Bojidarka B Ivanova

List of Publications by Year
in descending order

161 papers	2,026 citations	257450 24 h-index	361022 35 g-index
170 all docs	170 docs citations	170 times ranked	1342 citing authors

#	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. Journal of Molecular Structure, 2022, 1248, 131488.	3.6	5
2	Mass spectrometric stochastic dynamic 3D structural analysis of mixture of steroids in solution â€“ Experimental and theoretical study. Steroids, 2022, 181, 109001.	1.8	7
3	Stochastic dynamic quantitative and 3D structural matrix assisted laser desorption/ionization mass spectrometric analyses of mixture of nucleosides. Journal of Molecular Structure, 2022, 1260, 132701.	3.6	5
4	Electrospray ionization stochastic dynamic mass spectrometric 3D structural analysis of Zn^{II}â€“ion containing complexes in solution. Inorganic and Nano-Metal Chemistry, 2022, 52, 1407-1429.	1.6	3
5	Stochastic Dynamic Electrospray Ionization Mass Spectrometric Quantitative Analysis of Metronidazole in Human Urine. Analytical Chemistry Letters, 2022, 12, 322-348.	1.0	8
6	3D structural analysis of isomers of benzaldehydes and benzoic acids and their base catalysed Câ€“C coupled derivatives under electrospray ionization conditions â€“ mass spectrometric stochastic dynamic and quantum chemical approaches. Journal of Molecular Structure, 2020, 1199, 127022.	3.6	1
7	Stochastic dynamic mass spectrometric quantification of steroids in mixture â€” Part II. Steroids, 2020, 164, 108750.	1.8	11
8	Electrospray ionization mass spectrometric solvate cluster and multiply charged ions: a stochastic dynamic approach to 3D structural analysis. SN Applied Sciences, 2020, 2, 1.	2.9	6
9	Stochastic Dynamic Mass Spectrometric Approach to Quantify Reserpine in Solution. Analytical Chemistry Letters, 2020, 10, 703-721.	1.0	11
10	Stochastic dynamic electrospray ionization mass spectrometric diffusion parameters and 3D structural determination of complexes of Aglâ€“ion â€“ Experimental and theoretical treatment. Journal of Molecular Liquids, 2019, 292, 111307.	4.9	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. Bioorganic Chemistry, 2019, 93, 103308.	4.1	8
12	Noncentrosymmetric organic crystals of barbiturates as potential nonlinear optical phores: experimental and theoretical analyses. Chemical Papers, 2019, 73, 2821-2844.	2.2	5
13	Stochastic dynamic electrospray ionization mass spectrometric diffusion parameters and 3D structural analysis of coordination species of copper(II) ion with glycylhomopentapeptide and its dimeric associates. Journal of Molecular Liquids, 2019, 282, 70-87.	4.9	10
14	A stochastic dynamic mass spectrometric diffusion method and its application to 3D structural analysis of the analytes. Reviews in Analytical Chemistry, 2019, 38, .	3.2	12
15	3D structural analysis of copper(II) complex of glycine â€“ Experimental mass spectrometric and theoretical quantum chemical approach. Journal of Molecular Structure, 2019, 1179, 192-204.	3.6	13
16	Quantitative correlations between collision induced dissociation mass spectrometry coupled with electrospray ionization or atmospheric pressure chemical ionization mass spectrometry â€“ Experiment and theory. Journal of Molecular Structure, 2018, 1157, 492-512.	3.6	8
17	Cation-Ï€-complex of Ag(I) ion with 1H-indole-5-carboxylic acid â€“ Structural analysis and energetics of the Mâ€“L bonds. Inorganica Chimica Acta, 2018, 471, 219-222.	2.4	6
18	On the [2+2] cycloaddition reaction of configurationally locked polyenes â€“ An experimental and theoretical study. Journal of Molecular Structure, 2018, 1170, 90-104.	3.6	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. Journal of Molecular Structure, 2018, 1173, 848-864.	3.6	6
20	Organosilver(I) and organozinc(II) catalysed synthesis of quaterphenyls â€“ Experimental and theoretical treatment. Journal of Organometallic Chemistry, 2017, 851, 160-183.	1.8	1
