

Edward SzÅ,yk

List of Publications by Year in descending order

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149
papers

3,359
citations

147566

31
h-index

205818

48
g-index

150
all docs

150
docs citations

150
times ranked

3861
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of antioxidant capacities of vegetable oils by ferric-ion spectrophotometric methods. <i>Talanta</i> , 2008, 76, 899-905.	2.9	143
2	Copper(I), silver(I) and gold(I) carboxylate complexes as precursors in chemical vapour deposition of thin metallic films. <i>Coordination Chemistry Reviews</i> , 2005, 249, 2232-2258.	9.5	136
3	Determination of toxic metals by ICP-MS in Asiatic and European medicinal plants and dietary supplements. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 30, 54-58.	1.5	114
4	Effect of refining processes on antioxidant capacity, total contents of phenolics and carotenoids in palm oils. <i>Food Chemistry</i> , 2011, 129, 1187-1192.	4.2	105
5	Determination of Antioxidant Capacity, Phenolic Acids, and Fatty Acid Composition of Rapeseed Varieties. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 7502-7509.	2.4	86
6	Comparison of Two Analytical Methods for Assessing Antioxidant Capacity of Rapeseed and Olive Oils. <i>JAOCs</i> , <i>Journal of the American Oil Chemists' Society</i> , 2008, 85, 141-149.	0.8	84
7	Experimental and quantum-chemical studies of ¹⁵ N NMR coordination shifts in palladium and platinum chloride complexes with pyridine, 2,2'-bipyridine and 1,10-phenanthroline. <i>Magnetic Resonance in Chemistry</i> , 2006, 44, 163-170.	1.1	77
8	Multinuclear NMR spectroscopy and antitumor activity of novel platinum(II) complexes with 5,7-disubstituted-1,2,4-triazolo[1,5-a]pyrimidines. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 167-172.	1.5	69
9	CVD of AgI Complexes with Tertiary Phosphines and Perfluorinated Carboxylates—A New Class of Silver Precursors. <i>Chemical Vapor Deposition</i> , 2001, 7, 111-116.	1.4	66
10	Antioxidant capacity, total phenolics, glucosinolates and colour parameters of rapeseed cultivars. <i>Food Chemistry</i> , 2011, 127, 556-563.	4.2	61
11	Structural and luminescence studies of nickel(II) and copper(II) complexes with (1R,2R)-cyclohexanediamine derived unsymmetric Schiff base. <i>Dalton Transactions</i> , 2011, 40, 11012.	1.6	60
12	¹ H, ¹³ C and ¹⁵ N NMR coordination shifts in gold(III), cobalt(III), rhodium(III) chloride complexes with pyridine, 2,2'-bipyridine and 1,10-phenanthroline. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 24-36.	1.1	59
13	Structural correlations for ¹ H, ¹³ C and ¹⁵ N NMR coordination shifts in Au(III), Pd(II) and Pt(II) chloride complexes with lutidines and collidine. <i>Magnetic Resonance in Chemistry</i> , 2010, 48, 417-426.	1.1	53
14	A silver nanoparticle-based method for determination of antioxidant capacity of rapeseed and its products. <i>Analyst</i> , 2012, 137, 3750.	1.7	52
15	The X-ray structure and spectroscopy of platinum(II) complexes with 1,2,4-triazolo[1,5-a]pyrimidines and dimethylsulfoxide. <i>Inorganica Chimica Acta</i> , 2002, 333, 93-99.	1.2	47
16	NIR Spectroscopy and Partial Least-Squares Regression for Determination of Natural α -Tocopherol in Vegetable Oils. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 6980-6987.	2.4	46
17	¹ H, ¹³ C, ¹⁵ N and ¹⁹⁵ Pt NMR studies of Au(III) and Pt(II) chloride organometallics with 2-phenylpyridine. <i>Magnetic Resonance in Chemistry</i> , 2009, 47, 932-941.	1.1	45
18	X-ray diffraction and differential scanning calorimetry studies of ??? transitions in fat mixtures. <i>Food Chemistry</i> , 2005, 92, 133-141.	4.2	44

