

Ian S Butler

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

328
papers

5,720
citations

38
h-index

57
g-index

334
ext. papers

6,258
ext. citations

3.7
avg, IF

5.64
L-index

#	Paper	IF	Citations
328	Ferrocene-functionalized anilines as potent anticancer and antidiabetic agents: Synthesis, spectroscopic elucidation, and DFT calculations. <i>Journal of Molecular Structure</i> , 2022 , 1249, 131632	3.4	1
327	Copper sulfide nanostructures: synthesis and biological applications.. <i>RSC Advances</i> , 2022 , 12, 7550-7567	3.7	3
326	Fabrication and prospective applications of graphene oxide-modified nanocomposites for wastewater remediation.. <i>RSC Advances</i> , 2022 , 12, 11750-11768	3.7	5
325	New ferrocene-integrated multifunctional guanidine surfactants: synthesis, spectroscopic elucidation, DNA interaction studies, and DFT calculations. <i>New Journal of Chemistry</i> , 2021 , 46, 185-198	3.6	1
324	Surfactant-free synthesis of CdS nanorods for efficient reduction of carcinogenic Cr(VI). <i>Journal of Coordination Chemistry</i> , 2021 , 74, 1628-1640	1.6	1
323	Mercury(II) dithiocarbamates: Structural aspects and their use as single-source precursors for shape-controlled facile synthesis of HgS nanoparticles. <i>Polyhedron</i> , 2021 , 193, 114876	2.7	2
322	DNA interaction and anticancer evaluation of new adenine complexes in presence of N, N-donors as secondary chelate. <i>Journal of Molecular Structure</i> , 2021 , 1223, 128976	3.4	1
321	Co and Ni assisted CdS@g-C3N4 nanohybrid: A photocatalytic system for efficient hydrogen evolution reaction. <i>Materials Chemistry and Physics</i> , 2021 , 259, 124140	4.4	6
320	Adsorption of reduced chromium(VI) ions by vitamin C tablets onto a tellurato-functionalized cellulose derivative and its composite with Cyanobacteria green algae in aqueous media. <i>Environmental Progress and Sustainable Energy</i> , 2021 , 40, e13608	2.5	
319	Novel metal complexes of 3-acetylcoumarin-2-hydrazinobenzothiazole Schiff base: Design, structural characterizations, DNA binding, DFT calculations, molecular docking and biological studies. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5643	3.1	11
318	Two new monofunctional platinum(II) dithiocarbamate complexes: -type axial protection, equatorial-axial conformational isomerism, and anticancer and DNA binding studies. <i>Dalton Transactions</i> , 2020 , 49, 15385-15396	4.3	8
317	Recent developments and perspectives in CdS-based photocatalysts for water splitting. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 20752-20780	13	71
316	Complexes based N,N-donors (2,2'-bipyridyl & 2-(2-aminophenyl)benzimidazole); Synthesis, characterization, DNA interaction and toxicity assessment against Chlorella vulgaris microchlorophyte; X-ray crystal structure of [Zn(bpy)3]Cl2. <i>Inorganica Chimica Acta</i> , 2020 , 512, 119885	2.7	1
315	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. <i>Journal of Molecular Structure</i> , 2020 , 1200, 127088	3.4	8
314	New ternary palladium(II) complexes: Synthesis, characterization, in vitro anticancer and antioxidant activities. <i>Inorganic Chemistry Communication</i> , 2019 , 105, 140-146	3.1	13
313	Efficient adsorption of Cd(II) ions from aqueous media onto a semi-interpenetrating bio-composite. <i>Environmental Progress and Sustainable Energy</i> , 2019 , 38, e13253	2.5	2
312	A brief history of distance education in Chemistry at McGill University in Canada. <i>Chemistry Teacher International</i> , 2019 ,	1	1

