Grzegorz Schroeder

List of Publications by Year
in descending order

328	4,053	218662	276858
papers	citations	26 h-index	41 g-index

340	340	340	3794
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation of porous resin with Schiff base chelating groups for removal of heavy metal ions from aqueous solutions. Chemical Engineering Journal, 2015, 263, 402-411.	12.7	115
2	Dendrimer-functionalized halloysite nanotubes for effective drug delivery. Applied Clay Science, 2018, 153, 134-143.	5.2	91
3	Synthesis, physicochemical properties and antimicrobial evaluation of new (E)-chalcones. European Journal of Medicinal Chemistry, 2008, 43, 707-713.	5.5	88
4	Halloysite nanotubes as carriers of vancomycin in alginate-based wound dressing. Saudi Pharmaceutical Journal, 2017, 25, 911-920.	2.7	84
5	Removal of heavy metal ions with the use of chelating polymers obtained by grafting pyridineâ€“pyrazole ligands onto polymethylhydrosiloxane. Chemical Engineering Journal, 2015, 259, 885-893.	12.7	73
6	H+, Li+, and Na+ Polarizabilities in 1:1 Crown Ether Cation Complexes. A FTIR Study. The Journal of Physical Chemistry, 1995, 99, 8519-8523.	2.9	60
7	Alginate/PAMAM dendrimer â€“ Halloysite beads for removal of cationic and anionic dyes. International Journal of Biological Macromolecules, 2019, 123, 398-408.	7.5	59
8	Supercritical fluid extraction of algae enhances levels of biologically active compounds promoting plant growth. European Journal of Phycology, 2016, 51, 243-252.	2.0	57
9	Molecularly imprinted polymer as drug delivery carrier in alginate dressing. Materials Letters, 2017, 201, 46-49.	2.6	50
10	FTIR, NMR and kinetic studies of proton transfer reactions from nitro-substituted diarylmethanes to N-bases with guanidine character. Journal of Molecular Structure, 1995, 344, 77-88.	3.6	49
11	Valuable natural products from marine and freshwater macroalgae obtained from supercritical fluid extracts. Journal of Applied Phycology, 2018, 30, 591-603.	2.8	48
12	The Schiff base of gossypol with 2-(aminomethyl)-15-crown-5 complexes with monovalent cations studied by MS,1H NMR, FT-IR and PM5 semiempirical methods. Physical Chemistry Chemical Physics, 2002, 4, 6137-6143.	2.8	39
13	Vinyl tris-2-methoxyethoxy silane â€“ A new class of film-forming electrolyte components for Li-ion cells with graphite anodes. Electrochemistry Communications, 2006, 8, 523-527.	4.7	39
14	Basicity, IR spectra and protonation of some proton sponges in acetonitrile. Journal of Molecular Structure, 1992, 274, 75-82.	3.6	38
15	New lithium ion conducting polymer electrolytes based on polysiloxane grafted with Si-tripodand centers. Electrochemistry Communications, 2007, 9, 1558-1562.	4.7	38
16	FT-IR and FT-Raman spectroscopies and DFT modelling of benzimidazolium salts. Chemical Physics, 2006, 327, 439-451.	1.9	37
17	PAMAM-halloysite Dunino hybrid as an effective adsorbent of ibuprofen and naproxen from aqueous solutions. Applied Clay Science, 2020, 190, 105603.	5.2	37
18	Physico-chemical characterization of formulations containing endomorphin-2 derivatives. Amino Acids, 2017, 49, 1719-1731.	2.7	36

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19	Biomass of freshwater Cladophora as a raw material for agriculture and the cosmetic industry. Open Chemistry, 2015, 13, .	1.9	35