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19	Determination of phosphorus in food samples by X-ray fluorescence spectrometry and standard spectrophotometric method. <i>Food Chemistry</i> , 2003, 83, 463-467.	4.2	43
20	New procedure of selected biogenic amines determination in wine samples by HPLC. <i>Analytica Chimica Acta</i> , 2014, 834, 58-66.	2.6	41
21	New nickel(ii) and copper(ii) complexes with unsymmetrical Schiff bases derived from (1R,2R)-($\hat{\alpha}$)cyclohexanediamine and the application of Cu(ii) complexes for hybrid thin layers deposition. <i>Dalton Transactions</i> , 2013, 42, 11476.	1.6	40
22	AuI and AgI Complexes with Tertiary Phosphines and Perfluorinated Carboxylates as Precursors for CVD of Gold and Silver. <i>Chemical Vapor Deposition</i> , 2000, 6, 105-108.	1.4	39
23	Spectrophotometric determination of total phosphorus in rape seeds and oils at various stages of technological process: calculation of phospholipids and non-hydratable phospholipids contents in rapeseed oil. <i>Food Chemistry</i> , 2003, 81, 613-619.	4.2	38
24	Thermal decomposition of some silver(I) carboxylates under nitrogen atmosphere. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 1325-1330.	2.0	37
25	Palladium(II) chloride complexes with 1,2,4-triazolo[1,5-a]pyrimidines: X-ray, ^{15}N and ^1H NMR and ^{15}N CP MAS studies. <i>Dalton Transactions RSC</i> , 2000, , 867-872.	2.3	36
26	Spectroscopy and stereochemistry of the optically active copper(II), cobalt(II) and nickel(II) complexes with Schiff bases N,N'- $\hat{\alpha}$ -(1R,2R)- $\hat{\alpha}$ -1,2-cyclohexylenebis(3-methylbenzylideneiminato) and N,N'- $\hat{\alpha}$ -(1R,2R)- $\hat{\alpha}$ -1,2-cyclohexylenebis(5-methylbenzylideneiminato). <i>Polyhedron</i> , 2002, 21, 2711-2717.	1.0	36
27	An Optically Active Nickel(II) Schiff Base Coordination Compound N,N'- $\hat{\alpha}$ -(1R,2R)- $\hat{\alpha}$ -1,2-Cyclohexylenebis(salicylideneiminato)nickel(II).. <i>Acta Chemica Scandinavica</i> , 1997, 51, 274-278.	0.7	36
28	Multinuclear NMR spectroscopy and antiproliferative activity in vitro of platinum(II) and palladium(II) complexes with 6-mercaptopurine. <i>Journal of Molecular Structure</i> , 2004, 707, 241-247.	1.8	34
29	Experimental and quantum-chemical studies of ^1H , ^{13}C and ^{15}N NMR coordination shifts in Pd(II) and Pt(II) chloride complexes with methyl and phenyl derivatives of 2,2'-bipyridine and 1,10-phenanthroline. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 1045-1058.	1.1	33
30	Platinum(IV) complexes with purine analogs. Studies of molecular structure and antiproliferative activity in vitro. <i>Polyhedron</i> , 2008, 27, 2765-2770.	1.0	32
31	The X-ray structure of bis(5,7-dimethyl-1,2,4-triazolo-[1,5 $\hat{\alpha}$]-pyrimidinium) hexachloroplatinate(IV) and spectroscopic properties of Pt(II) and Pt(IV) chloride complexes with 1,2,4-triazolo-[1,5 $\hat{\alpha}$]-pyrimidines. <i>Polyhedron</i> , 2002, 21, 343-348.	1.0	31
32	Characterization of Silver Trimethylacetate Complexes with Tertiary Phosphines as CVD Precursors of Thin Silver Films. <i>Chemical Vapor Deposition</i> , 2005, 11, 53-59.	1.4	31
33	Heteronuclear multiple-quantum correlation ^{15}N - ^1H , cross-polarized magic angle spinning ^{13}C , ^{15}N nuclear magnetic resonance and infrared spectroscopic studies of 1,2,4-triazolo-[1,5 $\hat{\alpha}$]-pyrimidine and its Zn(II) halide and thiocyanate complexes. <i>Polyhedron</i> , 2000, 19, 965-969.	1.0	30
34	Experimental and quantum-chemical studies of ^1H , ^{13}C and ^{15}N NMR coordination shifts in Pd(II) and Pt(II) chloride complexes with quinoline, isoquinoline, and 2,2'-biquinoline. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 1059-1071.	1.1	30
35	Optimization of extraction conditions of antioxidants from sunflower shells (<i>Helianthus annuus</i> L.) before and after enzymatic treatment. <i>Industrial Crops and Products</i> , 2011, 33, 123-131.	2.5	30
36	Thermal and spectroscopic studies of the Ag(I) salts with fluorinated carboxylic and sulfonic acid residues. <i>Thermochimica Acta</i> , 1993, 223, 207-212.	1.2	29