311	Synthesis of Al_2O_3 nanoparticles and their potential for use as an adsorbent in the removal of methylene blue dye from industrial wastewater. <i>Nanoscale Advances</i> , 2019 , 1, 213-218	5.1	30
310	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 $[\text{Ag}(\text{ka})(\text{PPh}_3)]\text{H}_2\text{O}$. <i>Inorganica Chimica Acta</i> , 2019 , 487, 433-447	2.7	10
309	Synthesis and computational study of new meta- and para-substituted ferrocenyl thioureas as potent protein kinase inhibitors and cytotoxic agents. <i>Inorganica Chimica Acta</i> , 2019 , 488, 8-18	2.7	1
308	Biologically active halo-substituted ferrocenyl thioureas: synthesis, spectroscopic characterization, and DFT calculations. <i>New Journal of Chemistry</i> , 2018 , 42, 7154-7165	3.6	11
307	Removal of copper(II) ions from Aqueous Media by Chemically Modified MCM-41 with N-(3-(trimethoxysilyl)propyl)ethylenediamine and Its 4-hydroxysalicylidene Schiff-base. <i>Environmental Progress and Sustainable Energy</i> , 2018 , 37, 746-760	2.5	20
306	Preparation and characterization by infrared emission spectroscopy and applications of new mineral-based composite materials of biomedical interest. <i>Applied Spectroscopy Reviews</i> , 2018 , 53, 439-485	4.5	1
305	DNA interaction and anticancer evaluation of new palladium(II), platinum(II) and silver(I) complexes based on (R)- and (S)-1,2-Bis-(1H-benzimidazol-2-yl)-1,2-ethanediol enantiomers. <i>Polyhedron</i> , 2018 , 154, 156-172	2.7	9
304	An Overview of the Potential Therapeutic Applications of CO-Releasing Molecules. <i>Bioinorganic Chemistry and Applications</i> , 2018 , 2018, 8547364	4.2	22
303	Anticancer evaluation and drug delivery of new palladium(II) complexes based on the chelate of alendronate onto hydroxyapatite nanoparticles. <i>Inorganica Chimica Acta</i> , 2018 , 473, 44-50	2.7	14
302	Micro-Raman high-pressure investigation on the malaria pigment hematin anhydride (hematin). <i>Journal of Inorganic Biochemistry</i> , 2018 , 189, 180-184	4.2	1
301	Photoactivated platinum-based anticancer drugs. <i>Coordination Chemistry Reviews</i> , 2018 , 376, 405-429	23.2	58
300	2-Hydroxynaphthaldehyde chitosan schiff-base; new complexes, biosorbent to remove cadmium(II) ions from aqueous media and aquatic ecotoxicity against green alga <i>Pseudokirchneriella subcapitata</i> . <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 3451-3468	6.8	11
299	Catalytic conversion of 5-hydroxymethylfurfural to some value-added derivatives. <i>Green Chemistry</i> , 2018 , 20, 3657-3682	10	155
298	Facile synthesis of fluoro, methoxy, and methyl substituted ferrocene-based urea complexes as potential therapeutic agents. <i>Bioorganic Chemistry</i> , 2017 , 72, 215-227	5.1	13
297	Facile synthesis of low-dimensional SnO ₂ nanostructures: An investigation of their performance and mechanism of action as anode materials for lithium-ion batteries. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2017 , 91, 119-127	3	6
296	Biologically active meta -substituted ferrocenyl nitro and amino complexes: Synthesis, structural elucidation, and DFT calculations. <i>Journal of Organometallic Chemistry</i> , 2017 , 843, 48-61	2.3	5
295	Delocalization in the vicinal lone pairs of hydrazines: Electronic effects in derivatives of 1-(2-nitrophenyl)-1-phenylhydrazine. <i>Journal of Molecular Structure</i> , 2016 , 1116, 30-36	3.4	1
294	Synthesis, structural characterization and biological screening of heteroleptic palladium(II) complexes. <i>Inorganica Chimica Acta</i> , 2016 , 447, 176-182	2.7	12