20	1H NMR, FT-IR and MS studies and PM5 semiempirical calculations of complexes between the Schiff base of gossypol with 2-(aminomethyl)-15-crown-5 and Ca2+, Pb2+ and Ba2+ cations. Journal of Physical Organic Chemistry, 2003, 16, 289-297.	1.9	33
21	Spectroscopic Studies of Amino Acid Ionic Liquid-Supported Schiff Bases. Molecules, 2013, 18, 4986-5004.	3.8	33
22	Silicon polypodands: powerful metal cation complexing agents and solidâ€“liquid phase-transfer catalysts of new generation. Tetrahedron Letters, 2003, 44, 4149-4151.	1.4	31
23	Synthesis of new dendritic antenna-like polypyridine ligands. Chemical Papers, 2012, 66, .	2.2	31
24	Flowing atmospheric pressure afterglow combined with laser ablation for direct analysis of compounds separated by thin-layer chromatography. Analytical and Bioanalytical Chemistry, 2016, 408, 815-823.	3.7	31
25	Adsorption studies of Cu(II) ions on dendrimer-grafted silica-based materials. Journal of Molecular Liquids, 2019, 281, 176-185.	4.9	31
26	Excess proton hydrate structures with large proton polarizability in the channel of trioxaalkyl phosphate. Journal of the Chemical Society, Faraday Transactions, 1998, 94, 2093-2096.	1.7	27
27	Inorganic Esters of Ethylene Glycol as Macrocyclic Ligands. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1999, 35, 327-334.	1.6	26
28	FTIR and multinuclear magnetic resonance studies of tris(oxaalkyl) borates and their complexes with Li+ and Na+ cations. Physical Chemistry Chemical Physics, 1999, 1, 4897-4901.	2.8	26
29	Complexes of Schiff base of gossypol with 5-hydroxy-3-oxapentylamine and Ca2+, Ba2+ or Pb2+ cations studied by NMR, FT-IR, ESI MS as well as PM5 semiempirical methods. Journal of Molecular Structure, 2003, 658, 115-124.	3.6	26
30	Silicon polypodands: a new class of efficient solidâ€“liquid phase-transfer catalysts. Tetrahedron, 2004, 60, 10111-10115.	1.9	26
31	Hydrogen Bonds and Hydrogen-Bonded Chains in Complexes of 3-(Hydroxymethyl)-2,2â€˜-biphenol with N-Bases. FTIR and1H NMR Studies. Journal of Physical Chemistry A, 2000, 104, 7469-7472.	2.5	25
32	Complexes of Schiff base of gossypol with 5-hydroxy-3-oxapentylamine and some monovalent cations studied by ESI MS as well as PM5 semiempirical methods. Journal of Molecular Structure, 2003, 654, 245-252.	3.6	25
33	The Schiff base of gossypol with 2-(aminomethyl)-18-crown-6 complexes and H+, Li+, Na+, K+, Rb+, Cs+ cations studied by ESI MS, 1H NMR, FT-IR and PM5 semiempirical methods. Journal of Molecular Structure, 2004, 699, 65-77.	3.6	25
34	1H- and13C-NMR, FTIR, UV-VIS, ESI-MS, and PM5 studies as well as emission properties of a new Schiff base of gossypol with 5-methoxytryptamine and a new hydrazone of gossypol with dansylhydrazine. Biopolymers, 2006, 82, 521-535.	2.4	25
35	Supercritical Algal Extracts: A Source of Biologically Active Compounds from Nature. Journal of Chemistry, 2015, 2015, 1-14.	1.9	25
36	The influence of fluorine position on the properties of fluorobenzoxaboroles. Bioorganic Chemistry, 2015, 60, 130-135.	4.1	25

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37	Schiff base of gossypol with 3,6,9-trioxa-decylamine complexes with monovalent cations studied by mass spectrometry,1H-NMR, FTIR, and PM5 semiempirical methods. Biopolymers, 2004, 73, 470-483.	2.4	24
38	NMR, FT-IR and ESI-MS study of new lasalocid ester with 2-(hydroxymethyl)-12-crown-4 and its complexes with monovalent cations. Journal of Molecular Structure, 2005, 749, 128-137.	3.6	24
