

Valeria M Nurchi

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4312906/valeria-m-nurchi-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

155
papers

4,126
citations

31
h-index

58
g-index

164
ext. papers

4,877
ext. citations

5.8
avg. IF

5.63
L-index

#	Paper	IF	Citations
155	Noble metals in medicine: Latest advances. <i>Coordination Chemistry Reviews</i> , 2015 , 284, 329-350	23.2	478
154	The essential metals for humans: a brief overview. <i>Journal of Inorganic Biochemistry</i> , 2019 , 195, 120-129	4.2	235
153	Copper-related diseases: From chemistry to molecular pathology. <i>Coordination Chemistry Reviews</i> , 2010 , 254, 876-889	23.2	171
152	Silver coordination compounds: A new horizon in medicine. <i>Coordination Chemistry Reviews</i> , 2016 , 327-328, 349-359	23.2	154
151	Iron chelating agents for the treatment of iron overload. <i>Coordination Chemistry Reviews</i> , 2008 , 252, 1225-1240	23.2	125
150	Toxicity of nanoparticles. <i>Current Medicinal Chemistry</i> , 2014 , 21, 3837-53	4.3	124
149	Stress and beta-carbolines decrease the density of low affinity GABA binding sites; an effect reversed by diazepam. <i>Brain Research</i> , 1984 , 305, 13-8	3.7	99
148	Medical Uses of Silver: History, Myths, and Scientific Evidence. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 5923-5943	8.3	97
147	Uneven hepatic iron and phosphorus distribution in beta-thalassemia. <i>Journal of Hepatology</i> , 1995 , 23, 544-9	13.4	86
146	Agricultural biomasses as sorbents of some trace metals. <i>Coordination Chemistry Reviews</i> , 2008 , 252, 1178-1188	23.2	84
145	Uneven hepatic copper distribution in Wilson's disease. <i>Journal of Hepatology</i> , 1995 , 22, 303-8	13.4	84
144	Chelating agents for human diseases related to aluminium overload. <i>Coordination Chemistry Reviews</i> , 2012 , 256, 89-104	23.2	81
143	Potentiometric, spectrophotometric and calorimetric study on iron(III) and copper(II) complexes with 1,2-dimethyl-3-hydroxy-4-pyridinone. <i>Journal of Inorganic Biochemistry</i> , 2008 , 102, 684-92	4.2	78
142	Effect of substituents on complex stability aimed at designing new iron(III) and aluminum(III) chelators. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 227-36	4.2	63
141	Chemical equilibria in wastewaters during toxic metal ion removal by agricultural biomass. <i>Coordination Chemistry Reviews</i> , 2010 , 254, 2181-2192	23.2	62
140	The meaning of aluminium exposure on human health and aluminium-related diseases. <i>Biomolecular Concepts</i> , 2013 , 4, 77-87	3.7	58
139	Arsenic Toxicity: Molecular Targets and Therapeutic Agents. <i>Biomolecules</i> , 2020 , 10,	5.9	57

