Ian S Butler

List of Publications by Year
in descending order

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332 papers	6,898 citations	87401 40 h-index	124990 64 g-index
334 all docs	334 docs citations	334 times ranked	7352 citing authors

#	Article	IF	Citations
1	Ferrocene-functionalized anilines as potent anticancer and antidiabetic agents: Synthesis, spectroscopic elucidation, and DFT calculations. Journal of Molecular Structure, 2022, 1249, 131632.	1.8	7
2	Copper sulfide nanostructures: synthesis and biological applications. RSC Advances, 2022, 12, 7550-7567.	1.7	19
3	The important role of the Office for Science and Society in the Department of Chemistry at McGill University. Canadian Journal of Chemistry, 2022, 100, 175-176.	0.6	0
4	Fabrication and prospective applications of graphene oxide-modified nanocomposites for wastewater remediation. RSC Advances, 2022, 12, 11750-11768.	1.7	32
5	Mercury(II) dithiocarbamates: Structural aspects and their use as single-source precursors for shape-controlled facile synthesis of HgS nanoparticles. Polyhedron, 2021, 193, 114876.	1.0	4
6	DNA interaction and anticancer evaluation of new adenine complexes in presence of N, N-donors as secondary chelate. Journal of Molecular Structure, 2021, 1223, 128976.	1.8	1
7	Co and Ni assisted CdS@g-C3N4 nanohybrid: A photocatalytic system for efficient hydrogen evolution reaction. Materials Chemistry and Physics, 2021, 259, 124140.	2.0	14
8	Adsorption of reduced chromium(VI) ions by vitamin C tablets onto a telluratoâ€functionalized cellulose derivative and its composite with Cyanobacteria green algae in aqueous media. Environmental Progress and Sustainable Energy, 2021, 40, e13608.	1.3	1
9	Surfactant-free synthesis of CdS nanorods for efficient reduction of carcinogenic Cr(VI). Journal of Coordination Chemistry, 2021, 74, 1628-1640.	0.8	6
10	Green synthesis of mesoporous MoS₂ nanoflowers for efficient photocatalytic degradation of Congo red dye. Journal of Coordination Chemistry, 2021, 74, 2302-2314.	0.8	4
11	New ferrocene-integrated multifunctional guanidine surfactants: synthesis, spectroscopic elucidation, DNA interaction studies, and DFT calculations. New Journal of Chemistry, 2021, 46, 185-198.	1.4	3
12	New Palladium(II), Platinum(II) and Silver(I) complexes of 2-amino-4,6-dithio-1,3,5-triazine; synthesis, characterization and DNA binding properties. Journal of Molecular Structure, 2020, 1200, 127088.	1.8	13
13	Two new monofunctional platinum(<scp>ii</scp>) dithiocarbamate complexes:phenanthriplatin-type axial protection, equatorial-axial conformational isomerism, and anticancer and DNA binding studies. Dalton Transactions, 2020, 49, 15385-15396.	1.6	21
14	Recent developments and perspectives in CdS-based photocatalysts for water splitting. Journal of Materials Chemistry A, 2020, 8, 20752-20780.	5.2	203
15	Complexes based N,N-donors (2,2â€²-bipyridyl & 2-(2-aminophenyl)benzimidazole); Synthesis, characterization, DNA interaction and toxicity assessment against Chlorella vulgaris	1.2	2
16	Novel metal complexes of 3â€acetylcoumarinâ€2â€hydrazinobenzothiazole Schiff base: Design, structural characterizations, DNA binding, DFT calculations, molecular docking and biological studies. Applied Organometallic Chemistry, 2020, 34, e5643.	1.7	26
17	Efficient adsorption of Cd(Ð†Ð†) ions from aqueous media onto a semiâ€interpenetrating bioâ€composite. Environmental Progress and Sustainable Energy, 2019, 38, e13253.	1.3	4
18	New ternary palladium(II) complexes: Synthesis, characterization, in vitro anticancer and antioxidant activities. Inorganic Chemistry Communication, 2019, 105, 140-146.	1.8	16