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37	¹ H{ ¹⁵ N} GHMQC study of 5,7-diphenyl-1,2,4-triazolo[1,5-a]pyrimidine and ¹ H, ¹³ C and ¹⁵ N NMR coordination shifts in Au(III) chloride complexes of 1,2,4-triazolo[1,5-a]pyrimidines. <i>Magnetic Resonance in Chemistry</i> , 2002, 40, 529-532.	1.1	29
38	Antioxidant capacity of rapeseed meal and rapeseed oils enriched with meal extract. <i>European Journal of Lipid Science and Technology</i> , 2010, 112, 750-760.	1.0	29
39	Five-coordinate zinc(II) complexes with optically active Schiff bases derived from (1R,2R)-(âˆ“)cyclohexanediamine: X-ray structure and CP MAS NMR characterization of [cyclohexylenebis(5-chlorosalicylideneiminato)zinc(II)pyridine] and [cyclohexylenebis(5-bromosalicylideneiminato)zinc(II)pyridine]. <i>Inorganica Chimica Acta</i> , 2005, 358, 467-475.	1.2	28
40	Thermal and MS studies of silver(I) 2,2-dimethylbutyrate complexes with tertiary phosphines and their application for CVD of silver films. <i>Polyhedron</i> , 2007, 26, 2440-2448.	1.0	28
41	Experimental and quantum chemical studies of ¹ H, ¹³ C and ¹⁵ N NMR coordination shifts in Au(III), Pd(II) and Pt(II) chloride complexes with picolines. <i>Magnetic Resonance in Chemistry</i> , 2009, 47, 228-238.	1.1	28
42	Effect of enzymatic and hydrothermal treatments of rapeseeds on quality of the pressed rapeseed oils. <i>Process Biochemistry</i> , 2010, 45, 7-17.	1.8	28
43	Optimisation of ultrasound-assisted extraction of natural antioxidants from mustard seed cultivars. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 1445-1453.	1.7	28
44	Determination of Cadmium, Lead, and Copper in Margarines and Butters by Galvanostatic Stripping Chronopotentiometry. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 4064-4071.	2.4	27
45	A new derivatization reagent for determination of biogenic amines in wines. <i>Journal of Food Composition and Analysis</i> , 2016, 48, 111-119.	1.9	27
46	NMR Properties of 5,7-Disubstituted Derivatives of 1,2,4-Triazolo[1,5a] pyrimidines. <i>Magnetic Resonance in Chemistry</i> , 1996, 34, 725-727.	1.1	26
47	The studies of tautomerism in 6-mercaptapurine derivatives by ¹ H- ¹³ C, ¹ H- ¹⁵ N NMR and ¹³ C, ¹⁵ N CPMAS-experimental and quantum chemical approach. <i>Journal of Molecular Structure</i> , 2006, 785, 205-215.	1.8	26
48	Studies of new volatile copper(I) complexes with triphenylphosphite and perfluorinated carboxylates. <i>Polyhedron</i> , 1999, 18, 2941-2948.	1.0	25
49	X-ray structure and multinuclear NMR studies of platinum(II) and palladium(II) complexes with 5,7-ditertbutyl-1,2,4-triazolo[1,5-a]pyrimidine. <i>Polyhedron</i> , 2007, 26, 5349-5354.	1.0	25
50	Effect of enzymatic and hydrothermal treatments of rapeseeds on quality of the pressed rapeseed oils: part II. Oil yield and oxidative stability. <i>Process Biochemistry</i> , 2010, 45, 247-258.	1.8	25
51	Synthesis and spectroscopic studies of the optically active copper(II), cobalt(II) and nickel(II) complexes with Schiff bases N,N- ² -(1R,2R)(âˆ“)-1,2-cyclohexylenebis(3-methoxybenzylideneiminato), N,N- ² -(1R,2R)(âˆ“)-1,2-cyclohexylenebis(5-methoxybenzylideneiminato) and X-ray diffraction structure of the [Cu(II)(1R,2R)(âˆ“)chxnbis(5-methylbenzylideneiminato)2]. <i>Inorganica Chimica Acta</i> , 2005, 358, 3642-3652.	1.2	24
52	¹ H, ¹³ C and ¹⁵ N nuclear magnetic resonance coordination shifts in Au(III), Pd(II) and Pt(II) chloride complexes with phenylpyridines. <i>Magnetic Resonance in Chemistry</i> , 2009, 47, 658-665.	1.1	23
53	¹ H, ¹³ C, ¹⁹⁵ Pt and ¹⁵ N NMR structural correlations in Pd(II) and Pt(II) chloride complexes with various alkyl and aryl derivatives of 2,2'-bipyridine and 1,10-phenanthroline. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 59-64.	1.1	23
54	The molecular structures of copper(II) chloroacetate complexes with 5,7-dimethyl-1,2,4-triazolo-[1,5- λ]-pyrimidine and 5,7-diphenyl-1,2,4-triazolo-[1,5- λ]-pyrimidine. <i>Polyhedron</i> , 1998, 18, 519-528.	1.0	22