138	Bisphosphonate chelating agents: complexation of Fe(III) and Al(III) by 1-phenyl-1-hydroxymethylene bisphosphonate and its analogues. <i>Inorganica Chimica Acta</i> , 2002 , 339, 111-118	2.7	56
137	Zinc in gastrointestinal and liver disease. <i>Coordination Chemistry Reviews</i> , 2008 , 252, 1257-1269	23.2	51
136	Sorption of toxic metal ions by solid sorbents: A predictive speciation approach based on complex formation constants in aqueous solution. <i>Coordination Chemistry Reviews</i> , 2012 , 256, 212-221	23.2	49
135	A windmill-shaped hexacopper(II) molecule built up by template core-controlled expansion of diaquatetrakis(mu ² -adeninato-N3,N9)dicopper(II) with aqua(oxydiacetato)copper(II). <i>Inorganic Chemistry</i> , 2006 , 45, 877-82	5.1	49
134	Iron(III) and aluminum(III) complexes with hydroxypyronone ligands aimed to design kojic acid derivatives with new perspectives. <i>Journal of Inorganic Biochemistry</i> , 2010 , 104, 560-9	4.2	45
133	Human diseases related to aluminium overload. <i>Monatshefte Für Chemie</i> , 2011 , 142, 331-340	1.4	43
132	Brain copper, iron, magnesium, zinc, calcium, sulfur and phosphorus storage in Wilson's disease. <i>Journal of Trace Elements in Medicine and Biology</i> , 2001 , 15, 155-60	4.1	42
131	Depleted Uranium and Human Health. <i>Current Medicinal Chemistry</i> , 2018 , 25, 49-64	4.3	41
130	Complex formation equilibria of Cu(II) and Zn(II) with triethylenetetramine and its mono- and di-acetyl metabolites. <i>Dalton Transactions</i> , 2013 , 42, 6161-70	4.3	41
129	A Review on Coordination Properties of Thiol-Containing Chelating Agents Towards Mercury, Cadmium, and Lead. <i>Molecules</i> , 2019 , 24,	4.8	40
128	Kojic acid derivatives as powerful chelators for iron(III) and aluminium(III). <i>Dalton Transactions</i> , 2011 , 40, 5984-98	4.3	39
127	Metal ion binding modes of hypoxanthine and xanthine versus the versatile behaviour of adenine. <i>Coordination Chemistry Reviews</i> , 2012 , 256, 193-211	23.2	37
126	Kill or cure: Misuse of chelation therapy for human diseases. <i>Coordination Chemistry Reviews</i> , 2015 , 284, 278-285	23.2	35
125	Chemical features of in use and in progress chelators for iron overload. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016 , 38, 10-18	4.1	32
124	Nickel binding sites in histone proteins: Spectroscopic and structural characterization. <i>Coordination Chemistry Reviews</i> , 2013 , 257, 2737-2751	23.2	31
123	Oral iron chelators for clinical use. <i>Polyhedron</i> , 1999 , 18, 3219-3226	2.7	30
122	Simultaneous decomposition of several spectra into the constituent Gaussian peaks. <i>Analytica Chimica Acta</i> , 1995 , 316, 195-204	6.6	30
121	Biomass against emerging pollution in wastewater: Ability of cork for the removal of ofloxacin from aqueous solutions at different pH. <i>Journal of Environmental Chemical Engineering</i> , 2013 , 1, 1199-1204	6.8	29

120	Equilibrium study on Cd(II) and Zn(II) chelates of mercapto carboxylic acids. <i>Polyhedron</i> , 2002 , 21, 1319-1327	2.7	29
119	Unravelling the versatile metal binding modes of adenine: Looking at the molecular recognition patterns of deaza- and aza-adenines in mixed ligand metal complexes. <i>Coordination Chemistry Reviews</i> , 2013 , 257, 2814-2838	23.2	28
118	Characterization of the ionization and spectral properties of sulfonephthalein indicators. Correlation with substituent effects and structural features. Part II. <i>Talanta</i> , 1995 , 42, 1157-63	6.2	28
117	Searching for new aluminium chelating agents: a family of hydroxypyronone ligands. <i>Journal of Inorganic Biochemistry</i> , 2014 , 130, 112-21	4.2	26
116	Iron and other metals in the pathogenesis of Parkinson's disease: Toxic effects and possible detoxification. <i>Journal of Inorganic Biochemistry</i> , 2019 , 199, 110717	4.2	25
115	Hydroxypyridinones with enhanced iron chelating properties. Synthesis, characterization and in vivo tests of 5-hydroxy-2-(hydroxymethyl)pyridine-4(1H)-one. <i>Dalton Transactions</i> , 2016 , 45, 6517-28	4.3	25
114	Gold - Old Drug with New Potentials. <i>Current Medicinal Chemistry</i> , 2018 , 25, 75-84	4.3	25
113	A new bis-3-hydroxy-4-pyrone as a potential therapeutic iron chelating agent. Effect of connecting and side chains on the complex structures and metal ion selectivity. <i>Journal of Inorganic Biochemistry</i> , 2014 , 141, 132-143	4.2	25
112	A Speciation Study on the Perturbing Effects of Iron Chelators on the Homeostasis of Essential Metal Ions. <i>PLoS ONE</i> , 2015 , 10, e0133050	3.7	25
111	Different approaches to the study of chelating agents for iron and aluminium overload pathologies. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 585-601	4.4	25
110	Does Iron Concentration in a Liver Needle Biopsy Accurately Reflect Hepatic Iron Burden in β -Thalassemia?. <i>Clinical Chemistry</i> , 2000 , 46, 1185-1188	5.5	25
109	Reliability of association constants of 1:1 molecular complexes from spectrophotometric data. <i>Tetrahedron</i> , 1981 , 37, 2115-2119	2.4	25
108	Chelating agents for metal intoxication. <i>Current Medicinal Chemistry</i> , 2012 , 19, 2794-815	4.3	24
107	Copper(II) and nickel(II) uptake from aqueous solutions by cork wastes: a NMR and potentiometric study. <i>Polyhedron</i> , 2002 , 21, 1363-1367	2.7	24
106	Chelating principles in Menkes and Wilson diseases: Choosing the right compounds in the right combinations at the right time. <i>Journal of Inorganic Biochemistry</i> , 2019 , 190, 98-112	4.2	24
105	Competition between Cd(II) and other divalent transition metal ions during complex formation with amino acids, peptides, and chelating agents. <i>Coordination Chemistry Reviews</i> , 2016 , 327-328, 55-69	23.2	23
104	Characterization of the ionization and spectral properties of sulfonephthalein indicators. Correlation with substituent effects and structural features. <i>Talanta</i> , 1993 , 40, 1781-8	6.2	23
103	Evidence for an involvement of GABA receptors in the mediation of the proconvulsant action of ethyl-beta-carboline-3-carboxylate. <i>Neuropharmacology</i> , 1984 , 23, 323-6	5.5	23