293	Mechanical Structural Investigation of Ion-Exchanged Lithium Silicate Glass using Micro-Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 7213-7232	3.8	31
292	Synthesis, structural characterization, in vitro bioactivities, interaction with SS-DNA and DFT study of 4-chloro-3-ferrocenylaniline. <i>Inorganica Chimica Acta</i> , 2016 , 442, 46-55	2.7	11
291	Synthesis, characterization and DNA interaction studies of new complexes containing 2-mercaptopbenzothiazole and different dinitrogen or phosphorous aromatic donors. <i>Inorganica Chimica Acta</i> , 2016 , 441, 20-33	2.7	28
290	Bioactivity of new ferrocene incorporated N,N'-disubstituted ureas: Synthesis, structural elucidation and DFT study. <i>Inorganica Chimica Acta</i> , 2016 , 439, 82-91	2.7	21
289	Anticancer activity, DNA-binding and DNA-denaturing aptitude of palladium(II) dithiocarbamates. <i>Inorganica Chimica Acta</i> , 2016 , 451, 31-40	2.7	54
288	Cellulose derivatives modified by sodium tellurate and a chromium(III) tellurate complex. <i>International Journal of Biological Macromolecules</i> , 2016 , 88, 392-402	7.9	1
287	DFT calculations of the molecular structures and vibrational spectra of dimethylzinc and dimethylcadmium complexes with bidentate nitrogen ligands. <i>Canadian Journal of Chemistry</i> , 2016 , 94, 645-647	0.9	0
286	Variable-Temperature Micro-Raman Spectra of the Synthetic Artists' Pigments, Chrome Yellow and Maya Blue: An Undergraduate Research Project. <i>Spectroscopy Letters</i> , 2015 , 48, 556-560	1.1	6
285	In situ synchrotron-based X-ray powder diffraction and micro-Raman study of biomass and residue model compounds at hydrothermal conditions. <i>Energy Science and Engineering</i> , 2015 , 3, 189-195	3.4	2
284	Supercritical Water Gasification of Lactose as a Model Compound for Valorization of Dairy Industry Effluents. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 9296-9306	3.9	48
283	Improving the corrosion performance of hybrid sol-gel matrix by modification with phosphonic acid. <i>Progress in Organic Coatings</i> , 2015 , 80, 49-58	4.8	20
282	Synthesis, characterization and anticancer activity of 3-formylchromone benzoylhydrazone metal complexes. <i>Transition Metal Chemistry</i> , 2015 , 40, 179-187	2.1	32
281	Ferrocene-Based Bioactive Bimetallic Thiourea Complexes: Synthesis and Spectroscopic Studies. <i>Bioinorganic Chemistry and Applications</i> , 2015 , 2015, 386587	4.2	8
280	Recent Applications of Infrared and Raman Spectroscopy in Art Forensics: A Brief Overview. <i>Applied Spectroscopy Reviews</i> , 2015 , 50, 152-157	4.5	10
279	Zinc(II), ruthenium(II), rhodium(III), palladium(II), silver(I), platinum(II) and complexes of 2-(2-hydroxy-5-methylphenyl)-benzotriazole as simple or primary ligand and 2,2'-bipyridyl, 9,10-phenanthroline or triphenylphosphine as secondary ligands: Structure and anticancer activity. <i>Journal of Molecular Structure</i> , 2014 , 1059, 193-201	3.4	39
278	Synthesis of new 4-methylesculetin complexes as anti-neoplastic agents and X-ray structure of dimeric bis-bipyridyl-bis-4-methylesculetinato zinc(II). <i>Inorganica Chimica Acta</i> , 2014 , 423, 132-143	2.7	11
277	Synthesis, characterization, anticancer activity and DNA interaction studies of new 2-aminobenzothiazole complexes; crystal structure and DFT calculations of $[\text{Ag}(\text{Habt})_2]\text{ClO}_4$. <i>Inorganica Chimica Acta</i> , 2014 , 423, 242-255	2.7	31
276	Synthesis, spectral characterization, and anticancer activity of 6-methylpyridine-2-carbaldehydethiosemicarbazone and its complexes; crystal structure and DFT calculations of $[\text{Pd}(\text{mpyptsc})\text{Cl}] \text{DMSO}$. <i>Journal of Coordination Chemistry</i> , 2014 , 67, 2711-2727	1.6	7