21	On the nature of the coordination bonding of metalâ€“organics for ions with the d 10 electronic configuration â€“ Experimental and theoretical analyses. Polyhedron, 2017, 137, 256-264.	2.2	9
22	Quantitative collision induced mass spectrometry of substituted piperazines â€“ A correlative analysis between theory and experiment. Journal of Molecular Structure, 2017, 1149, 243-256.	3.6	10
23	Collisionâ€induced thermochemistry of reactions of dissociation of glycylâ€“homopeptidesâ€”An experimental and theoretical analysis. Biopolymers, 2017, 107, 80-89.	2.4	7
24	Behaviour of complexes of fâ€“elements in the environment â€“ An experimental and theoretical analysis. Journal of Molecular Structure, 2017, 1127, 199-211.	3.6	3
25	Binding affinity of terrestrial and aquatic humics toward organic xenobiotics. Journal of Environmental Chemical Engineering, 2016, 4, 498-510.	6.7	6
26	Molecular and environmental factors governing nonâ€“covalent bonding interactions and conformations of phosphorous functionalized Ï³-cyclodextrin hydrate systems. International Journal of Biological Macromolecules, 2016, 87, 263-272.	7.5	4
27	Environmental modeling of uranium interstitial compositions of non-stoichiometric oxides: experimental and theoretical analysis. Environmental Geochemistry and Health, 2016, 38, 1051-1066.	3.4	3
28	Quantitation of phenyl-amide and phthalimide fungicide formulations in solid-state via UVâ€“MALDI mass spectrometryâ€”matrix effects in soils. Journal of Soils and Sediments, 2015, 15, 917-925.	3.0	3
29	Solid-state UV-MALDI mass spectrometric quantitation of fluroxypyr and triclopyr in soil. Environmental Geochemistry and Health, 2015, 37, 557-574.	3.4	3
30	Quinoxalines as potent selective CRFRs ligands for monitoring and brain diagnostic. Bioorganic Chemistry, 2015, 58, 53-64.	4.1	2
31	Solid-state determination of hop bitter acids in beer by UVâ€“MALDIâ€“Orbitrap mass spectrometry. Journal of Food Measurement and Characterization, 2014, 8, 343-355.	3.2	2
32	Adsorption of uranium composites onto saltrock oxides â€“ experimental and theoretical study. Journal of Environmental Radioactivity, 2014, 135, 75-83.	1.7	15
33	Solid-state UVâ€“MALDIâ€“MS assay of transition metal dithiocarbamate fungicides. Environmental Science and Pollution Research, 2014, 21, 1163-1177.	5.3	8
34	Uranylâ€“water-containing complexes: solid-state UV-MALDI mass spectrometric and IR spectroscopic approach for selective quantitation. Environmental Science and Pollution Research, 2014, 21, 1548-1563.	5.3	6
35	Raman Spectroscopic and Mass Spectrometric Determination of Aflatoxins. Food Analytical Methods, 2014, 7, 242-256.	2.6	7
36	Simultaneous quantitation of naturally occurring insecticides, acaricides, and piscicides in rapeseed oil by UV-MALDI mass spectrometry. Journal of Food Measurement and Characterization, 2014, 8, 15-28.	3.2	4

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37	Evodiamine and rutaecarpine alkaloids as highly selective transient receptor potential vanilloid 1 agonists. International Journal of Biological Macromolecules, 2014, 65, 314-324.	7.5	22
38	Quantitation of Heterogeneous Formulations of Morpholine-Type Fungicides and Surfactants in Polluted Soils. Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	1
39	Macromolecular ensembles of cyclodextrin crystallohydrates and clathrates â€“ experimental and theoretical gas â€“ and condense phase study. International Journal of Biological Macromolecules, 2014, 64, 383-391.	7.5	10
40	UV-MALDI mass spectrometric quantitation of uracil based pesticides in fruit soft drinks along with matrix effects evaluation. Ecotoxicology and Environmental Safety, 2014, 100, 233-241.	6.0	10
41	Silver(I) and zinc(II) organometallic intermediates, catalysing coupling reactions of polysubstituted benzoic acids â€“ Experimental and theoretical study. Chemical Engineering Journal, 2013, 232, 118-127.	12.7	6