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55	An optically active nickel(II) Schiff base coordination compound N,Nâ€²-(1R,2R)-($\hat{\alpha}$)-1,2-cyclohexylenebis(2-hydroxyacetophenonylideneiminato)nickel(II). <i>Inorganica Chimica Acta</i> , 1999, 293, 239-244.	1.2	22
56	X-ray structure and multinuclear NMR studies of platinum(II) complexes with 5-methyl-1,2,4-triazolo[1,5-a]pyrimidin-7(4H)-one. <i>Polyhedron</i> , 2007, 26, 803-810.	1.0	22
57	X-ray crystal structure and nuclear Overhauser effect studies of cerium(IV) complexes with Schiff bases obtained from N,Nâ€²-(1R,2R)-($\hat{\alpha}$)-1,2-cyclohexanediamine and benzaldehyde derivatives. <i>Polyhedron</i> , 2008, 27, 765-776.	1.0	22
58	Determination of phosphate compounds in meat products by ³¹ P-Phosphorus Nuclear Magnetic Resonance spectroscopy with methylenediphosphonic acid after alkaline extraction. <i>Analytica Chimica Acta</i> , 2010, 673, 73-78.	2.6	22
59	Structural studies of copper(II) complexes with 2-(2-aminoethyl)pyridine derived Schiff bases and application as precursors of thin organicâ€“inorganic layers. <i>Dalton Transactions</i> , 2014, 43, 9924-9933.	1.6	22
60	Determination of mycotoxins, alkaloids, phytochemicals, antioxidants and cytotoxicity in Asiatic ginseng (Ashwagandha, Dong quai, Panax ginseng). <i>Chemical Papers</i> , 2017, 71, 1073-1082.	1.0	22
61	Facile preparation of copper nitride powders and nanostructured films. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5031-5037.	2.7	21
62	Determination of phytochemicals, antioxidant activity and total phenolic content in <i>Andrographis paniculata</i> using chromatographic methods. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 995-996, 101-106.	1.2	20
63	Application of ion chromatography for the determination of biogenic amines in food samples. <i>Journal of Analytical Chemistry</i> , 2015, 70, 1131-1138.	0.4	20
64	Studies of thermal decomposition process of Ag(I) perfluorinated carboxylates with temperature variable IR and MS. <i>Polyhedron</i> , 2001, 20, 2853-2861.	1.0	19
65	Gas phase studies of new copper(I) carboxylates compounds with vinylsilanes and their application in Chemical Vapor Deposition (CVD). <i>Polyhedron</i> , 2009, 28, 721-728.	1.0	19
66	Determination of Histamine in Some Foods by Isotachophoretic Method with Simple Sample Preparation. <i>Food Analytical Methods</i> , 2012, 5, 1079-1087.	1.3	19
67	Determination of anti-oxidant capacity and content of phenols, phenolic acids, and flavonols in Indian and European gooseberry. <i>Chemical Papers</i> , 2012, 66, .	1.0	19
68	The crystal and molecular structures of dichlorobis(5,7-diphenyl-1,2,4-triazolo[1,5- \hat{f}]pyrimidine)zinc(II) (1) and dichlorobis(5,7-diphenyl-1,2,4-triazolo[1,5- \hat{f}]pyrimidine)cobalt(II) (2). <i>Inorganica Chimica Acta</i> , 1997, 260, 145-150.	1.2	18
69	Synthesis, spectroscopical characterization and the biological activity in vitro of new platinum(II) complexes with imidazo[1,5-a]-1,3,5-triazine derivatives and dimethylsulfoxide. <i>Inorganica Chimica Acta</i> , 2005, 358, 1911-1917.	1.2	18
70	Simultaneous and rapid determination of added phosphorus(V) compounds in meat samples by capillary isotachopheresis. <i>LWT - Food Science and Technology</i> , 2008, 41, 2097-2103.	2.5	18
71	Elemental Analysis of Medicinal Herbs and Dietary Supplements. <i>Analytical Letters</i> , 2015, 48, 2626-2638.	1.0	18
72	¹ H, ¹³ C, ¹⁵ N NMR coordination shifts in Fe(II), Ru(II) and Os(II) cationic complexes with 2,2â€²:6â€²,2â€²â€³â€³â€³-terpyridine. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 237-241.	1.1	17