102	Sorption of chrysoidine by row cork and cork entrapped in calcium alginate beads. <i>Arabian Journal of Chemistry</i> , 2014 , 7, 133-138	5.9	22
101	Toxicity of Nanoparticles: Etiology and Mechanisms 2017 , 511-546		22
100	Structural correlations in nickel(II)thiodiacetato complexes: molecular and crystal structures and properties of [Ni(tda)(H ₂ O) ₃]. <i>Inorganic Chemistry Communication</i> , 2004 , 7, 1277-1280	3.1	22
99	A family of hydroxypyron ligands designed and synthesized as iron chelators. <i>Journal of Inorganic Biochemistry</i> , 2013 , 127, 220-31	4.2	21
98	Thiodiacetato-copper(II) chelates with or without N-heterocyclic donor ligands: molecular and/or crystal structures of [Cu(tda) _n], [Cu(tda)(Him) ₂ (H ₂ O)] and [Cu(tda)(5Mphen)] · 2H ₂ O (Him = imidazole, 5Mphen = 5-methyl-1,10-phenanthroline). <i>Inorganica Chimica Acta</i> , 2005 , 358, 1918-1926	2.7	21
97	Potentiometric and spectrophotometric equilibrium study on Fe(III) and new catechol-bisphosphonate conjugates. <i>Journal of Inorganic Biochemistry</i> , 2008 , 102, 209-15	4.2	19
96	Towards a new attenuating compound: a potentiometric, spectrophotometric and NMR equilibrium study on Fe(III), Al(III) and a new tetradentate mixed bisphosphonate-hydroxypyridinonate ligand. <i>Journal of Inorganic Biochemistry</i> , 2008 , 102, 1486-94	4.2	19
95	Substituent effects on ionisation and (13)C NMR properties of some monosubstituted phenols A potentiometric, spectrophotometric and (13)C NMR study. <i>Talanta</i> , 2002 , 56, 441-9	6.2	19
94	Deferoxamine paper for iron(III) and vanadium(V) sensing. <i>Chemical Papers</i> , 2015 , 69,	1.9	18
93	A potentiometric, spectrophotometric and 1H NMR study on the interaction of cimetidine, famotidine and ranitidine with platinum(II) and palladium(II) metal ions. <i>Polyhedron</i> , 1995 , 14, 1517-1530	2.7	18
92	Gas chromatography analysis of major free mono- and disaccharides in milk: Method assessment, validation, and application to real samples. <i>Journal of Separation Science</i> , 2016 , 39, 4577-4584	3.4	17
91	Characterization of the ionization and spectral properties of mercapto-carboxylic acids Correlation with substituents and structural features. <i>Talanta</i> , 1996 , 43, 1357-66	6.2	17
90	Synthesis and characterization of metal derivatives of dihydrolipoic acid and dihydrolipoamide. <i>Inorganica Chimica Acta</i> , 1992 , 192, 237-242	2.7	17
89	Manganese and cobalt binding in a multi-histidinic fragment. <i>Dalton Transactions</i> , 2013 , 42, 16293-301	4.3	16
88	Novel DFO-functionalized mesoporous silica for iron sensing. Part 2. Experimental detection of free iron concentration (pFe) in urine samples. <i>Analyst, The</i> , 2014 , 139, 3940-8	5	16
87	New insights into the protogenic and spectroscopic properties of commercial tannic acid: the role of gallic acid impurities. <i>New Journal of Chemistry</i> , 2018 , 42, 7703-7712	3.6	15
86	Fluoroquinolones: A micro-species equilibrium in the protonation of amphoteric compounds. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 93, 380-91	5.1	15
85	Novel DFO-SAM on mesoporous silica for iron sensing. Part I. Synthesis optimization and characterization of the material. <i>Analyst, The</i> , 2014 , 139, 3932-9	5	15