275	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-mercaptopurimidine. <i>Inorganica Chimica Acta</i> , 2014 , 423, 144-155	2.7	27
274	A mechanochemical strategy for oxidative addition: remarkable yields and stereoselectivity in the halogenation of organometallic Re(I) complexes. <i>Green Chemistry</i> , 2014 , 16, 1087-1092	10	58
273	A palladium(II) 4-hydroxysalicylidene Schiff-base complex anchored on functionalized MCM-41: An efficient heterogeneous catalyst for the epoxidation of olefins. <i>Applied Catalysis A: General</i> , 2014 , 488, 148-159	5.1	39
272	The role of the sol-gel route on the interaction between rhodamine B and a silica matrix. <i>Journal of Sol-Gel Science and Technology</i> , 2014 , 72, 260-272	2.3	6
271	Bone Repair Stimulation in Rat Mandible by New Chitosan Silver(I) Complexes. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2014 , 63, 846-858	3	11
270	Anticancer activity of organotin(IV) carboxylates. <i>Inorganica Chimica Acta</i> , 2014 , 423, 14-25	2.7	76
269	Multi-step and multi-component organometallic synthesis in one pot using orthogonal mechanochemical reactions. <i>Chemical Science</i> , 2014 , 5, 3576	9.4	76
268	Infrared and Raman spectroscopic characterization of some organic substituted hybrid silicas. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 133, 619-25	4.4	46
267	High-pressure infrared and Raman studies of polymorphism in pharmaceutical compounds: Spironolactone, Forms I and II. <i>Journal of Molecular Structure</i> , 2014 , 1078, 146-150	3.4	4
266	A theoretical investigation of the products in the Frankland reaction of dimethylzinc compounds with nitric oxide. <i>Canadian Journal of Chemistry</i> , 2014 , 92, 948-950	0.9	2
265	Synthesis of reduction-sensitive 1,1-diarylhydrazines from 1,1-diarylamines. <i>Canadian Journal of Chemistry</i> , 2014 , 92, 904-912	0.9	2
264	Variable-Temperature and High-Pressure Micro-Raman Spectra of Inorganic Artists' Pigments: Crystalline Wulfenite, Lead(II) Molybdate(VI), PbMoO ₄ . <i>Spectroscopy Letters</i> , 2014 , 47, 616-620	1.1	5
263	Pressure-tuning micro-Raman spectra of artists' pigments: α - and β -copper phthalocyanine polymorphs. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 117, 61-4	4.4	5
262	A genetic network conferring canalization to a bistable patterning system in <i>Drosophila</i> . <i>Current Biology</i> , 2013 , 23, 2296-2302	6.3	48
261	Pressure-tuning infrared and Raman microscopy study of the DNA bases: adenine, guanine, cytosine, and thymine. <i>Journal of Biomolecular Structure and Dynamics</i> , 2013 , 31, 1490-6	3.6	7
260	Effect of temperature and pressure on selected artists' pigments. <i>New Journal of Chemistry</i> , 2013 , 37, 3833	3.6	8
259	New zinc(II), palladium(II) and platinum(II) complexes of dl-piperidine-2-carboxylic acid; X-ray crystal structure of trans-[Zn ₂ (ECA) ₂ (Hpa)Cl ₆] and anticancer activity of some complexes. <i>Journal of Molecular Structure</i> , 2013 , 1036, 161-167	3.4	22
258	New complexes of 2-hydroxy-1-naphthoic acid and X-ray crystal structure of [Pt(hna)(PPh ₃) ₂]. <i>Journal of Molecular Structure</i> , 2013 , 1036, 196-202	3.4	23