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19	A brief history of distance education in Chemistry at McGill University in Canada. Chemistry Teacher International, 2019, .	0.9	1
20	Synthesis of Î³-alumina (Al₂O₃) nanoparticles and their potential for use as an adsorbent in the removal of methylene blue dye from industrial wastewater. Nanoscale Advances, 2019, 1, 213-218.	2.2	52
21	DNA interaction and anticancer evaluation of new zinc(II), ruthenium(II), rhodium(III), palladium(II), silver(I) and platinum(II) complexes based on kojic acid; X-ray crystal structure of [Ag(ka)(PPh3)]Â·H2O. Inorganica Chimica Acta, 2019, 487, 433-447.	1.2	17
22	Synthesis and computational study of new meta- and para-substituted ferrocenyl thioureas as potent protein kinase inhibitors and cytotoxic agents. Inorganica Chimica Acta, 2019, 488, 8-18.	1.2	1
23	Biologically activehalo-substituted ferrocenyl thioureas: synthesis, spectroscopic characterization, and DFT calculations. New Journal of Chemistry, 2018, 42, 7154-7165.	1.4	15
24	Removal of copper(II) ions from Aqueous Media by Chemically Modified MCMâ€41 with Nâ€(3â€(trimethoxysilyl)propyl)ethylenediamine and Its 4â€hydroxysalicylidene Schiffâ€base. Environmental Progress and Sustainable Energy, 2018, 37, 746-760.	1.3	25
25	Preparation and characterization by infrared emission spectroscopy and applications of new mineral-based composite materials of biomedical interest. Applied Spectroscopy Reviews, 2018, 53, 439-485.	3.4	1
26	Anticancer evaluation and drug delivery of new palladium(II) complexes based on the chelate of alendronate onto hydroxyapatite nanoparticles. Inorganica Chimica Acta, 2018, 473, 44-50.	1.2	23
27	Assistance in handling large-enrolment, introductory General Chemistry courses. Chemistry Teacher International, 2018, 1, .	0.9	0
28	Micro-Raman high-pressure investigation on the malaria pigment hematin anhydride (Î²-hematin). Journal of Inorganic Biochemistry, 2018, 189, 180-184.	1.5	1
29	Photoactivated platinum-based anticancer drugs. Coordination Chemistry Reviews, 2018, 376, 405-429.	9.5	85
30	2-Hydroxynaphthaldehyde chitosan schiff-base; new complexes, biosorbent to remove cadmium(II) ions from aqueous media and aquatic ecotoxicity against green alga Pseudokirchneriella subcapitata. Journal of Environmental Chemical Engineering, 2018, 6, 3451-3468.	3.3	14
31	Catalytic conversion of 5-hydroxymethylfurfural to some value-added derivatives. Green Chemistry, 2018, 20, 3657-3682.	4.6	233
32	DNA interaction and anticancer evaluation of new palladium(II), platinum(II) and silver(I) complexes based on (Î”)- and (Î›)-1,2â€“bis-(1H-benzimidazol-2-yl)-1,2-ethanediol enantiomers. Polyhedron, 2018, 154, 156-172.	1.0	13
33	An Overview of the Potential Therapeutic Applications of CO-Releasing Molecules. Bioinorganic Chemistry and Applications, 2018, 2018, 1-23.	1.8	38
34	Facile synthesis of fluoro, methoxy, and methyl substituted ferrocene-based urea complexes as potential therapeutic agents. Bioorganic Chemistry, 2017, 72, 215-227.	2.0	31
35	Facile synthesis of low-dimensional SnO 2 nanostructures: An investigation of their performance and mechanism of action as anode materials for lithium-ion batteries. Physica E: Low-Dimensional Systems and Nanostructures, 2017, 91, 119-127.	1.3	8
36	Biologically active meta -substituted ferrocenyl nitro and amino complexes: Synthesis, structural elucidation, and DFT calculations. Journal of Organometallic Chemistry, 2017, 843, 48-61.	0.8	8

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37	Anticancer activity, DNA-binding and DNA-denaturing aptitude of palladium(II) dithiocarbamates. Inorganica Chimica Acta, 2016, 451, 31-40.	1.2	62