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73	Determination of Antioxidant Capacity of Unprocessed and Processed Food Products by Spectrophotometric Methods. <i>Food Analytical Methods</i> , 2012, 5, 807-813.	1.3	17
74	Spectroscopic Determination of Metals in Palm Oils from Different Stages of the Technological Process. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 2276-2283.	2.4	17
75	Synthesis and characterization of Cu(I) chelate complexes with 1,3-bis(diphenylphosphino)propane, 1,2-bis(diphenylphosphino)benzene and perfluorinated carboxylates. <i>Polyhedron</i> , 2003, 22, 3389-3393.	1.0	16
76	Application of 3,5-bis-(trifluoromethyl)phenyl isothiocyanate for the determination of selected biogenic amines by LC-tandem mass spectrometry and ¹⁹ F NMR. <i>Food Chemistry</i> , 2018, 239, 225-233.	4.2	16
77	X-Ray crystal structure of [Ag ₄ (¹ / ₄ -dppm) ₂ (¹ / ₄ -C ₂ F ₅ COO) ₄]. Synthesis and spectroscopy of silver(i) perfluorinated carboxylate complexes with bis(diphenylphosphino)methane. <i>Dalton Transactions</i> , 2003, , 3404-3410.	1.6	15
78	¹ H NMR assignment corrections and ¹ H, ¹³ C, ¹⁵ N NMR coordination shifts structural correlations in Fe(II), Ru(II) and Os(II) cationic complexes with 2,2'-bipyridine and 1,10-phenanthroline. <i>Magnetic Resonance in Chemistry</i> , 2010, 48, 450-457.	1.1	15
79	X-Ray structural and gas phase studies of silver(i) perfluorinated carboxylate complexes with 2,2'-bipyridyl as potential precursors for chemical vapour deposition (CVD). <i>Dalton Transactions</i> , 2010, 39, 1823.	1.6	15
80	Structural and spectroscopic studies of Au(III) and Pd(II) chloride complexes and organometallics with 2-benzylpyridine. <i>Journal of Molecular Structure</i> , 2013, 1032, 195-202.	1.8	15
81	From binary to multinary copper based nitrides – Unlocking the potential of new applications. <i>Coordination Chemistry Reviews</i> , 2021, 436, 213791.	9.5	15
82	The crystal and molecular structures of catena[bis(¹ / ₂ -chloro)-(¹ / ₂ -pyridazine-N,N')]cadmium(II) and catena[bis(¹ / ₂ -chloro)-(¹ / ₂ -pyridazine-N,N')]mercury(II) and the solid-phase ¹³ C, ¹⁵ N NMR studies of Zn(II), Cd(II), Hg(II) chloride complexes with pyridazine. <i>Journal of Molecular Structure</i> , 2004, 697, 143-149.	1.8	14
83	Ag/Cu layers grown on Si(111) substrates by thermal inducted chemical vapor deposition. <i>Surface and Coatings Technology</i> , 2007, 201, 9015-9020.	2.2	14
84	Phosphate additives determination in meat products by ³¹ P-phosphorus nuclear magnetic resonance using new internal reference standard: Hexamethylphosphoroamide. <i>Talanta</i> , 2011, 84, 199-203.	2.9	14
85	Simultaneous determination of selected biogenic amines in alcoholic beverage samples by isotachopheric and chromatographic methods. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014, 31, 83-92.	1.1	14
86	The bonding of ribavirin to platinum(II) ion.. <i>Polyhedron</i> , 2002, 21, 2001-2007.	1.0	13
87	Synthesis, Optical, and Morphological Studies of ZnO Powders and Thin Films Fabricated by Wet Chemical Methods. <i>Materials</i> , 2020, 13, 2559.	1.3	13
88	Effect of Hydrothermal Treatment of Rapeseed on Antioxidant Capacity of the Pressed Rapeseed Oil. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2009, 86, 817-825.	0.8	12
89	Structural and ¹ H, ¹³ C, ¹⁵ N NMR spectroscopic studies of Pd(II) chloride organometallics with 2-phenylpyridine and ammonia, pyridine or its methyl derivatives. <i>Polyhedron</i> , 2015, 92, 41-51.	1.0	12
90	Studies of thermal decomposition of palladium(II) complexes with olefin ligands. <i>Thermochemica Acta</i> , 2009, 495, 85-89.	1.2	11

