, 272-278.	1.5	55
78	Physical optical properties and crystal structures of organic 5-sulfosalicylates â€“ Theoretical and experimental study. <i>Journal of Molecular Structure</i> , 2011, 1003, 1-9.	1.8	20
79	Conformation, optical properties, and absolute configuration of 2â€²,3â€²-isopropylideneadenosines: Theoretical vs. experimental study. <i>Journal of Molecular Structure</i> , 2011, 1004, 303-312.	1.8	11
80	Gas-phase CT-stabilized Ag(I) and Zn(II) metalâ€”organic complexes â€“ Experimental versus theoretical study. <i>Polyhedron</i> , 2011, 30, 2564-2573.	1.0	24
81	AgI and ZnII complexes with possible application as NLO materials â€“ Crystal structures and properties. <i>Polyhedron</i> , 2011, 30, 241-245.	1.0	24
82	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.	0.4	5
83	Crystal Structure of 1-Methyl-4-[2-(4-hydroxyphenyl)ethenyl]pyridinium hydrogensquarate. <i>X-ray Structure Analysis Online</i> , 2010, 26, 25-26.	0.1	1
84	Salts of aromatic amines: Crystal structures, spectroscopic and non-linear optical properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 77, 849-855.	2.0	29
85	Two novel violurate and squarate salts of cinchonine â€“ Structures and physical properties. <i>Journal of Molecular Structure</i> , 2010, 965, 89-97.	1.8	3
86	Structural, spectroscopic and theoretical study of novel ephedrinum salt. <i>Journal of Molecular Structure</i> , 2010, 971, 8-11.	1.8	5
87	Spectroscopic and structural elucidation of amino acid derivatives and small peptides: experimental and theoretical tools. <i>Amino Acids</i> , 2010, 38, 45-50.	1.2	39
88	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.	1.2	12
89	2-(Phenylethyl)ammonium hydrogensquarate hemihydrate: crystal structure, solid-state IR-spectroscopic and theoretical characterization. <i>Amino Acids</i> , 2010, 39, 309-314.	1.2	4
90	Surface interaction and self-assembly of cyclodextrins with organic dyes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 67, 317-324.	1.6	6

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91	Conformations and properties of the L-tryptophyl-containing peptides in solution, depending on the pH—Theoretical study vs. experiments. <i>Biopolymers</i> , 2010, 93, 727-734.	1.2	32
92	Highly diastereoselective ortho-lithiation of chiral ferrocenecarboxamides. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1845-1854.	1.8	20
93	Tyrammonium 4-nitrophthalate dihydrate: structural and spectroscopic elucidation. <i>Amino Acids</i> , 2009, 36, 29-33.	1.2	13
94	Synthesis, spectroscopic and structural elucidation of sympathomimetic amine, tyraminium dihydrogenphosphate. <i>Amino Acids</i> , 2009, 36, 185-193.	1.2	14
95	Synthesis, spectroscopic and structural elucidation of tyrosinamide hydrogensquarate monohydrate. <i>Amino Acids</i> , 2009, 36, 195-201.	1.2	9
96	l-Leucinamide hydrogensquarate: spectroscopic and structural elucidation. <i>Amino Acids</i> , 2009, 37, 693-701.	1.2	8
97	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.	1.8	11
98	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.	1.1	14
99	Benzamidinium acetylsalicylate: crystal structure of the first salt with acetylsalicylate anion. <i>Structural Chemistry</i> , 2009, 20, 533-536.	1.0	8
100	Tryptammonium (2S,3S)-hydrogentartrate monohydrate [Struct Chem (2008) 19:147–154]: redetermination at 110Å and re-refinement against room temperature data. <i>Structural Chemistry</i> , 2009, 20, 565-567.	1.0	4
101	Novel pyridyl-substituted coumarin and its perchlorate salt—crystal structure and spectroscopic properties. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 726-734.	0.9	1
102	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.	1.8	30
103	Polymorphs of 4-(dihydroxymethyl)pyridinium hydrogensquarate — Crystal structures and spectroscopic properties. <i>Journal of Molecular Structure</i> , 2009, 931, 45-49.	1.8	15
104	Anyles of 4-benzoylpyridine — Crystal structure and spectroscopic properties. <i>Dyes and Pigments</i> , 2009, 82, 95-101.	2.0	13
105	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.	1.4	32
106	Self-Assembly of Hydrogensquarates: Crystal Structures and Properties. <i>Journal of Physical Chemistry A</i> , 2009, 113, 3088-3095.	1.1	58
107	Crystal structure and spectroscopic properties of 4-acetaminopyridine and its protonated form. <i>Polish Journal of Chemical Technology</i> , 2009, 11, 35-40.	0.3	1
108	Stabilization of Neutral NH <sub>2</sub> -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.	0.4	3