257	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. <i>Journal of Molecular Structure</i> , 2013 , 1036, 510-520	3.4	4
256	Anticancer metallopharmaceutical agents based on mixed-ligand palladium(II) complexes with dithiocarbamates and tertiary organophosphine ligands. <i>Applied Organometallic Chemistry</i> , 2013 , 27, 387-395	3.1	28
255	Determination of the network structure of sensor materials prepared by three different sol-gel routes using Fourier transform infrared spectroscopy (FT-IR). <i>Applied Spectroscopy</i> , 2013 , 67, 441-7	3.1	14
254	New dimeric and supramolecular mixed ligand Palladium(II) dithiocarbamates as potent DNA binders. <i>Polyhedron</i> , 2012 , 39, 1-8	2.7	17
253	Recent Applications of Molecular Spectroscopy in Bioorganometallic Chemistry Part 2: Ferrocenes and Other Organometallic Complexes. <i>Applied Spectroscopy Reviews</i> , 2012 , 47, 620-632	4.5	6
252	Recent Analytical Applications of Molecular Spectroscopy in Bioorganometallic Chemistry Part I: Metal Carbonyls. <i>Applied Spectroscopy Reviews</i> , 2012 , 47, 531-549	4.5	12
251	Synthesis, structural characterization and anticancer activity of some new complexes of 6-amino-4-hydroxy-2-thiopyrimidine. <i>Journal of Molecular Structure</i> , 2012 , 1028, 208-214	3.4	35
250	Azobenzene photoisomerization under high external pressures: testing the strength of a light-activated molecular muscle. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 9860-5	3.4	43
249	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. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 2490-6	2.8	4
248	Pressure-tuning, FT-Raman spectra of m-phthalic acid, m-C6H4(COOH)2, and a gadolinium(III) m-phthalate salt. <i>Journal of Molecular Structure</i> , 2012 , 1024, 73-76	3.4	1
247	High-pressure resonance Raman spectroscopic study of ultramarine blue pigment. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 98, 457-9	4.4	8
246	An Overview of Molecular Spectroscopic Studies on Theobromine and Related Alkaloids. <i>Applied Spectroscopy Reviews</i> , 2012 , 47, 163-179	4.5	9
245	Pressure-Tuning Raman Spectra of the Arene Chromium(0) Chalcocarbonyl Complexes, ($\text{C}_6\text{H}_5\text{CO}_2\text{CH}_3\text{Cr}(\text{CO})_2(\text{CX})$) (X = O, S). <i>Spectroscopy Letters</i> , 2012 , 45, 40-44	1.1	1
244	Supramolecular organotin(IV) dithiocarboxylates as potential antimicrobial agents. <i>Journal of Coordination Chemistry</i> , 2012 , 65, 3238-3253	1.6	10
243	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. <i>Canadian Journal of Chemistry</i> , 2012 , 90, 118-120	0.9	1
242	Surface-Enhanced Raman Scattering of the Bariandite Oxide Layer on a Vanadium Dioxide Crystal. <i>Australian Journal of Chemistry</i> , 2011 , 64, 1621	1.2	
241	Hydrothermal Raman microscopy studies of manganese carbonyls. <i>Vibrational Spectroscopy</i> , 2011 , 57, 2-2	2.1	2
240	Synthesis, characterization and anticancer studies of mixed ligand dithiocarbamate palladium(II) complexes. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 4071-7	6.8	76