84	The involvement of amino acid side chains in shielding the nickel coordination site: an NMR study. <i>Molecules</i> , 2013 , 18, 12396-414	4.8	15
83	Thermodynamic remarks on chelating ligands for aluminium related diseases. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 1518-22	4.2	14
82	Gold Nanoparticles: A New Golden Era in Oncology?. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	14
81	Metal coordination and tyrosinase inhibition studies with Kojic-Ala-Kojic. <i>Journal of Inorganic Biochemistry</i> , 2015 , 151, 36-43	4.2	13
80	Sorption of ofloxacin and chrysoidine by grape stalk. A representative case of biomass removal of emerging pollutants from wastewater. <i>Arabian Journal of Chemistry</i> , 2019 , 12, 1141-1147	5.9	13
79	Zinc(II) and copper(II) complexes with hydroxypyron iron chelators. <i>Journal of Inorganic Biochemistry</i> , 2015 , 151, 94-106	4.2	12
78	Chelating Agents as Therapeutic Compounds Basic Principles 2016 , 35-61		12
77	Medical Therapy of Patients Contaminated with Radioactive Cesium or Iodine. <i>Biomolecules</i> , 2019 , 9,	5.9	12
76	An NMR study on the 6,6Q2-(diethylamino)ethylazanediy)bis(methylene)bis(5-hydroxy-2-hydroxymethyl-4H-pyran-4-one) interaction with Al(III) and Zn(II) ions. <i>Journal of Inorganic Biochemistry</i> , 2015 , 148, 69-77	4.2	11
75	Evaluation of a fibre optic device in solution equilibria studies. Application to 3-hydroxybenzoic acid ionization. <i>Annali Di Chimica</i> , 2004 , 94, 147-53		11
74	Synthesis and characterization of iron derivatives of dihydrolipoic acid and dihydrolipoamide. <i>Inorganica Chimica Acta</i> , 1992 , 195, 109-115	2.7	11
73	A portable, disposable, and low-cost optode for sulphide and thiol detection. <i>Analytical Methods</i> , 2019 , 11, 4464-4470	3.2	10
72	HPLC determination of pantothenic acid in royal jelly. <i>Analytical Methods</i> , 2013 , 5, 6682	3.2	10
71	N,N'-Ethylenediaminobis(benzylphosphonic acids) as a potent class of chelators for metal ions. <i>Inorganica Chimica Acta</i> , 2009 , 362, 707-713	2.7	10
70	Chelation therapy for metal intoxication: comments from a thermodynamic viewpoint. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013 , 13, 1541-9	3.2	10
69	A new tripodal kojic acid derivative for iron sequestration: Synthesis, protonation, complex formation studies with Fe, Al, Cu and Zn, and in vivo bioassays. <i>Journal of Inorganic Biochemistry</i> , 2019 , 193, 152-165	4.2	10
68	Tungsten or Wolfram: Friend or Foe?. <i>Current Medicinal Chemistry</i> , 2018 , 25, 65-74	4.3	9
67	Iron chelating agents for iron overload diseases. <i>Thalassemia Reports</i> , 2014 , 4,	2	9