38	Cellulose derivatives modified by sodium tellurate and a chromium(III) tellurate complex. International Journal of Biological Macromolecules, 2016, 88, 392-402.	3.6	1
39	DFT calculations of the molecular structures and vibrational spectra of dimethylzinc and dimethylcadmium complexes with bidentate nitrogen ligands. Canadian Journal of Chemistry, 2016, 94, 645-647.	0.6	1
40	Ï€-Delocalization in the vicinal lone pairs of hydrazines: Electronic effects in derivatives of 1-(2-nitrophenyl)-1-phenylhydrazine. Journal of Molecular Structure, 2016, 1116, 30-36.	1.8	1
41	Synthesis, structural characterization and biological screening of heteroleptic palladium(II) complexes. Inorganica Chimica Acta, 2016, 447, 176-182.	1.2	14
42	Mechanicalâ€“Structural Investigation of Ion-Exchanged Lithium Silicate Glass using Micro-Raman Spectroscopy. Journal of Physical Chemistry C, 2016, 120, 7213-7232.	1.5	41
43	Synthesis, structural characterization, in vitro bioactivities, interaction with SS-DNA and DFT study of 4-chloro-3-ferrocenylaniline. Inorganica Chimica Acta, 2016, 442, 46-55.	1.2	11
44	Synthesis, characterization and DNA interaction studies of new complexes containing 2-mercaptobenzothiazole and different dinitrogen or phosphorous aromatic donors. Inorganica Chimica Acta, 2016, 441, 20-33.	1.2	31
45	Bioactivity of new ferrocene incorporated N,Nâ€²-disubstituted ureas: Synthesis, structural elucidation and DFT study. Inorganica Chimica Acta, 2016, 439, 82-91.	1.2	24
46	Ferrocene-Based Bioactive Bimetallic Thiourea Complexes: Synthesis and Spectroscopic Studies. Bioinorganic Chemistry and Applications, 2015, 2015, 1-9.	1.8	11
47	Recent Applications of Infrared and Raman Spectroscopy in Art Forensics: A Brief Overview. Applied Spectroscopy Reviews, 2015, 50, 152-157.	3.4	13
48	Variable-Temperature Micro-Raman Spectra of the Synthetic Artists' Pigments,Chrome YellowandMaya Blue: An Undergraduate Research Project. Spectroscopy Letters, 2015, 48, 556-560.	0.5	7
49	In situ synchrotronâ€based Xâ€ray powder diffraction and microâ€Raman study of biomass and residue model compounds at hydrothermal conditions. Energy Science and Engineering, 2015, 3, 189-195.	1.9	3
50	Supercritical Water Gasification of Lactose as a Model Compound for Valorization of Dairy Industry Effluents. Industrial & Engineering Chemistry Research, 2015, 54, 9296-9306.	1.8	63
51	Improving the corrosion performance of hybrid solâ€“gel matrix by modification with phosphonic acid. Progress in Organic Coatings, 2015, 80, 49-58.	1.9	21
52	Synthesis, characterization and anticancer activity of 3-formylchromone benzoylhydrazone metal complexes. Transition Metal Chemistry, 2015, 40, 179-187.	0.7	34
53	Synthesis of reduction-sensitive 1,1-diarylhydrazines from 1,1-diarylamines. Canadian Journal of Chemistry, 2014, 92, 904-912.	0.6	2
54	Variable-Temperature and High-Pressure Micro-Raman Spectra of Inorganic Artists' Pigments: CrystallineWulfenite, Lead(II) Molybdate(VI), PbMoO4. Spectroscopy Letters, 2014, 47, 616-620.	0.5	6

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55	Pressure-tuning micro-Raman spectra of artistsâ€™ pigments: Î±- and Î²-copper phthalocyanine polymorphs. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 117, 61-64.	2.0	6
56	Zinc(II), ruthenium(II), rhodium(III), palladium(II), silver(I), platinum(II) and complexes of 2-(2â€²-hydroxy-5â€²-methylphenyl)-benzotriazole as simple or primary ligand and 2,2â€²-bipyridyl, 9,10-phenanthroline or triphenylphosphine as secondary ligands: Structure and anticancer activity. Journal of Molecular Structure, 2014, 1059, 193-201.	1.8	42