239	Effect of external high pressures on the clay mineral sodium montmorillonite intercalated with methylated octadecylammonium bromide surfactants. <i>Inorganica Chimica Acta</i> , 2011 , 375, 53-56	2.7	4
238	Synthesis, spectroscopic properties, X-ray single crystal analysis and antimicrobial activities of organotin(IV) 4-(4-methoxyphenyl)piperazine-1-carbodithioates. <i>Inorganica Chimica Acta</i> , 2011 , 376, 381-388	2.7	24
237	Pressure-tuning infrared spectra of the three Magnus Green salts, $[\text{Pt}(\text{NH}_3)_4][\text{PtCl}_4]$, $[\text{Pt}(\text{ND}_3)_4][\text{PtCl}_4]$ and $[\text{Pt}(\text{NH}_3)_4][\text{PtBr}_4]$. <i>Inorganica Chimica Acta</i> , 2011 , 377, 155-158	2.7	4
236	Sol-gel preparation of aminopropyl-silica-magnesia hybrid materials. <i>Journal of Sol-Gel Science and Technology</i> , 2011 , 59, 135-144	2.3	6
235	High-pressure Raman spectroscopic and other structural studies of hydrotalcites containing intercalated dicarboxylic acid anions. <i>Journal of Raman Spectroscopy</i> , 2011 , 42, 1562-1566	2.3	5
234	High-pressure studies of the micro-Raman spectra of iron cyanide complexes: Prussian blue ($\text{Fe}_4[\text{Fe}(\text{CN})_6]_3$), potassium ferricyanide ($\text{K}_3[\text{Fe}(\text{CN})_6]$), and sodium nitroprusside ($\text{Na}_2[\text{Fe}(\text{CN})_5(\text{NO})]\text{H}_2\text{O}$). <i>Journal of Raman Spectroscopy</i> , 2011 , 42, 1820-1824	2.3	39
233	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). <i>Carbohydrate Research</i> , 2011 , 346, 775-93	2.9	84
232	New mononuclear organotin(IV) 4-benzhydrylpiperazine-1-carbodithioates: Synthesis, spectroscopic characterization, X-ray structures and in vitro antimicrobial activities. <i>Inorganica Chimica Acta</i> , 2011 , 373, 187-194	2.7	20
231	Electroencephalogram discharges in atypical cognitive development. <i>Journal of Child Neurology</i> , 2010 , 25, 556-66	2.5	20
230	A high-pressure micro-Raman spectroscopic study of copper cyanide, CuCN. <i>Journal of Materials Science</i> , 2010 , 45, 2518-2520	4.3	7
229	Pressure-tuning infrared spectroscopic study of trans-di-N-thiocyanato-bis(tribenzylphosphine)nickel(II), trans-Ni[$(\text{PhCH}_2)_3\text{P}]_2(\text{NCS})_2$. <i>Journal of Molecular Structure</i> , 2010 , 980, 114-116	3.4	
228	Synthesis, characterization and comparison of group 14 pyrrolides and indolides Ph_3MX ($\text{M}=\text{Si, Ge, Sn; X=C}_4\text{H}_4\text{N, C}_8\text{H}_6\text{N}$). <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 2557-2561	2.3	6
227	Transition metal complexes of 2-formylpyridinethiosemicarbazone (FpyTSC) and X-ray crystal structures of $[\text{Pd}(\text{FpyTSC})(\text{PPh}_3)]\text{PF}_6$ and $[\text{Pd}(\text{FpyTSC})(\text{SCN})]$. <i>Inorganica Chimica Acta</i> , 2010 , 363, 2526-2532	2.7	20
226	The effect of high external pressures on the infrared and Raman spectra of crystalline tetra-n-propylammonium bromide. <i>Vibrational Spectroscopy</i> , 2009 , 51, 251-254	2.1	6
225	Tetrameric 1:1 and monomeric 1:3 complexes of silver(I) halides with tri(p-tolyl)-phosphine: A structural and biological study. <i>Inorganica Chimica Acta</i> , 2009 , 362, 1003-1010	2.7	46
224	New dimeric, trimeric and supramolecular organotin(IV) dithiocarboxylates: Synthesis, structural characterization and biocidal activities. <i>Polyhedron</i> , 2009 , 28, 3439-3448	2.7	53
223	Doubly functionalized multiwall carbon nanotubes with enhanced solubility. <i>Carbon</i> , 2009 , 47, 2552-2555	0.4	3
222	New antimony(III) bromide complexes with thioamides: synthesis, characterization, and cytostatic properties. <i>Inorganic Chemistry</i> , 2009 , 48, 2233-45	5.1	51