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91	Platinum(IV) coordination compounds containing 5-methyl-1,2,4-triazolo[1,5-a]pyrimidin-7(4H)-one as nonleaving ligand. Molecular and cytotoxicity in vitro characterization. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 497-501.	2.0	11
92	Electron interaction with copper(II) carboxylate compounds. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 384-398.	1.5	11
93	(Trifluoroacetato)(triphenylphosphine)gold(I). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1988, 44, 2197-2198.	0.4	10
94	New Separation Material Obtained from Waste Rapeseed Cake for Copper(II) and Zinc(II) Removal from the Industrial Wastewater. <i>Materials</i> , 2021, 14, 2566.	1.3	10
95	Studies of the hydrated complexes of ZnCl ₂ with adenosine. <i>Polyhedron</i> , 1992, 11, 3147-3153.	1.0	9
96	Title is missing!. <i>Transition Metal Chemistry</i> , 2000, 25, 670-673.	0.7	9
97	¹ H{ ¹⁵ N} heteronuclear correlation and ¹⁵ N cross-polarized magic angle spinning NMR studies of the coordination modes in Zn(II) chloride complexes with purine and methylpurines. <i>Polyhedron</i> , 2003, 22, 391-396.	1.0	9
98	Determination of total phosphorus in soya food samples by capillary isotachopheresis (cITP). <i>Talanta</i> , 2004, 63, 575-580.	2.9	9
99	¹ H, ¹³ C, ¹⁵ N NMR and ¹³ C, ¹⁵ N CPMAS studies of cobalt(III)-chloride-pyridine complexes, spontaneous py ⁺ Cl substitution in trans-[Co(py) ₄ Cl ₂]Cl, and a new synthesis of mer-[Co(py) ₃ Cl ₃]. <i>Open Chemistry</i> , 2008, 6, 55-64.	1.0	9
100	Evaluation of antioxidants in Dong quai (<i>Angelica sinensis</i>) and its dietary supplements. <i>Chemical Papers</i> , 2014, 68, .	1.0	9
101	Studies of levels of biogenic amines in meat samples in relation to the content of additives. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 1-14.	1.1	9
102	Optimization of cheese sample preparation methodology for free amino acid analysis by capillary isotachopheresis. <i>Journal of Food Composition and Analysis</i> , 2015, 40, 136-142.	1.9	9
103	Structural and spectral studies of silver(I) complexes with new Schiff bases derived from 2-thiopheneethylamine and their application in thin layer deposition by spin and dip coating techniques. <i>Polyhedron</i> , 2017, 124, 12-21.	1.0	9
104	Synthesis, spectroscopic characterization, fluorescence properties of new silver(I) complexes with optically active Schiff bases and their application in thin layers deposition. <i>Polyhedron</i> , 2017, 135, 153-160.	1.0	9
105	Studies of the hydrated complexes of NiBr ₂ with adenosine. <i>Transition Metal Chemistry</i> , 1991, 16, 218-222.	0.7	8
106	Synthesis, thermal, spectroscopic, and X-ray studies of (dichloroacetato)(triphenylphosphine)gold(I). <i>Journal of Crystallographic and Spectroscopic Research</i> , 1992, 22, 527-531.	0.3	8
107	The synthesis, characterization and fluorescence properties of new benzimidazole derivatives. <i>Journal of Luminescence</i> , 2019, 211, 88-95.	1.5	8
108	Thermal and spectroscopic studies of Ag(I) complexes with trimethylphosphine and perfluorinated carboxylates. <i>Thermochimica Acta</i> , 1997, 303, 41-46.	1.2	7