39	Application of paclitaxel-imprinted microparticles obtained using two different cross-linkers for prolonged drug delivery. European Polymer Journal, 2019, 118, 328-336.	5.4	24
40	Anion-Ї€ interactionsâ€”interactions between benzo-crown ether metal cation complexes and counter ions. Journal of the American Society for Mass Spectrometry, 2009, 20, 257-262.	2.8	23
41	Reaction of Some Strong N-Bases with Chloropentafluorobenzene in the Presence of Water Molecules. Journal of Organic Chemistry, 2003, 68, 3139-3144.	3.2	22
42	Increase in efficiency of dye-sensitized solar cells by porous TiO2 layer modification with gadolinium-containing thin layer. Journal of Rare Earths, 2011, 29, 783-786.	4.8	22
43	Studies of complexation of metal cations by tris(3,6-dioxaheptyl)amine in solution. Journal of Molecular Structure, 1999, 508, 129-138.	3.6	21
44	Multinuclear NMR and FTIR studies of new polyoxaalkyl esters of lasalocid and their complexes with lithium and sodium cations. Biopolymers, 2002, 65, 95-110.	2.4	21
45	Complexes of Schiff base of gossypol with n-butylamine and some monovalent or bivalent cations studied by ESI MS, NMR, FT-IR as well as PM5 semiempirical methods. Journal of Molecular Structure, 2003, 658, 193-205.	3.6	21
46	Lasalocid polyoxaalkyl esters complexes with Li+, Na+, K+, Rb+ and Cs+ cations studied by ESI MS and semiempirical methods. Journal of Molecular Structure, 2004, 688, 171-176.	3.6	21
47	Spectroscopic and PM5 semiempirical study of new lasalocid 5-hydroxypentyl ester and its complexes with monovalent cations. Journal of Molecular Structure, 2004, 699, 53-64.	3.6	21
48	EPR spectroscopy and imaging of TEMPO-labeled magnetite nanoparticles. Current Applied Physics, 2014, 14, 798-804.	2.4	21
49	Spectroscopic and kinetic studies of the aldehydeâ€“lactol tautomerization of gossypol in solution. Journal of the Chemical Society Perkin Transactions II, 1991, , 1359-1362.	0.9	20
50	Multinuclear NMR, FT-IR, ESI MS studies and PM5 semiempirical calculations of new ethylene glycol ester of lasalocid acid and their complexes with K+ cation. Journal of Molecular Structure, 2004, 694, 55-61.	3.6	20
51	Impact of ethyl tris-2-methoxyethoxy silane on the passivation of graphite electrode in Li-ion cells with PC-based electrolyte. Electrochemistry Communications, 2006, 8, 1583-1587.	4.7	20
52	Investigation of complex structures of a new 2-hydroxyethyl ester of Monensin A with Mg2+, Ca2+, Sr2+, Ba2+ cations using electrospray ionization mass spectrometry and semiempirical PM5 methods. Journal of Molecular Structure, 2007, 829, 111-119.	3.6	20
53	Antifungal activity of alkyl and heterocyclic aza-derivatives of gossypol as well as their complexes with NaClO4 against Fusarium oxysporum f. sp. lupini. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 1996-2000.	2.2	20
54	Dielectric Barrier Discharge Ionization in Characterization of Organic Compounds Separated on Thin-Layer Chromatography Plates. PLoS ONE, 2014, 9, e106088.	2.5	20

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55	Electron paramagnetic resonance as an effective method for a characterization of functionalized iron oxide. Journal of Physics and Chemistry of Solids, 2014, 75, 594-598.	4.0	20