66	Adduct formation of some tris(N,N dialkyldithiocarbamate)Cr(III) complexes with iodine. <i>Polyhedron</i> , 1984 , 3, 1241-1245	2.7	9
65	Inexpensive Alizarin Red S-based optical device for the simultaneous detection of Fe(III) and Al(III). <i>Microchemical Journal</i> , 2019 , 149, 104036	4.8	8
64	A new tripodal-3-hydroxy-4-pyridinone for iron and aluminium sequestration: synthesis, complexation and in vivo studies. <i>New Journal of Chemistry</i> , 2018 , 42, 8050-8061	3.6	8
63	para-Aminosalicylic acid in the treatment of manganese toxicity. Complexation of Mn ²⁺ with 4-amino-2-hydroxybenzoic acid and its N-acetylated metabolite. <i>New Journal of Chemistry</i> , 2018 , 42, 8035-8049 ⁸	3.6	8
62	An 1H NMR and potentiometric study of the interaction between platinum(II) and cimetidine. <i>Polyhedron</i> , 1992 , 11, 2723-2727	2.7	8
61	Mercury Toxicity and Detection Using Chromo-Fluorogenic Chemosensors. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	8
60	Equilibrium studies of new bis-hydroxypyrrone derivatives with Fe, Al, Cu and Zn. <i>Journal of Inorganic Biochemistry</i> , 2018 , 189, 103-114	4.2	8
59	New strong extrafunctionalizable tris(3,4-HP) and bis(3,4-HP) metal sequestering agents: synthesis, solution and in vivo metal chelation. <i>Dalton Transactions</i> , 2019 , 48, 16167-16183	4.3	7
58	The Role of Magnesium in Pregnancy and in Fetal Programming of Adult Diseases. <i>Biological Trace Element Research</i> , 2021 , 199, 3647-3657	4.5	7
57	Development of a sensor for trivalent iron: AHP fixed on mesoporous silica. <i>New Journal of Chemistry</i> , 2018 , 42, 15237-15244	3.6	7
56	Iron(III) and aluminium(III) complexes with substituted salicyl-aldehydes and salicylic acids. <i>Journal of Inorganic Biochemistry</i> , 2013 , 128, 174-82	4.2	7
55	Reliability of the parameters in the resolution of overlapped Gaussian peaks. <i>Analytica Chimica Acta</i> , 1993 , 281, 197-206	6.6	7
54	Simple solid-phase spectrophotometric method for free iron(III) determination. <i>Arabian Journal of Chemistry</i> , 2019 , 12, 573-579	5.9	7
53	Interaction of a chelating agent, 5-hydroxy-2-(hydroxymethyl)pyridin-4(1H)-one, with Al(III), Cu(II) and Zn(II) ions. <i>Journal of Inorganic Biochemistry</i> , 2017 , 171, 18-28	4.2	6
52	Metal self-assembly mimosine peptides with enhanced antimicrobial activity: towards a new generation of multitasking chelating agents. <i>Dalton Transactions</i> , 2020 , 49, 2862-2879	4.3	6
51	Free fluoride determination in honey by ion-specific electrode potentiometry: Method assessment, validation and application to real unifloral samples. <i>Arabian Journal of Chemistry</i> , 2018 , 11, 492-500	5.9	6
50	Determination of 5-hydroxymethyl-2-furaldehyde in royal jelly by a rapid reversed phase HPLC method. <i>Analytical Methods</i> , 2013 , 5, 5010	3.2	6
49	Complex formation equilibria of Cu and Zn with Irbesartan and Losartan. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 97, 158-169	5.1	6