221	A Brief Overview of the Effect of High Pressures on the Vibrational Spectra of Biomaterials. <i>Applied Spectroscopy Reviews</i> , 2009 , 44, 552-567	4.5	8
220	Raman, FTIR, photoacoustic-FTIR and inelastic neutron scattering spectra of alkaline earth and lanthanide salts of hexahydridoruthenate(II), A ₂ RuH ₆ , (A = Ca, Sr, Eu) and their deuterides. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 6936-8	2.8	9
219	Use of methanol and oxygen in promoting the destruction of deca-chlorobiphenyl in supercritical water. <i>Fuel</i> , 2008 , 87, 353-358	7.1	7
218	Synthesis, spectroscopic characterization, and crystal structures of two chlorodiorganotin(IV) 4-(2-methoxyphenyl)piperazine-1-carbodithioates. <i>Inorganica Chimica Acta</i> , 2008 , 361, 3322-3326	2.7	25
217	1. Synthesis of (η -Benzene)Dicarbonyl(Selenocarbonyl)Chromium(0) and Pentacarbonyl(Selenocarbonyl)Chromium(0). <i>Inorganic Syntheses</i> , 2007 , 1-6		2
216	Organometallic Complexes of Isomeric Acyl Isocyanides: Chromium Carbonyl (Acyl Isocyanide) and (Acyl Cyanide) Complexes. <i>Inorganic Syntheses</i> , 2007 , 31-36		1
215	A New Silver(I) Aggregate Having an Octagonal Ag ₄ S ₄ Core Where S-S Bonding Interactions Lead to a Nanotube Assembly that Exhibits Quasiaromaticity. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 1219-1224	2.3	12
214	A high-pressure, Raman spectroscopic study of bis(pyrophosphato)tetrazinc(II) and -tetramanganese(II) decahydrate salts. <i>Inorganica Chimica Acta</i> , 2007 , 360, 3155-3161	2.7	5
213	Intermediates of thiamine catalysis immobilized on silica surface as active biocatalysts for α -ketoacid decarboxylation. <i>Journal of Molecular Catalysis A</i> , 2007 , 267, 120-128		6
212	Continuous Synthesis of Tin and Indium Oxide Nanoparticles in Sub- and Supercritical Water. <i>Journal of the American Ceramic Society</i> , 2007 , 90, 2367-2371	3.8	22
211	Synthesis of nanocrystalline SnO ₂ in supercritical water. <i>Journal of Nanoparticle Research</i> , 2007 , 9, 683-687		11
210	Crystal Structure and Vibrational Spectra of Erbium Trisodium Bis(Cyclotriphosphate) Nonahydrate, ErNa ₃ (P ₃ O ₉) ₂ · 9H ₂ O. <i>Journal of Chemical Crystallography</i> , 2007 , 37, 601-608	0.5	3
209	Dicarbonyl(η -Cyclopentadienyl)-(Thiocarbonyl)Iron(1+) Trifluoromethane-Sulfonate(1-) and Dicarbonyl(η -Cyclo-Pentadienyl)[(Methylthio)Thiocarbonyl]Iron. <i>Inorganic Syntheses</i> , 2007 , 186-189		4
208	7. Tri- η -Chloro-Chlorotetrakis(Triphenylphosphine)Diruthenium(II) Complexes with Acetone Carbonyl and Thiocarbonyl Ligands. <i>Inorganic Syntheses</i> , 2007 , 28-31		2
207	Zero-Valent Isocyanide Complexes of Chromium, Molybdenum, and Tungsten. <i>Inorganic Syntheses</i> , 2007 , 140-145		0