42	Heptachlorepoxides: theoretical versus experimental study of the embedded samples in the matrixes of organic crystals. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2013, 76, 415-426.	1.6	2
43	Physical properties and inclusion interactions of new stilbazolium salts: experimental versus theoretical study. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 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. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2013, 76, 87-98.	1.6	6
45	Optical and nonlinear optical properties of new Schiffâ€™s bases: experimental versus theoretical study of inclusion interactions. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2013, 75, 211-221.	1.6	14
46	Substituted benzo[i]phenanthridines as promising topoisomerase-I non-camptothecin targeting agents: an experimental and theoretical study. Medicinal Chemistry Research, 2013, 22, 5204-5217.	2.4	5
47	Molecular design, synthesis and physical properties of novel Cytisine-derivatives â€“ Experimental and theoretical study. Journal of Molecular Structure, 2013, 1034, 173-182.	3.6	4
48	Molecular design and physical properties of highly functionalized configurationally locked polyenes â€“ an experimental and theoretical study. Journal of Materials Chemistry C, 2013, 1, 6278-6298.	5.5	3
49	Quantitative determination of flavins â€“ complex analyte/matrix effects in the presence of food colour additives. Analytical Methods, 2013, 5, 5134.	2.7	0
50	Factors stabilizing the gas-phase ionic species of crystals of organic salts â€“ Experimental and theoretical study. Journal of Molecular Structure, 2013, 1036, 226-234.	3.6	3
51	Organosilver(<scp>i</scp>/<scp>ii</scp>) catalyzed Câ€“N coupling reactions â€“ phenazines. Catalysis Science and Technology, 2013, 3, 1129-1135.	4.1	7
52	Organometallic Sn(II) catalyzing adducts of substituted benzaldehydes. Chemical Engineering Journal, 2013, 226, 113-122.	12.7	1
53	A novel UV-MALDI-MS analytical approach for determination of halogenated phenyl-containing pesticides. Ecotoxicology and Environmental Safety, 2013, 91, 86-95.	6.0	8
54	SYNTHESIS, ISOLATION, STRUCTURAL AND SPECTROSCOPIC STUDY OF THIOCAMPTOTHECINS AND THEIR SILVER(I) COMPLEXESâ€”THEORETICAL AND EXPERIMENTAL ELUCIDATION. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, , .	1.6	0

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55	Crystal structures and physical properties of 5-sulfosalicylate and violurate metalâ€“organic crystals â€“ experimental versus theoretical study. Journal of Coordination Chemistry, 2012, 65, 2055-2073.	2.2	2
56	Gas-phase stabilized metal complexes of cyclic peptides â€“ theoretical versus experimental study. Journal of Coordination Chemistry, 2012, 65, 1548-1568.	2.2	6
57	SubstitutedIboga-alkaloids and their model receptor interactions â€“ Theoretical and experimental studies. Natural Product Research, 2012, , 1-6.	1.8	0
58	Matrix-assisted laser desorption/ionization mass spectrometric analysis of herbicides in dication-containing organic crystals. Analytical Methods, 2012, 4, 4360-4367.	2.7	9
59	Coordination ability of silver(I) with antimycins and actinomycins â€“ Properties of the T-shaped chromophores. Polyhedron, 2012, 38, 235-244.	2.2	7
60	Matrixes in UV-MALDI mass spectrometry â€“ crystals of organic salts versus co-crystals of neutral polyfunctional carboxylic acids. Analytical Methods, 2012, 4, 2247-2253.	2.7	17
61	On the chemical identification and determination of flavonoids in solid-state. Talanta, 2012, 94, 9-21.	5.5	29
62	Derivatives of Ergot-alkaloids: Molecular structure, physical properties, and structureâ€“activity relationships. Journal of Molecular Structure, 2012, 1024, 18-31.	3.6	7
63	Functionalized Ergot-alkaloids as potential dopamine D3 receptor agonists for treatment of schizophrenia. Journal of Molecular Structure, 2012, 1029, 106-118.	3.6	7
64	Coordination ability of bradykinin with ZnII- and AgI-metal ions â€“ Experimental and theoretical study. Inorganica Chimica Acta, 2012, 392, 211-220.	2.4	8