57	Synthesis of new 4-methylesculetin complexes as anti-neoplastic agents and X-ray structure of dimeric bis-bipyridyl-bis-4-methylesculetinato zinc(II). Inorganica Chimica Acta, 2014, 423, 132-143.	1.2	12
58	Synthesis, characterization, anticancer activity and DNA interaction studies of new 2-aminobenzothiazole complexes; crystal structure and DFT calculations of [Ag(Habt)2]ClO4. Inorganica Chimica Acta, 2014, 423, 242-255.	1.2	34
59	Synthesis, spectral characterization, and anticancer activity of 6-methylpyridine-2-carbaldehdyethiosemicarbazone and its complexes; crystal structure and DFT calculations of [Pd(mpyptsc)Cl]Â·DMSO. Journal of Coordination Chemistry, 2014, 67, 2711-2727.	0.8	7
60	Synthesis, characterization and anticancer activity of new zinc(II), molybdate(II), palladium(II), silver(I), rhodium(III), ruthenium(II) and platinum(II) complexes of 5,6-diamino-4-hydroxy-2-mercaptopyrimidine. Inorganica Chimica Acta, 2014, 423, 144-155.	1.2	32
61	A mechanochemical strategy for oxidative addition: remarkable yields and stereoselectivity in the halogenation of organometallic Re(<scp>i</scp>) complexes. Green Chemistry, 2014, 16, 1087-1092.	4.6	70
62	A palladium(II) 4-hydroxysalicylidene Schiff-base complex anchored on functionalized MCM-41: An efficient heterogeneous catalyst for the epoxidation of olefins. Applied Catalysis A: General, 2014, 488, 148-159.	2.2	44
63	The role of the solâ€“gel route on the interaction between rhodamine B and a silica matrix. Journal of Sol-Gel Science and Technology, 2014, 72, 260-272.	1.1	6
64	Bone Repair Stimulation in Rat Mandible by New Chitosan Silver(I) Complexes. International Journal of Polymeric Materials and Polymeric Biomaterials, 2014, 63, 846-858.	1.8	14
65	Anticancer activity of organotin(IV) carboxylates. Inorganica Chimica Acta, 2014, 423, 14-25.	1.2	93
66	Multi-step and multi-component organometallic synthesis in one pot using orthogonal mechanochemical reactions. Chemical Science, 2014, 5, 3576.	3.7	87
67	Infrared and Raman spectroscopic characterization of some organic substituted hybrid silicas. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 133, 619-625.	2.0	56
68	High-pressure infrared and Raman studies of polymorphism in pharmaceutical compounds: Spironolactone, Forms I and II. Journal of Molecular Structure, 2014, 1078, 146-150.	1.8	6
69	A theoretical investigation of the products in the Frankland reaction of dimethylzinc compounds with nitric oxide. Canadian Journal of Chemistry, 2014, 92, 948-950.	0.6	2
70	A Genetic Network Conferring Canalization to a Bistable Patterning System in Drosophila. Current Biology, 2013, 23, 2296-2302.	1.8	58
71	Pressure-tuning infrared and Raman microscopy study of the DNA bases: adenine, guanine, cytosine, and thymine. Journal of Biomolecular Structure and Dynamics, 2013, 31, 1490-1496.	2.0	8
72	Effect of temperature and pressure on selected artists' pigments. New Journal of Chemistry, 2013, 37, 3833.	1.4	9

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73	New zinc(II), palladium(II) and platinum(II) complexes of dl-piperidine-2-carboxylic acid; X-ray crystal structure of trans-[Zn2(Î¼-Ca)2(Hpa)2Cl6] and anticancer activity of some complexes. Journal of Molecular Structure, 2013, 1036, 161-167.	1.8	24
74	New complexes of 2-hydroxy-1-naphthoic acid and X-ray crystal structure of [Pt(hna)(PPh3)2]. Journal of Molecular Structure, 2013, 1036, 196-202.	1.8	24
75	Synthesis and spectroscopic characterization of complexes of Cr(III), Cr(VI), Cu(III), Zn(II), Mo(VI), Pd(II), Ag(III), Au(III) and W(VI) with telluric acid. Journal of Molecular Structure, 2013, 1036, 510-520.	1.8	4