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109	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.	1.4	20
110	Crystal structure, optical and magnetic properties of the bis(perchlorate) of 3,4-diaminopyridine. <i>Structural Chemistry</i> , 2008, 19, 13-20.	1.0	12
111	Crystal structure and spectroscopic properties of ammonium hydrogensquarate squaric acid monohydrate. <i>Structural Chemistry</i> , 2008, 19, 101-107.	1.0	17
112	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.	1.0	6
113	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.	1.0	7
114	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.	0.7	13
115	Synthesis, spectroscopic, structural and theoretical characterization of hydrogensquarate and mononuclear Au(III)-complex of dipeptide phenylalanyltirosine. <i>Journal of Molecular Structure</i> , 2008, 885, 104-110.	1.8	7
116	Aromatic dipeptides and their salts—Solid-state linear-dichroic infrared (IR-LD) spectral analysis and ab initio calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 70, 324-331.	2.0	5
117	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.	1.4	17
118	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.	2.0	29
119	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.	1.8	14
120	Spectroscopic and structural elucidation of alanyl-containing dipeptides and their hydrogensquarates. <i>Journal of Molecular Structure</i> , 2008, 877, 79-88.	1.8	4
121	Benzamidinium d-glucuronate: Spectroscopic and structural elucidation. <i>Journal of Molecular Structure</i> , 2008, 879, 30-39.	1.8	3
122	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.	1.8	25
123	Bis(tryammonium) sulfate dihydrate: Crystal structure, solid-state IR-spectroscopic and theoretical characterization. <i>Journal of Molecular Structure</i> , 2008, 888, 138-144.	1.8	4
124	Solid-state linear polarized IR-spectroscopy of croconic and rhodizonic acids. <i>Open Chemistry</i> , 2008, 6, 393-399.	1.0	8
125	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.	1.1	48
126	Copper(II) complexes with hydroxyl-containing dipeptides glycyl- <i>L</i> -serine and <i>L</i> -seryl- <i>L</i> -tyrosine. <i>Journal of Coordination Chemistry</i> , 2008, 61, 1897-1905.	0.8	7



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127	New Au(III), Pt(II) and Pd(II) complexes with glycylyl-containing homopeptides. <i>Journal of Coordination Chemistry</i> , 2008, 61, 3534-3548.	0.8	17
128	Synthesis of Dimethylphosphinyl-substituted $\hat{\pm}$ -Amino(aryl)methylphosphonic Acids and Their Esters. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2008, 63, 1192-1198.	0.3	4
129	An Au(III) complex of glycylyl-S-serine: a linear polarized IR and $^1\text{H}$ - and $^{13}\text{C}$ -NMR investigation. <i>Journal of Coordination Chemistry</i> , 2007, 60, 109-115.	0.8	17
130	2-Amino-4-nitroaniline, a Known Compound with Unexpected Properties. <i>Journal of Physical Chemistry A</i> , 2007, 111, 10084-10089.	1.1	24
131	3,4-Diaminopyridinium hydrogen squarate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3356-o3356.	0.2	6
132	Cyclohexylammonium hydrogensquarate hemihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o4852-o4852.	0.2	3
133	Spectroscopic, theoretical and structural characterization of hydrogensquarates of l-threonyl-l-serine and l-serine. <i>Amino Acids</i> , 2007, 33, 719-725.	1.2	24
134	Linear-dichroic infrared and NMR spectroscopic analysis of an Au(III) complex of glycylmethioninylglycine. <i>Journal of Coordination Chemistry</i> , 2006, 59, 1749-1755.	0.8	12
135	Validation of reducing-difference procedure for the interpretation of non-polarized infrared spectra of n-component solid mixtures. <i>Talanta</i> , 2006, 69, 822-828.	2.9	89
136	S-Phenyl 4-cyanothiobenzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o3-o4.	0.2	1
137	Protonation of benzimidazoles and 1,2,3-benzotriazoles – Solid-state linear dichroic infrared (IR-LD) spectral analysis and ab initio calculations. <i>Journal of Molecular Structure</i> , 2006, 797, 144-153.	1.8	3
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