65	A quantitative solid-state Raman spectroscopic method for control of fungicides. Analyst, The, 2012, 137, 3355-3364.	3.5	32
66	On the Biosynthetic Pathway of Papaverine via (S)-Reticuline â€“ Theoretical vs. Experimental Study. Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	2
67	Physical Properties and Molecular Conformations of Indole Alkaloids and Model Protein Interactions â€“ Theoretical vs. Experimental Study. Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	3
68	Quantitative Analysis of Substituted N,N-Dimethyl-tryptamines in the Presence of Natural Type XII Alkaloids. Natural Product Communications, 2012, 7, 1934578X1200701.	0.5	2
69	Structural and spectroscopic study of novel Ag(I) metalâ€“organic complexes with dyes â€“ Experimental vs. theoretical methods. Inorganica Chimica Acta, 2012, 382, 96-104.	2.4	8
70	Experimental and theoretical spectroscopic and structural study of A-ring substituted camptothecins. Journal of Molecular Structure, 2012, 1012, 189-197.	3.6	18
71	Solid-state Raman spectra of non-centrosymmetric crystals â€“ Theoretical vs. experimental study towards an application in THz-regime. Journal of Molecular Structure, 2012, 1016, 47-54.	3.6	10
72	Structure and properties of camptothecin derivatives, their protonated forms, and model interaction with the topoisomerase Iâ€“DNA complex. Biopolymers, 2012, 97, 134-144.	2.4	31

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73	Optical properties of substituted piperidine containing natural quinolizidine-alkaloids â€“ Theoreticalversusexperimental study. Natural Product Research, 2012, , 1-4.	1.8	2
74	Physical properties and molecular conformations of indole alkaloids and model protein interactions--theoretical vs. experimental study. Natural Product Communications, 2012, 7, 157-64.	0.5	6
75	Quantitative analysis of substituted N,N-dimethyl-tryptamines in the presence of natural type XII alkaloids. Natural Product Communications, 2012, 7, 1273-6.	0.5	1
76	Protonation and coordination ability of small peptides â€“ theoretical and experimental approaches for elucidation. Journal of Coordination Chemistry, 2011, 64, 2419-2442.	2.2	15
77	Antimicrobial Isopropenyl-dihydrofuranoisoflavones from Crotalaria lachnophora. Journal of Natural Products, 2011, 74, 272-278.	3.0	55
78	Physical optical properties and crystal structures of organic 5-sulfosalicylates â€“ Theoretical and experimental study. Journal of Molecular Structure, 2011, 1003, 1-9.	3.6	20
79	Conformation, optical properties, and absolute configuration of 2â€²,3â€²-isopropylideneadenosines: Theoretical vs. experimental study. Journal of Molecular Structure, 2011, 1004, 303-312.	3.6	11
80	Gas-phase CT-stabilized Ag(I) and Zn(II) metalâ€“organic complexes â€“ Experimental versus theoretical study. Polyhedron, 2011, 30, 2564-2573.	2.2	24
81	AgI and ZnII complexes with possible application as NLO materials â€“ Crystal structures and properties. Polyhedron, 2011, 30, 241-245.	2.2	24
82	New Au (III), Pt (II) and Pd (II) Complexes with Pentapeptide Glycylglycyl-L-Methyonyl-Glycyl-Glycine and Their Interaction with Calf Thymus DNA. Protein and Peptide Letters, 2010, 17, 228-237.	0.9	5
83	Crystal Structure of 1-Methyl-4-[2-(4-hydroxyphenyl)ethenyl]pyridinium hydrogensquarate. X-ray Structure Analysis Online, 2010, 26, 25-26.	0.2	1
84	Salts of aromatic amines: Crystal structures, spectroscopic and non-linear optical properties. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 77, 849-855.	3.9	29
85	Two novel violurate and squarate salts of cinchonine â€“ Structures and physical properties. Journal of Molecular Structure, 2010, 965, 89-97.	3.6	3
86	Structural, spectroscopic and theoretical study of novel ephedrinum salt. Journal of Molecular Structure, 2010, 971, 8-11.	3.6	5
87	Spectroscopic and structural elucidation of amino acid derivatives and small peptides: experimental and theoretical tools. Amino Acids, 2010, 38, 45-50.	2.7	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. Amino Acids, 2010, 38, 295-304.	2.7	12