48	Changes in the characteristics of low affinity GABA binding sites elicited by Ro15-1788. <i>Life Sciences</i> , 1985 , 36, 329-37	6.8	6
47	Nutritional iron deficiency: the role of oral iron supplementation. <i>Current Medicinal Chemistry</i> , 2014 , 21, 3775-84	4.3	6
46	Iron Chelation for Iron Overload in Thalassemia. <i>Metal Ions in Life Sciences</i> , 2019 , 19,	2.6	6
45	Chelating Agents as Tools for the Treatment of Metal Overload. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 1321-1331	1.3	5
44	Interaction between aspergillitic acid and iron(III): A potentiometric, UV-Vis, ¹ H NMR and quantum chemical study. <i>Polyhedron</i> , 2009 , 28, 763-768	2.7	5
43	Spectrophotometric and potentiometric study on platinum(II) chelates of mercapto carboxylic acids. <i>Polyhedron</i> , 2000 , 19, 2435-2440	2.7	5
42	Equilibrium study on Pd(II) chelates of mercapto carboxylic acids. <i>Polyhedron</i> , 1999 , 18, 3257-3262	2.7	5
41	An investigation on the interaction between palladium(II) and L-citrulline by ¹ H and ¹³ C NMR spectroscopy and potentiometry. <i>Polyhedron</i> , 1991 , 10, 333-336	2.7	5
40	An ²⁷ Al and ¹³ C N.M.R. study of the Complexes between Al ³⁺ and Various Organic Molecules Containing the Amide Group in Concentrated Aqueous Solution. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1984 , 39, 1235-1241	1.4	5
39	Chelating Agents in Soil Remediation: A New Method for a Pragmatic Choice of the Right Chelator. <i>Frontiers in Chemistry</i> , 2020 , 8, 597400	5	5
38	Complex formation equilibria of polyamine ligands with copper(II) and zinc(II). <i>Journal of Inorganic Biochemistry</i> , 2019 , 194, 26-33	4.2	5
37	Molecular recognition between adenine or 2,6-diaminopurine and copper(II) chelates with N,O ₂ S-tripodal tetradentate chelators having thioether or disulfide donor groups. <i>Journal of Inorganic Biochemistry</i> , 2015 , 151, 75-86	4.2	4
36	A Possible Freshness Marker for Royal Jelly: Formation of 5-Hydroxymethyl-2-furaldehyde as a Function of Storage Temperature and Time. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 4190-5	5.7	4
35	Substituent effects on ionization constants as a predictive tool of coordinating ability. <i>Monatshefte Für Chemie</i> , 2016 , 147, 719-724	1.4	4
34	Interaction of Cu(II) and Ni(II) with Ypk9 protein fragment via NMR studies. <i>Scientific World Journal, The</i> , 2014 , 2014, 656201	2.2	4
33	Use of Cyclic Voltammetry to Evaluate Sorption Properties of Cork Residues Towards Mn(II) in Waters. <i>Journal of Solution Chemistry</i> , 2008 , 37, 477-485	1.8	4
32	Metal ion uptake from aqueous solution by olive stones: a carbon-13 solid-state nuclear magnetic resonance and potentiometric study. <i>Water Environment Research</i> , 2007 , 79, 2363-7	2.8	4
31	Chemometric methods applied to an ICP-AES study of chemical element distributions in autopsy livers from subjects affected by Wilson and beta-thalassemia. <i>Journal of Trace Elements in Medicine and Biology</i> , 1995 , 9, 215-21	4.1	4