76	Anticancer metallopharmaceutical agents based on mixedâ€ligand palladium(II) complexes with dithiocarbamates and tertiary organophosphine ligands. Applied Organometallic Chemistry, 2013, 27, 387-395.	1.7	29
77	Determination of the Network Structure of Sensor Materials Prepared by Three Different Sol-Gel Routes Using Fourier Transform Infrared Spectroscopy (FT-IR). Applied Spectroscopy, 2013, 67, 441-447.	1.2	15
78	Pressure-Tuning Raman Spectra of the Arene Chromium(0) Chalcocarbonyl Complexes, (Î·6-C6H5CO2CH3)Cr(CO)2(CX) (XÂ=ÂO, S). Spectroscopy Letters, 2012, 45, 40-44.	0.5	1
79	Supramolecular organotin(IV) dithiocarboxylates as potential antimicrobial agents. Journal of Coordination Chemistry, 2012, 65, 3238-3253.	0.8	11
80	Low-temperature (293-60 K) Raman spectra of the crystalline tert-butylisocyanide complexes, Cr(CO)5(CNBu-t) and cis-Cr(CO)4(CNBu-t)2. Canadian Journal of Chemistry, 2012, 90, 118-120.	0.6	1
81	Recent Applications of Molecular Spectroscopy in Bioorganometallic Chemistryâ€"Part 2: Ferrocenes and Other Organometallic Complexes. Applied Spectroscopy Reviews, 2012, 47, 620-632.	3.4	7
82	Recent Analytical Applications of Molecular Spectroscopy in Bioorganometallic Chemistryâ€"Part I: Metal Carbonyls. Applied Spectroscopy Reviews, 2012, 47, 531-549.	3.4	12
83	Synthesis, structural characterization and anticancer activity of some new complexes of 6-amino-4-hydroxy-2-thiopyrimidine. Journal of Molecular Structure, 2012, 1028, 208-214.	1.8	38
84	Azobenzene Photoisomerization under High External Pressures: Testing the Strength of a Light-Activated Molecular Muscle. Journal of Physical Chemistry B, 2012, 116, 9860-9865.	1.2	45
85	Raman, FTIR, Photoacoustic-Infrared, and Inelastic Neutron Scattering Spectra of Ternary Metal Hydride Salts A₂MH₅, (A = Ca, Sr, Eu; M = Ir, Rh) and Their Deuterides. Journal of Physical Chemistry A, 2012, 116, 2490-2496.	1.1	4
86	Pressure-tuning, FT-Raman spectra of m-phthalic acid, m-C6H4(COOH)2, and a gadolinium(III) m-phthalate salt. Journal of Molecular Structure, 2012, 1024, 73-76.	1.8	1
87	High-pressure resonance Raman spectroscopic study of ultramarine blue pigment. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 98, 457-459.	2.0	9
88	A brief introduction to molecular orbital theory of simple polyatomic molecules for undergraduate chemistry students. Quimica Nova, 2012, 35, 1474-1476.	0.3	1
89	An Overview of Molecular Spectroscopic Studies on Theobromine and Related Alkaloids. Applied Spectroscopy Reviews, 2012, 47, 163-179.	3.4	10
90	New dimeric and supramolecular mixed ligand Palladium(II) dithiocarbamates as potent DNA binders. Polyhedron, 2012, 39, 1-8.	1.0	20

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91	Surface-Enhanced Raman Scattering of the Bariandite Oxide Layer on a Vanadium Dioxide Crystal. Australian Journal of Chemistry, 2011, 64, 1621.	0.5	0
92	Hydrothermal Raman microscopy studies of manganese carbonyls. Vibrational Spectroscopy, 2011, 57, 2-2.	1.2	2
93	Synthesis, characterization and anticancer studies of mixed ligand dithiocarbamate palladium(II) complexes. European Journal of Medicinal Chemistry, 2011, 46, 4071-4077.	2.6	84
94	Effect of external high pressures on the clay mineral sodium montmorillonite intercalated with methylated octadecylammonium bromide surfactants. Inorganica Chimica Acta, 2011, 375, 53-56.	1.2	4
95	Synthesis, spectroscopic properties, X-ray single crystal analysis and antimicrobial activities of organotin(IV) 4-(4-methoxyphenyl)piperazine-1-carbodithioates. Inorganica Chimica Acta, 2011, 376, 381-388.	1.2	26