89	2-(Phenylethyl)ammonium hydrogensquarate hemihydrate: crystal structure, solid-state IR-spectroscopic and theoretical characterization. Amino Acids, 2010, 39, 309-314.	2.7	4
90	Surface interaction and self-assembly of cyclodextrins with organic dyes. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2010, 67, 317-324.	1.6	6

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91	Conformations and properties of the <scp>L</scp>â€tryptophylâ€containing peptides in solution, depending on the pHâ€"Theoretical study vs. experiments. Biopolymers, 2010, 93, 727-734.	2.4	32
92	Highly diastereoselective ortho-lithiation of chiral ferrocenecarboxamides. Tetrahedron: Asymmetry, 2010, 21, 1845-1854.	1.8	20
93	Tyrammonium 4-nitrophthalate dihydrate: structural and spectroscopic elucidation. Amino Acids, 2009, 36, 29-33.	2.7	13
94	Synthesis, spectroscopic and structural elucidation of sympathomimetic amine, tyraminium dihydrogenphosphate. Amino Acids, 2009, 36, 185-193.	2.7	14
95	Synthesis, spectroscopic and structural elucidation of tyrosinamide hydrogensquarate monohydrate. Amino Acids, 2009, 36, 195-201.	2.7	9
96	l-Leucinamide hydrogensquarate: spectroscopic and structural elucidation. Amino Acids, 2009, 37, 693-701.	2.7	8
97	Hydrogenoxalate and squarate salts of (E)-4-(hydroxyiminomethyl)-pyridine â€“ Crystal structures, spectroscopic and theoretical elucidation. Journal of Molecular Structure, 2009, 921, 163-171.	3.6	11
98	Novel nonlinear optical materials based on dihydropyridine organic chromophore deposited on mica substrate. Journal of Materials Science: Materials in Electronics, 2009, 20, 1073-1077.	2.2	14
99	Benzamidinium acetylsalicylate: crystal structure of the first salt with acetylsalicylate anion. Structural Chemistry, 2009, 20, 533-536.	2.0	8
100	Tryptammonium (2S,3S)-hydrogentartrate monohydrate [Struct Chem (2008) 19:147â€“154]: redetermination at 110ÂK and re-refinement against room temperature data. Structural Chemistry, 2009, 20, 565-567.	2.0	4
101	Novel pyridylâ€substituted coumarin and its perchlorate saltâ€“crystal structure and spectroscopic properties. Journal of Physical Organic Chemistry, 2009, 22, 726-734.	1.9	1
102	New structural motifs and properties of squaric acid anions in the presence of the l-lysinium counterion. Journal of Molecular Structure, 2009, 919, 246-254.	3.6	30
103	Polymorphs of 4-(dihydroxymethyl)pyridinium hydrogensquarate â€“ Crystal structures and spectroscopic properties. Journal of Molecular Structure, 2009, 931, 45-49.	3.6	15
104	Anyles of 4-benzoylpyridine â€“ Crystal structure and spectroscopic properties. Dyes and Pigments, 2009, 82, 95-101.	3.7	13
105	New Aspects on the Origin of Color in the Solid State. Coherently Shifting of the Protons in Violurate Crystals. Crystal Growth and Design, 2009, 9, 3348-3352.	3.0	32
106	Self-Assembly of Hydrogensquarates: Crystal Structures and Properties. Journal of Physical Chemistry A, 2009, 113, 3088-3095.	2.5	58
107	Crystal structure and spectroscopic properties of 4-acetaminopyridine and its protonated form. Polish Journal of Chemical Technology, 2009, 11, 35-40.	0.5	1
108	Stabilization of Neutral NH2-R-COOH Form of the Antihypertensive Peptides L-Valyl-L-Prolyl-L-Proline and L-Isoleucyl-L-Prolyl-L-Proline. Protein and Peptide Letters, 2009, 16, 112-115.	0.9	3

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109	Determination of cephalosporins in solid binary mixtures by polarized IR- and Raman spectroscopy. Journal of Pharmaceutical and Biomedical Analysis, 2008, 48, 201-204.	2.8	20
110	Crystal structure, optical and magnetic properties of the bis(perchlorate) of 3,4-diaminopyridine. Structural Chemistry, 2008, 19, 13-20.	2.0	12
111	Crystal structure and spectroscopic properties of ammonium hydrogensquarate squaric acid monohydrate. Structural Chemistry, 2008, 19, 101-107.	2.0	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. Structural Chemistry, 2008, 19, 147-154.	2.0	6