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109	Thermal studies of Ag(I) complexes with triethylphosphine and perfluorinated carboxylates. <i>Thermochimica Acta</i> , 1998, 315, 121-128.	1.2	7
110	Electrochemical and electrocatalytic studies of the N,N'-bis-(1R,2R)-(1,2-cyclohexylenebis(salicylideneiminato)cobalt(II) complex. <i>Journal of Solid State Electrochemistry</i> , 2001, 5, 221-226.	1.2	7
111	VARIABLE-TEMPERATURE ³¹ P AND ⁶³ Cu NMR AND MASS SPECTROSCOPIC CHARACTERISATION OF NEW COPPER(II) PERFLUORINATED CARBOXYLATE COMPLEXES WITH 1,2-BIS(DIPHENYLPHOSPHINE)ETHANE. <i>Journal of Coordination Chemistry</i> , 2001, 53, 55-67.	0.8	7
112	Determination of Free Tryptophan in Beer Samples by Capillary Isotachophoretic Method. <i>Food Analytical Methods</i> , 2020, 13, 850-862.	1.3	7
113	Copper Nitride Nanowire Arrays – Comparison of Synthetic Approaches. <i>Materials</i> , 2021, 14, 603.	1.3	7
114	Studies of the thermal dehydration reaction of Ni(II) complexes with adenosine. <i>Thermochimica Acta</i> , 1991, 190, 345-351.	1.2	6
115	The crystal and molecular structure of potassium aquapentachloroiridate(III) and the ¹ H, ¹³ C, ¹⁵ N NMR coordination shifts in iridium(III) chloride complexes with 2,2'-bipyridine or 1,10-phenanthroline. <i>Polyhedron</i> , 2008, 27, 3067-3078.	1.0	6
116	Simultaneous determination of selected anti-nutritional components in Asiatic plants using ion chromatography. <i>European Food Research and Technology</i> , 2016, 242, 1515-1521.	1.6	6
117	Copper(II) Schiff base complexes and their mixed thin layers with ZnO nanoparticles. <i>Journal of Chemical Sciences</i> , 2016, 128, 1057-1066.	0.7	6
118	New procedure for column-switching isotachophoretic determination of vitamins B1 and B6 in beer samples. <i>Journal of Food Composition and Analysis</i> , 2017, 57, 80-86.	1.9	6
119	Structural and spectroscopic studies of Au(III) chloride compounds with 7,8-benzoquinoline. <i>Polyhedron</i> , 2018, 139, 155-171.	1.0	6
120	Synthesis and spectroscopic characterization of palladium(II) complexes with 6,8-dimethylimidazo[1,5-a]-1,3,5-triazin-4(3H)-one and 6,8-dimethyl-2-thioxo-2,3-dihydroimidazo-[1,5-a]-1,3,5-triazin-4(1H)-one. <i>Transition Metal Chemistry</i> , 2007, 32, 70-73.	0.7	5
121	New fluorescent [Ag(I)(Schiff base)] complexes derived from 9-anthracenecarboxaldehyde and their application in thin layers deposition. <i>Polyhedron</i> , 2017, 134, 177-191.	1.0	5
122	Simultaneous Determination of Isoquinoline Alkaloids in Medicinal Asiatic Plants by Ultrasound-Assisted Extraction and High-Performance Liquid Chromatography – Mass Spectrometry with Principal Component Analysis. <i>Analytical Letters</i> , 2018, 51, 2577-2587.	1.0	5
123	Dichlorodipyridazinezinc(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m1270-m1272.	0.2	4
124	Application of isotachophoretic and conductometric methods for neomycin trisulphate determination. <i>Chemical Papers</i> , 2009, 63, .	1.0	4
125	Application of ³¹ P NMR for added polyphosphate determination in pork meat. <i>Chemical Papers</i> , 2009, 63, .	1.0	4
126	Simple and rapid determination of phosphorus in meat samples by WD-XRF method. <i>Journal of Analytical Chemistry</i> , 2010, 65, 376-381.	0.4	4