30	1H and 13C NMR studies of (phenylethynyl) (triphenylphosphine) gold(I). <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1991 , 47, 615-621		4
29	A BASIC program for least-squares estimation of the parameters influencing line shapes in multi-site chemical exchange in nuclear magnetic resonance spectrometry. <i>Analytica Chimica Acta</i> , 1990 , 239, 157-160	6.6	4
28	Computation of acidity constants of a polyprotic acid from nuclear magnetic resonance or u.v.-visible spectrophotometric data. <i>Analytica Chimica Acta</i> , 1986 , 184, 77-85	6.6	4
27	Aluminium-dependent human diseases and chelating properties of aluminium chelators for biomedical applications 2012 , 103-123		4
26	Optimization of a newly established gas-chromatographic method for determining lactose and galactose traces: Application to Pecorino Romano cheese. <i>Journal of Food Composition and Analysis</i> , 2018 , 74, 89-94	4.1	4
25	Salicylamide derivatives for iron and aluminium sequestration. From synthesis to complexation studies. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018 , 50, 580-588	4.1	3
24	Unusual PLS application for Pd(II) sensing in extremely acidic solutions. <i>New Journal of Chemistry</i> , 2018 , 42, 7901-7907	3.6	3
23	Validation and applications of a GC-ECD method for the determination of polychlorinated biphenyls in fish and seafood. <i>Monatshefte für Chemie</i> , 2013 , 144, 1597-1606	1.4	3
22	Metal Ion Toxicity 2015 , 1-14		3
21	Spectrophotometric and potentiometric study on iron(II) complexes with some macrocyclic ligands. <i>Inorganica Chimica Acta</i> , 2001 , 323, 62-68	2.7	3
20	REACTION BETWEEN [PdCl ₄] ²⁻ AND 5,5-DIMETHYL-2-THIOXOIMIDAZOLIDIN-4-ONE. <i>Journal of Coordination Chemistry</i> , 1993 , 30, 293-303	1.6	3
19	Potentiometric and 13C NMR study of the interaction between boric acid and pyrogallol (1,2,3-trihydroxybenzene). <i>Polyhedron</i> , 1990 , 9, 789-793	2.7	3
18	DFO@EVOH and 3,4-HP@EVOH: Towards New Polymeric Sorbents for Iron(III). <i>Chemosensors</i> , 2020 , 8, 111	4	3
17	Looking at new ligands for chelation therapy. <i>New Journal of Chemistry</i> , 2018 , 42, 8021-8034	3.6	2
16	Study of the copper(II)-Aztreonam system by potentiometry and spectrophotometry, and structural characterization by 13C NMR relaxation. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1994 , 50, 29-39		2
15	A multinuclear NMR study on the microscopic ionization constants of adenosine-5'-triphosphate in aqueous solution. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1993 , 49, 1643-1649		2
14	Determination of ionization constants of a polyprotic acid with use of least-squares methods. <i>Analytica Chimica Acta</i> , 1989 , 222, 359-367	6.6	2
13	A BASIC computer program for the determination of binding parameters in a complex system. <i>Biochemical Education</i> , 1986 , 14, 79-81		2

12	Substituent effect on carbon-13 chemical shifts of 3-(para substituted benzoyl)-5-amino-1,2,4-oxadiazoles. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1985 , 41, 797-799		2
11	Renal Copper Content and Distribution in Wilson's Disease. <i>Journal of Urologic Pathology</i> , 2000 , 13, 23-30		2
10	The Aging Kidney-As Influenced by Heavy Metal Exposure and Selenium Supplementation. <i>Biomolecules</i> , 2021 , 11,	5.9	2
9	Oxovanadium(IV) Coordination Compounds with Kojic Acid Derivatives in Aqueous Solution. <i>Molecules</i> , 2019 , 24,	4.8	1
8	A study on the binding of diazepam to serum albumins by T1 NMR measurements. <i>Biochemical Pharmacology</i> , 1983 , 32, 3241-3	6	1
7	Clinical Therapy of Patients Contaminated with Polonium or Plutonium. <i>Current Medicinal Chemistry</i> , 2021 , 28, 7238-7246	4.3	1
6	Copper uptake and trafficking in the brain 2012 , 47-63		1
5	Kojic acid derivatives as double face ligands for metal and phosphate ions. <i>Journal of Inorganic Biochemistry</i> , 2021 , 222, 111520	4.2	1
4	The Potential Clinical Properties of Magnesium. <i>Current Medicinal Chemistry</i> , 2021 , 28, 7295-7311	4.3	0
3	Copper-Induced Epigenetic Changes Shape the Clinical Phenotype in Wilson's Disease. <i>Current Medicinal Chemistry</i> , 2021 , 28, 2707-2716	4.3	0
2	Synthesis and Mass Spectrometry Analysis of Mimosine-Containing Peptides. <i>International Journal of Peptide Research and Therapeutics</i> , 2021 , 27, 379-384	2.1	0
1	Gadolinium in Medical Imaging: Usefulness, Toxic Reactions and Possible Countermeasures: A Review. <i>Biomolecules</i> , 2022 , 12, 742	5.9	0