113	Ethyl esters of coumarin-3-phosphonic acid and 1,2-benzoxaphosphorine-3-carboxylic acid: crystal structure, spectroscopic and theoretical elucidation. Structural Chemistry, 2008, 19, 975-982.	2.0	7
114	Synthesis, spectroscopic analysis and structure deduction of gold(III), palladium(II) and platinum(II) complexes with the tripeptide glycyl-l-phenylalanyl-glycine. Transition Metal Chemistry, 2008, 33, 911-919.	1.4	13
115	Synthesis, spectroscopic, structural and theoretical characterization of hydrogensquarate and mononuclear Au(III)-complex of dipeptide phenylalanyltyrosine. Journal of Molecular Structure, 2008, 885, 104-110.	3.6	7
116	Aromatic dipeptides and their saltsâ€"Solid-state linear-dichroic infrared (IR-LD) spectral analysis and ab initio calculations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 70, 324-331.	3.9	5
117	Determination of phenacetin and salophen analgetics in solid binary mixtures with caffeine by infrared linear dichroic and Raman spectroscopy. Journal of Pharmaceutical and Biomedical Analysis, 2008, 46, 267-273.	2.8	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. Dyes and Pigments, 2008, 79, 7-13.	3.7	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. Journal of Molecular Structure, 2008, 875, 372-381.	3.6	14
120	Spectroscopic and structural elucidation of alanyl-containing dipeptides and their hydrogensquarates. Journal of Molecular Structure, 2008, 877, 79-88.	3.6	4
121	Benzamidinium d-glucuronate: Spectroscopic and structural elucidation. Journal of Molecular Structure, 2008, 879, 30-39.	3.6	3
122	Spectroscopic and structural elucidation of 3,4-diaminopyridine and its hydrogentartarate salt: Crystal structure of 3,4-diaminopyridinium hydrogentartarate dihydrate. Journal of Molecular Structure, 2008, 881, 146-155.	3.6	25
123	Bis(tyrammonium) sulfate dihydrate: Crystal structure, solid-state IR-spectroscopic and theoretical characterization. Journal of Molecular Structure, 2008, 888, 138-144.	3.6	4
124	Solid-state linear polarized IR-spectroscopy of croconic and rhodizonic acids. Open Chemistry, 2008, 6, 393-399.	1.9	8
125	On the Origin of the Color in the Solid State. Crystal Structure and Optical and Magnetic Properties of 4-Cyanopyridinium Hydrogensquarate Monohydrate. Journal of Physical Chemistry A, 2008, 112, 2899-2905.	2.5	48
126	Copper(II) complexes with hydroxyl-containing dipeptides glycyl- _L -serine and _L -seryl- _L -tyrosine. Journal of Coordination Chemistry, 2008, 61, 1897-1905.	2.2	7

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127	New Au(III), Pt(II) and Pd(II) complexes with glycyl-containing homopeptides. Journal of Coordination Chemistry, 2008, 61, 3534-3548.	2.2	17
128	Synthesis of Dimethylphosphinyl-substituted Î±-Amino(aryl)methylphosphonic Acids and Their Esters. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2008, 63, 1192-1198.	0.7	4
129	An Au(III) complex of glycyl- S -serine: a linear polarized IR and 1H- and 13C-NMR investigation. Journal of Coordination Chemistry, 2007, 60, 109-115.	2.2	17
130	2-Amino-4-nitroaniline, a Known Compound with Unexpected Properties. Journal of Physical Chemistry A, 2007, 111, 10084-10089.	2.5	24
131	3,4-Diaminopyridinium hydrogen squarate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3356-o3356.	0.2	6
132	Cyclohexylammonium hydrogensquarate hemihydrate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4852-o4852.	0.2	3
133	Spectroscopic, theoretical and structural characterization of hydrogensquarates of l-threonyl-l-serine and l-serine. Amino Acids, 2007, 33, 719-725.	2.7	24
134	Linear-dichroic infrared and NMR spectroscopic analysis of an Au(III) complex of glycylmethioninylglycine. Journal of Coordination Chemistry, 2006, 59, 1749-1755.	2.2	12
135	Validation of reducing-difference procedure for the interpretation of non-polarized infrared spectra of n-component solid mixtures. Talanta, 2006, 69, 822-828.	5.5	89