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127	Optimization of Capillary Isotachophoretic Method for Histidine Determination in Protein Matrices. <i>Analytical Letters</i> , 2013, 46, 1364-1378.	1.0	4
128	Simple extraction procedure for free amino acids determination in selected gluten-free flour samples. <i>European Food Research and Technology</i> , 2022, 248, 507-517.	1.6	4
129	5,7-Diphenyl[1,2,4]triazolo[1,5-a]pyrimidine at 122K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999, 55, 1337-1339.	0.4	3
130	Title is missing!. <i>Transition Metal Chemistry</i> , 2002, 27, 501-505.	0.7	3
131	Determination of benzoate, sorbate, citrate and orthophosphate ions in beverage samples using two-dimensional isotachophoretic method. <i>Journal of Analytical Chemistry</i> , 2012, 67, 172-178.	0.4	3
132	2,6-Bis(diphenylphosphorylmethyl)pyridine ethanol solvate 2.5-hydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1989, 45, 1234-1236.	0.4	2
133	A copper(II) chloride complex of hexamethylenetetramine. <i>Transition Metal Chemistry</i> , 1991, 16, 413-415.	0.7	2
134	Structure and spectral properties of 10-(3-dimethylaminopropyl)phenothiazinium chloride and Reinecke salts. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1993, 23, 649-655.	0.3	2
135	Application of Fluorimetric Methods for Selected Additives Determination in Food Products. <i>Czech Journal of Food Sciences</i> , 2009, 27, S337-S339.	0.6	2
136	Determination of phenolic acids in dietary supplements containing <i>Vitis vinifera</i> (grape vine) by HPLC-PDA method. <i>Acta Alimentaria</i> , 2013, 42, 400-409.	0.3	2
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141	New highly fluorescent silver complexes and their thin films obtained by spin coating method. <i>New Journal of Chemistry</i> , 2018, 42, 18559-18568.	1.4	1
142	Studies of the hydrated coordination salts of Ni(ClO) ₄ with adenosine. <i>Journal of Inorganic Biochemistry</i> , 1991, 43, 471.	1.5	0
143	Studies of the thermal dehydration reaction of Ni(NCS) ₂ complexes with adenosine. <i>Thermochimica Acta</i> , 1993, 216, 249-254.	1.2	0
144	Studies of the hydrated Zn(II) and Cd(II) halides complexes with adenosine. <i>Journal of Inorganic Biochemistry</i> , 1995, 59, 165.	1.5	0

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145	Thermal and structural characterization of copper(II) complexes with phenyl-2-pyridylketoxime (HPPK). <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 128, 1591-1599.	2.0	0
146	Hexakis(1H-imidazole- $\hat{\rho}$ N3)cobalt(III) tris(hexafluoridophosphate) hexahydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m1256-m1257.	0.2	0
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148	The in vitro study of influence of four novel platinum compounds on rodent melanoma cells. <i>Acta Poloniae Pharmaceutica</i> , 2001, 58, 169-74.	0.3	0
149	Indirect determination of neomycin trisulphate as sulphate by column coupling capillary isotachopheresis. <i>Acta Poloniae Pharmaceutica</i> , 2005, 62, 163-9.	0.3	0