56	Magnetic mesoporous silica Fe 3 O 4 @SiO 2 @meso-SiO 2 and Fe 3 O 4 @SiO 2 @meso-SiO 2 -NH 2 as adsorbents for the determination of trace organic compounds. Microporous and Mesoporous Materials, 2017, 240, 80-90.	4.4	20
57	The Application of Homogenate and Filtrate from Baltic Seaweeds in Seedling Growth Tests. Applied Sciences (Switzerland), 2017, 7, 230.	2.5	20
58	Focusing of Fe3O4 nanoparticles using a rotating magnetic field in various environments. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 3192-3196.	2.1	20
59	ESI MS and PM5 semiempirical studies of gossypol schiff base with (R)-tetrahydrofurfurylamine complexes and monovalent cations. Journal of Molecular Structure, 2004, 693, 95-102.	3.6	19
60	NMR, FT-IR, ESI MS studies and PM5 semiempirical calculations of lasalocid ethylene glycol ester complexes with Li+ and Na+ cations. Journal of Molecular Structure, 2004, 694, 155-163.	3.6	19
61	NMR, FT-IR, ESI MS and PM5 semiempirical study of new lasalocid 5-hydroxy-3-oxapentyl ester and its complexes with monovalent cations. Journal of Molecular Structure, 2005, 733, 155-165.	3.6	19
62	Polyether-functionalized disiloxanes as new film-forming electrolyte additive for Li-ion cells with graphitic anodes. Electrochemistry Communications, 2008, 10, 1676-1679.	4.7	19
63	Hydrogen bonds in phenylboronic acids with polyoxaalkyl substituents at ortho-position. Journal of Molecular Structure, 2009, 920, 430-435.	3.6	19
64	Adsorption of hydrogen peroxide on functionalized mesoporous silica surfaces. Structural Chemistry, 2014, 25, 1505-1512.	2.0	19
65	Molecularly imprinted polymers as selective adsorbents for ambient plasma mass spectrometry. Analytical and Bioanalytical Chemistry, 2017, 409, 3393-3405.	3.7	19
66	Kinetic and equilibrium studies of the proton and deuteron transfer reaction between diarylcyanomethanes and 1,2-bis-(dialkylaminomethyl)benzene in acetonitrile. Journal of Molecular Structure, 1992, 274, 83-91.	3.6	18
67	Spectroscopic, spectrometric and PM5 semiempirical investigation of new lasalocid 8-hydroxy-3,6-dioxaoctyl ester and its complexes with monovalent cations. Journal of Molecular Structure, 2005, 733, 217-229.	3.6	18
68	Fluoro-substituted 2-formylphenylboronic acids: Structures, properties and tautomeric equilibria. Journal of Fluorine Chemistry, 2016, 187, 1-8.	1.7	18
69	Porous Poly(2-oxazoline)-Based Polymers for Removal and Quantification of Phenolic Compounds. Chemistry of Materials, 2020, 32, 6425-6436.	6.7	18
70	Molecularly Imprinted Polymers and Magnetic Molecularly Imprinted Polymers for Selective Determination of Estrogens in Water by ESI-MS/FAPA-MS. Biomolecules, 2020, 10, 672.	4.0	18
71	1H NMR and FTIR studies of proton transfer reactions from C-acids to proton sponges. Journal of the Chemical Society Perkin Transactions II, 1992, , 2257.	0.9	17
72	Proton transfer reactions from dimethyl (4-nitrophenyl)malonate to N-bases in acetonitrile. Journal of Molecular Structure, 1996, 384, 127-133.	3.6	17

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73	Experimental and quantum chemical evidences for Câ€“Hâ‹¯N hydrogen bonds involving quaternary pyridinium salts and pyridinium ylides. Journal of Molecular Structure, 2000, 555, 31-42.	3.6	17
74	Loss of isocyanic acid from the internal oxadiazole ring of protonated molecules of some 2,5-diaryl-1,3,4-oxadiazoles. Rapid Communications in Mass Spectrometry, 2002, 16, 390-395.	1.5	17