96	Pressure-tuning infrared spectra of the three Magnusâ€™ Green salts, [Pt(NH3)4][PtCl4], [Pt(ND3)4][PtCl4] and [Pt(NH3)4][PtBr4]. Inorganica Chimica Acta, 2011, 377, 155-158.	1.2	4
97	Solâ€“gel preparation of aminopropyl-silica-magnesia hybrid materials. Journal of Sol-Gel Science and Technology, 2011, 59, 135-144.	1.1	8
98	Highâ€pressure Raman spectroscopic and other structural studies of hydrotalcites containing intercalated dicarboxylic acid anions. Journal of Raman Spectroscopy, 2011, 42, 1562-1566.	1.2	5
99	Highâ€pressure studies of the microâ€Raman spectra of iron cyanide complexes: Prussian blue (Fe₄[Fe(CN)₆]₃), potassium ferricyanide (K₃[Fe(CN)₆]), and sodium nitroprusside (Na₂[Fe(CN)₅(NO)]Â·2H₂O). Journal of Raman Spectroscopy, 2011, 42, 1820-1824.	1.2	50
100	Preparation, characterization and pH-metric measurements of 4-hydroxysalicylidenechitosan Schiff-base complexes of Fe(III), Co(II), Ni(II), Cu(II), Zn(II), Ru(III), Rh(III), Pd(II) and Au(III). Carbohydrate Research, 2011, 346, 775-793.	1.1	95
101	New mononuclear organotin(IV) 4-benzhydrylpiperazine-1-carbodithioates: Synthesis, spectroscopic characterization, X-ray structures and in vitro antimicrobial activities. Inorganica Chimica Acta, 2011, 373, 187-194.	1.2	26
102	A high-pressure micro-Raman spectroscopic study of copper cyanide, CuCN. Journal of Materials Science, 2010, 45, 2518-2520.	1.7	9
103	Pressure-tuning infrared spectroscopic study of trans-di-N-thiocyanato-bis(tribenzylphosphine)nickel(II), trans-Ni[(PhCH2)3P]2(NCS)2. Journal of Molecular Structure, 2010, 980, 114-116.	1.8	0
104	Synthesis, characterization and comparison of group 14 pyrrolides and indolides Ph3MX (M=Si, Ge, Sn;) Tj ETQq0 0 0 rgBT /Overlock 10	0.8	7
105	Transition metal complexes of 2-formylpyridinethiosemicarbazone (HFpyTSC) and X-ray crystal structures of [Pd(FpyTSC)(PPh3)]PF6 and [Pd(FpyTSC)(SCN)]. Inorganica Chimica Acta, 2010, 363, 2526-2532.	1.2	20
106	Electroencephalogram Discharges in Atypical Cognitive Development. Journal of Child Neurology, 2010, 25, 556-566.	0.7	22
107	A High-pressure Raman Spectroscopic Study of the Negative Thermal Expansion (NTE) Behaviour of Some Cadmium(II) Cyanide Materials. , 2010, , .		0
108	The effect of high external pressures on the infrared and Raman spectra of crystalline tetra-n-propylammonium bromide. Vibrational Spectroscopy, 2009, 51, 251-254.	1.2	8

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109	Tetrameric 1:1 and monomeric 1:3 complexes of silver(I) halides with tri(p-tolyl)-phosphine: A structural and biological study. Inorganica Chimica Acta, 2009, 362, 1003-1010.	1.2	51
110	New dimeric, trimeric and supramolecular organotin(IV) dithiocarboxylates: Synthesis, structural characterization and biocidal activities. Polyhedron, 2009, 28, 3439-3448.	1.0	58
111	Doubly functionalized multiwall carbon nanotubes with enhanced solubility. Carbon, 2009, 47, 2552-2555.	5.4	4
112	New Antimony(III) Bromide Complexes with Thioamides: Synthesis, Characterization, and Cytostatic Properties. Inorganic Chemistry, 2009, 48, 2233-2245.	1.9	55
113	A Brief Overview of the Effect of High Pressures on the Vibrational Spectra of Biomaterials. Applied Spectroscopy Reviews, 2009, 44, 552-567.	3.4	9
114	Use of methanol and oxygen in promoting the destruction of deca-chlorobiphenyl in supercritical water. Fuel, 2008, 87, 353-358.	3.4	8
115	Synthesis, spectroscopic characterization, and crystal structures of two chlorodiorganotin(IV) 4-(2-methoxyphenyl)piperazine-1-carbodithioates. Inorganica Chimica Acta, 2008, 361, 3322-3326.	1.2	27
116	Raman, FTIR, Photoacoustic-FTIR and Inelastic Neutron Scattering Spectra of Alkaline Earth and Lanthanide Salts of Hexahydridoruthenate(II), A₂RuH₆, (A = Ca, Sr, Eu) and Their Deuterides. Journal of Physical Chemistry A, 2008, 112, 6936-6938.	1.1	9