136	S-Phenyl 4-cyanothiobenzoate. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o3-o4.	0.2	1
137	Protonation of benzimidazoles and 1,2,3-benzotriazoles â€“ Solid-state linear dichroic infrared (IR-LD) spectral analysis and ab initio calculations. Journal of Molecular Structure, 2006, 797, 144-153.	3.6	3
138	IR-LD spectroscopic characterization of l-Tryptophan containing dipeptides. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 64, 931-938.	3.9	43
139	Solid state linear-dichroic infrared spectral and theoretical analysis of methionine-containing tripeptides. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 65, 56-61.	3.9	13
140	Solid-state linear-dichroic IR-spectroscopy of isophorone derivatives with potential non-linear optical application. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 65, 1035-1040.	3.9	5
141	Stereo-structural and IR-spectral characterization of histidine containing dipeptides by means of solid-state IR-LD spectroscopy and ab initio calculations. Journal of Molecular Structure, 2006, 782, 122-129.	3.6	50
142	6-O-acetylcodeine and its hydrogensquarate: Linear-dichroic infrared (IR-LD) spectroscopy. Journal of Molecular Structure, 2006, 794, 138-141.	3.6	11
143	Solid-state IR-LD spectroscopy of codeine and N-norcodeine derivatives. Open Chemistry, 2006, 4, 533-542.	1.9	18
144	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

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145	Solid state linear-dichroic infrared (IR-LD) spectroscopic characterization of Î±-and Î²-glycine polymorphs. Open Chemistry, 2006, 4, 111-117.	1.9	9
146	Solid-state IRâ€“LD spectroscopic and theoretical analysis of glycine-containing peptides and their hydrochlorides. Biopolymers, 2006, 82, 587-596.	2.4	43
147	Monoclinic and orthorhombic polymorphs of paracetamolâ€”solid state linear dichroic infrared spectral analysis. Journal of Molecular Structure, 2005, 738, 233-238.	3.6	61
148	Synthesis of Dimethylphosphinoyl Substituted Î±-Aminoarylmethanephosphonates. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2005, 60, 215-220.	0.7	3
149	N1Protonated Salt of Adenine: Solidâ€State Linear Dichroic Infrared Spectral Analysis. Spectroscopy Letters, 2005, 38, 635-643.	1.0	6
150	A solid-state linear dichroic infrared spectral study of 4-aminopyridine. Vibrational Spectroscopy, 2005, 37, 145-147.	2.2	27
151	Solid-state linear-dichroic infrared spectroscopic analysis of the dipeptide S-Pheâ€“S-Phe and its mononuclear Au(III) complex. Journal of Coordination Chemistry, 2005, 58, 587-593.	2.2	46
152	Crystal structure and solid state IR-LD analysis of a mononuclear Cu(II) complex of 4-aminopyridine. Journal of Coordination Chemistry, 2005, 58, 653-659.	2.2	48
153	A reducing-difference IR-spectral study of 4-aminopyridine. Open Chemistry, 2004, 2, 589-597.	1.9	8
154	Au(III) interaction with Methionine- and Histidine-containing peptides. Journal of Coordination Chemistry, 2004, 57, 217-221.	2.2	44
155	Crystal structure of .BETA.-Chloro-L-alanine. Analytical Sciences: X-ray Structure Analysis Online, 2004, 20, X73-X74.	0.1	0
156	Title is missing!. Transition Metal Chemistry, 2003, 28, 745-748.	1.4	7
157	IR-spectral study of photoinduced tautomerization in 1,3-diphenyl-pyrazol-5-one. Open Chemistry, 2003, 1, 356-365.	1.9	2
158	Ab initio and infrared spectral study of 4â€²-substituted phenylthiolbenzoates. Open Chemistry, 2003, 1, 98-107.	1.9	1
159	Copperâ€“homocysteine complexes and potential physiological actions. Journal of Inorganic Biochemistry, 2003, 95, 321-333.	3.5	34
160	Mass spectrometric diffusion parameters and 3D structural analysis of oligomeric associates of glycylhomopeptides and their complexes of silver(I) ion â€“ a stochastic dynamics approach. , 0, , .		0
161	Mass spectrometric and quantum chemical treatments of molecular and ionic interactions of apigenine-O-glucoside â€“ stochastic dynamics. , 0, , .		3