206	Dicarbonyl(η -Cyclopentadienylthio-Carbonyl)Iron(1+) Hexafluorophosphate(1-) and Dicarbonyl(η -Cyclopentadienyl)-[(Methylthio)Thiocarbonyl]Iron. <i>Inorganic Syntheses</i> , 2007 , 100-103		14
205	Synthesis, structural characterization, and biological studies of six- and five-coordinate organotin(IV) complexes with the thioamides 2-mercaptopbenzothiazole, 5-chloro-2-mercaptopbenzothiazole, and 2-mercaptopbenzoxazazole. <i>Inorganic Chemistry</i> , 2007 , 46, 1187-95	5.1	63
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85	Variable-temperature and -pressure vibrational spectra of o-carborane. <i>Inorganic Chemistry</i> , 1989 , 28, 1819-1823	5.1	14
84	Electrical conductivity in a polythiophene induced by complexation with [(<i>eta</i> -C ₅ H ₅)Fe(CO) ₂] ⁺ . <i>Organometallics</i> , 1989 , 8, 2079-2080	3.8	6
83	FT-IR and 2-D NOE phosphorus-31 NMR spectroscopic studies on stereochemically nonrigid, octahedral organochromium(0) complexes. <i>Inorganic Chemistry</i> , 1989 , 28, 1007-1012	5.1	13
82	Quantitative IR Analysis in the Picomole Range of Organometallic-Labeled Biomolecules in KBr Disks. <i>Applied Spectroscopy</i> , 1989 , 43, 1497-1498	3.1	8
81	Complexes in polymers II: FT-IR spectra, iodine oxidation, and photochemistry of [(B-C ₅ H ₅)Fe(CO) ₂] ₂ , [(B-C ₅ H ₅)Mo(CO) ₃] ₂ and Mn ₂ (CO) ₁₀ in polystyrene, poly(methyl methacrylate) and polystyrene-polyacrylonitrile copolymer. <i>Applied Organometallic Chemistry</i> , 1988 , 2, 9-15	3.1	4
80	FT-IR photoacoustic spectra of the surface of Ru ₃ (CO) ₁₂ /Al ₂ O ₃ system. <i>Mikrochimica Acta</i> , 1988 , 95, 171-174	5.8	
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76	Polarized FT-IR Spectra of Transition Metal Carbonyl Complexes Oriented in Nematic Liquid Crystal Solvents. <i>Applied Spectroscopy</i> , 1988 , 42, 497-503	3.1	9
75	Micro-Raman Spectrum of Triuranium Octoxide, U ₃ O ₈ . <i>Applied Spectroscopy</i> , 1988 , 42, 901-902	3.1	35
74	Phase transitions in adamantane derivatives: 2-chloroadamantane. <i>Canadian Journal of Chemistry</i> , 1988 , 66, 1973-1978	0.9	11
73	Arene Displacement Reactions of (B-Arene)chromium(0) Carbonyl Compounds. <i>Comments on Inorganic Chemistry</i> , 1988 , 7, 1-16	3.9	5
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70	Quantitative Analysis of Monomer Composition in Ethylene-Propylene Block Copolymers by FT-IR Spectroscopy. <i>Applied Spectroscopy</i> , 1987 , 41, 319-320	3.1	13
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65	Spin-lattice relaxation time studies and vibrational spectra of solid tricarbonyl(.eta.7-tropylium)chromium(0) and -molybdenum tetrafluoroborates, [(.eta.7-C ₇ H ₇)M(CO) ₃]BF ₄ (M = Cr, Mo). <i>Inorganic Chemistry</i> , 1987 , 26, 32-38	5.1	11
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