75	The reaction of substituted N-phenacyl-pyridinium bromides in the pyridine ring with DABCO and DBU in water and DMSO. Kinetics and DFT studies. Journal of Molecular Structure, 2004, 708, 87-95.	3.6	17
76	Studies of Silicon Podand Solvents. Supramolecular Chemistry, 2004, 16, 303-310.	1.2	17
77	A new type of B-podand catalysts for solidâ€“liquid phase transfer reactions. Tetrahedron Letters, 2006, 47, 5673-5676.	1.4	17
78	17O NMR studies of boronic acids and their derivatives. New Journal of Chemistry, 2013, 37, 1056.	2.8	17
79	The tetrapeptide N -acetyl-Pro-Pro-Tyr-Leu in skin care formulationsâ€”Physicochemical and release studies. International Journal of Pharmaceutics, 2015, 492, 161-168.	5.2	17
80	Application of Molecularly Imprinted Polymers (MIP) and Magnetic Molecularly Imprinted Polymers (mag-MIP) to Selective Analysis of Quercetin in Flowing Atmospheric-Pressure Afterglow Mass Spectrometry (FAPA-MS) and in Electrospray Ionization Mass Spectrometry (ESI-MS). Molecules, 2019, 24, 2364.	3.8	17
81	Simultaneous voltammetric determination of Cd2+, Pb2+, and Cu2+ ions captured by Fe3O4@SiO2 core-shell nanostructures of various outer amino chain length. Journal of Molecular Liquids, 2020, 314, 113677.	4.9	17
82	The proton transfer reaction between bis(2,4-dinitrophenyl)methane and nitrogen bases in dimethyl sulfoxide and toluene solvents. Canadian Journal of Chemistry, 1991, 69, 468-473.	1.1	16
83	Study of the decarboxylation mechanism of fluorobenzoic acids by strong N-bases. Journal of Physical Organic Chemistry, 2001, 14, 691-696.	1.9	16
84	Catalytic activity and anion activation in SN2 reactions promoted by complexes of silicon polypodands. Comparison with traditional polyethers. New Journal of Chemistry, 2005, 29, 1195.	2.8	16
85	Molecular Structures and Stability Constants of Gossypol and Its Aza-Derivative Complexes with Silver(I) Cations Studied by Potentiometric, ESI MS, NMR, and AM1d Semiempirical Methods. Journal of Physical Chemistry A, 2008, 112, 8061-8069.	2.5	16
86	Self-Assembly of Quaterpyridine Ligands and Cu+ Cations into Helical Complexes of 2:2 Stoichiometry under Electrospray Ionisation Conditions. European Journal of Mass Spectrometry, 2010, 16, 163-168.	1.0	16
87	New polymeric metal ion scavengers with polyamine podand moieties. Reactive and Functional Polymers, 2011, 71, 463-479.	4.1	16
88	Novel 2,6-disubstituted phenylboronic compounds â€“ Synthesis, crystal structures, solution behaviour and reactivity. Journal of Organometallic Chemistry, 2015, 788, 36-41.	1.8	16
89	Preparation of multifunctional cascade iron oxide nanoparticles for drug delivery. Materials Chemistry and Physics, 2018, 211, 34-41.	4.0	16
90	Study of 1,5,7-triazabicyclo[4,4,0]dec-5-ene protonation by vibrational spectroscopic methods. Journal of Molecular Structure, 2000, 516, 123-130.	3.6	15

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91	Mass spectrometric decompositions of cationized Î²-cyclodextrin. Carbohydrate Research, 2005, 340, 1567-1572.	2.3	15
92	Influence of fluorine substituents on the NMR properties of phenylboronic acids. Magnetic Resonance in Chemistry, 2014, 52, 202-213.	1.9	15
93	High decrease in soil metal bioavailability by metal immobilization with halloysite clay. Environmental Chemistry Letters, 2015, 13, 319-325.	16.2	15
94	The Application of the Microwave Plasma Ionization Source in Ambient Mass Spectrometry. Plasma Chemistry and Plasma Processing, 2019, 39, 1001-1017.	2.4	15