117	Dicarbonyl(Î·5 -Cyclopentadienyl)-(Thiocarbonyl)Iron(1+) Trifluoromethane-Sulfonate(1-) and Dicarbonyl(Î·5 -Cyclo-Pentadienyl)[(Methylthio)Thiocarbonyl]Iron. Inorganic Syntheses, 2007, , 186-189.	0.3	6
118	7. Tri-Î¼-Chloro-Chlorotetrakis(Triphenylphosphine)Diruthenium(II) Complexes with Acetone Carbonyl and Thiocarbonyl Ligands. Inorganic Syntheses, 2007, , 28-31.	0.3	2
119	Zero-Valent Isocyanide Complexes of Chromium, Molybdenum, and Tungsten. Inorganic Syntheses, 2007, , 140-145.	0.3	1
120	Dicarbonyl(Î·5 -Cyclopentadienylxthio-Carbonyl)Iron(1 +) Hexafluorophosphate(1 -) and Dicarbonyl(Î· 5) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.3	16
121	Synthesis, Structural Characterization, and Biological Studies of Six- and Five-Coordinate Organotin(IV) Complexes with the Thioamides 2-Mercaptobenzothiazole, 5-Chloro-2-mercaptobenzothiazole, and 2-Mercaptobenzoxazole. Inorganic Chemistry, 2007, 46, 1187-1195.	1.9	67
122	Raman Spectroscopic Study of the Molybdate MineralSzenicsiteand Comparison with Other Paragenetically Related Molybdate Minerals. Spectroscopy Letters, 2007, 40, 603-614.	0.5	23
123	Synthesis, Structural Characterization, and Biological Studies of New Antimony(III) Complexes with Thiones. The Influence of the Solvent on the Geometry of the Complexes. Inorganic Chemistry, 2007, 46, 8652-8661.	1.9	50
124	1. Synthesis of (Î·6 -Benzene)Dicarbonyl(Selenocarbonyl)Chromium(0) and Pentacarbonyl(Selenocarbonyl)Chromium(0). Inorganic Syntheses, 2007, , 1-6.	0.3	4
125	Organometallic Complexes of Isomeric Acyl Isocyanides: Chromium Carbonyl (Acyl Isocyanide) and (Acyl Cyanide) Complexes. Inorganic Syntheses, 2007, , 31-36.	0.3	1
126	A New Silver(I) Aggregate Having an Octagonal Ag4S4 Core Where Î¼3-S Bonding Interactions Lead to a Nanotube Assembly that Exhibits Quasiaromaticity. European Journal of Inorganic Chemistry, 2007, 2007, 1219-1224.	1.0	12

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127	A high-pressure, Raman spectroscopic study of bis(pyrophosphato)tetrazinc(II) and -tetramanganese(II) decahydrate salts. Inorganica Chimica Acta, 2007, 360, 3155-3161.	1.2	5
128	Intermediates of thiamine catalysis immobilized on silica surface as active biocatalysts for Î±-ketoacid decarboxylation. Journal of Molecular Catalysis A, 2007, 267, 120-128.	4.8	6
129	Continuous Synthesis of Tin and Indium Oxide Nanoparticles in Subâ€•and Supercritical Water. Journal of the American Ceramic Society, 2007, 90, 2367-2371.	1.9	22
130	Synthesis of nanocrystalline SnO2 in supercritical water. Journal of Nanoparticle Research, 2007, 9, 683-687.	0.8	12
131	Crystal Structure and Vibrational Spectra of Erbium Trisodium Bis(Cyclotriphosphate) Nonahydrate, ErNa3(P3O9)2ÂÂ·Â9H2O. Journal of Chemical Crystallography, 2007, 37, 601-608.	0.5	3
132	Hydrothermal synthesis, crystal structure, and vibrational and MÃ¶ssbauer spectra of a new tricationic orthophosphate Â— KCo3Fe(PO4)3. Canadian Journal of Chemistry, 2006, 84, 124-133.	0.6	10
133	An Overview of195Pt Nuclear Magnetic Resonance Spectroscopy. Applied Spectroscopy Reviews, 2006, 41, 185-226.	3.4	121
134	Vibrational Spectroscopy at High Pressure of the Permanganate Anion Trapped in Potassium Bromide and Potassium Perchlorate Matrices. Journal of Physical Chemistry B, 2006, 110, 9291-9297.	1.2	6
135	Pressure dependence of the Raman spectra of salts of hexahydridoruthenate(II), M2RuH6 (M=Ca, Sr, Eu) and their deuteride analogues. Journal of Alloys and Compounds, 2006, 424, 73-77.	2.8	10
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