95	Protonation of Very Strong Bases by Phenols in Non-aqueous Solutions. Journal of Chemical Research Synopses, 1997, , 151-151.	0.3	14
96	Deprotonation of 1-(carbethoxyalkyl)pyridinium halides with strong N-bases. Journal of Physical Organic Chemistry, 1999, 12, 39-46.	1.9	14
97	Deprotonation of N-phenacyl- and N-acetonyl-4-cyanopyridinium halides with 1,4-diazabicyclo[2,2,2]octane. Journal of Molecular Structure, 2002, 643, 55-68.	3.6	14
98	Electrospray ionization mass spectrometric study of purine base-cisplatin complexes. Rapid Communications in Mass Spectrometry, 2005, 19, 970-974.	1.5	14
99	Potentiometric, ESI MS and AM1d studies of lasalocid estersâ€“silver(I) complexes. Journal of Molecular Structure, 2006, 782, 73-80.	3.6	14
100	Vancomycin-modified silica: Synthesis, controlled release and biological activity of the drug. International Journal of Pharmaceutics, 2015, 486, 226-231.	5.2	14
101	FAPA mass spectrometry of designer drugs. Talanta, 2016, 146, 29-33.	5.5	14
102	The influence of surface modification, coating agents and pH value of aqueous solutions on physical properties of magnetite nanoparticles investigated by ESR method. Journal of Magnetism and Magnetic Materials, 2017, 429, 203-210.	2.3	14
103	Taxifolin as a Promising Ingredient of Cosmetics for Adult Skin. Antioxidants, 2021, 10, 1625.	5.1	14
104	Medicinal Herbs in the Relief of Neurological, Cardiovascular, and Respiratory Symptoms after COVID-19 Infection A Literature Review. Cells, 2022, 11, 1897.	4.1	14
105	Kinetics and mechanism of proton transfer reactions from Nî—¸H acid to 1,2-bis(dialkylaminomethyl)benzene in acetonitrile. Journal of Molecular Structure, 1995, 344, 89-94.	3.6	13
106	23 Na NMR and FT-IR studies of sodium complexes with the ionophore lasalocid in solution. Journal of Molecular Structure, 2000, 516, 91-98.	3.6	13
107	NMR study of the complexes of tris(oxaalkyl) borates with SbCl5. Journal of Molecular Structure, 2000, 516, 153-156.	3.6	13
108	FT-IR and NMR study of tris(oxaalkyl) borates and their complexes with HAuCl4. Journal of Molecular Structure, 2000, 519, 119-123.	3.6	13

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109	Characterization of 2-aryl-1,3,4-oxadiazoles by15N and13C NMR spectroscopy. Magnetic Resonance in Chemistry, 2003, 41, 689-692.	1.9	13
110	ESI MS, NMR and PM5 semiempirical studies of oligomycin A and its complexes with Li+ and Na+ cations. Journal of Molecular Structure, 2005, 738, 261-270.	3.6	13
111	Vibrational spectra, structure and antioxidant activity of gossypol imine derivatives. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 86, 328-335.	3.9	13
112	ESR as a monitoring method of the interactions between TEMPO-functionalized magnetic nanoparticles and yeast cells. Scientific Reports, 2019, 9, 18733.	3.3	13
113	Proton transfer reactions from Nî—¸H acid to proton sponges in acetonitrile. part 2. Journal of Molecular Structure, 1996, 377, 149-154.	3.6	12
114	Podand Solvents for Organic Reactions. Supramolecular Chemistry, 2002, 14, 497-502.	1.2	12
115	Biological activity and ESI MS study of oxaalkyl and hydroksyoxaalkyl lasalocid esters. Journal of Molecular Structure, 2006, 783, 136-144.	3.6	12
116	Application of a new class B-podands in solidâ€“liquid phase transfer catalysis. Journal of Molecular Catalysis A, 2007, 269, 141-148.	4.8	12
117	Preparation and characterization of magnetic carbon nanomaterials bearing APTSâ€“silica on their surface. Journal of Materials Science, 2010, 45, 1100-1106.	3.7	12
118	Molecular Scavengers as Carriers of Analytes for Mass Spectrometry Identification. Analytical Chemistry, 2014, 86, 11226-11229.	6.5	12
119	Kinetic and equilibrium studies of the proton and deuteron transfer reaction between bis(2,4-dinitrophenyl)methane and strong nitrogen bases in acetonitrile. Journal of Molecular Structure, 1993, 299, 11-20.	3.6	11
120	Multinuclear NMR studies of tris(oxaalkyl) borates and their complexes with some metal cations. Journal of Molecular Structure, 1999, 513, 149-153.	3.6	11
121	7Li-NMR and FTIR studies of lithium, potassium, rubidium, and cesium complexes with ionophore lasalocid in solution. Biopolymers, 2001, 62, 173-182.	2.4	11
122	Studies of lithium and sodium complexation by silicon podand solvents. Journal of Molecular Structure, 2002, 607, 77-86.	3.6	11
123	Mass spectrometric fragmentation pathways of isotope labeled 2,5-disubstituted-1,3,4-oxadiazoles and thiadiazoles. International Journal of Mass Spectrometry, 2004, 231, 47-49.	1.5	11
124	Potentiometric and AM1d studies of silicon podandsâ€”silver(I) complexes. Journal of Molecular Structure, 2005, 738, 227-231.	3.6	11
125	Potentiometric and AM1d studies of silicon and phosphorous podands-silver (I) complexes. Journal of Molecular Structure, 2005, 749, 122-127.	3.6	11
126	1,4-Phenylene-di(N-l-alanylaminomethylphosphonate) a new diaminophosphonate peptide receptor for lysine and arginine. Journal of Molecular Structure, 2008, 873, 173-180.	3.6	11

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127	A novel method for simultaneous readout of static bending and multimode resonance-frequency of microcantilever-based biochemical sensors. Sensors and Actuators B: Chemical, 2012, 170, 172-175.	7.8	11
128	TheCortinariusFungi Dyes as Sensitizers in Dye-Sensitized Solar Cells. International Journal of Photoenergy, 2015, 2015, 1-6.	2.5	11
129	The principles of a new method, MNF-3D, for concentration of magnetic particles in three-dimensional space. Measurement: Journal of the International Measurement Confederation, 2017, 112, 137-140.	5.0	11
130	The influence of cross-linking agent onto adsorption properties, release behavior and cytotoxicity of doxorubicin-imprinted microparticles. Colloids and Surfaces B: Biointerfaces, 2019, 182, 110379.	5.0	11
131	Functionalized polystyrene beads as carriers in release studies of two herbicides: 2,4-dichlorophenoxyacetic acid and 2-methyl-4-chlorophenoxyacetic acid. International Journal of Environmental Science and Technology, 2019, 16, 5623-5634.	3.5	11
132	Stoichiometry and thermodynamics of gemcitabine and cucurbituril Q7 supramolecular complexes in high acidic aqueous solution. Journal of Molecular Structure, 2019, 1178, 554-563.	3.6	11
133	Dual-Polymeric Resin Based on Poly(methyl vinyl ether-alt-maleic anhydride) and PAMAM Dendrimer as a Versatile Supramolecular Adsorbent. ACS Applied Polymer Materials, 2021, 3, 956-967.	4.4	11
134	The kinetics, isotope effects, and mechanism of the reaction of 2,2-di(4-nitrophenyl)-1,1,1-trifluoroethane with alkoxide bases in alcohol solvents. Canadian Journal of Chemistry, 1985, 63, 576-580.	1.1	10
135	Proton transfer reactions from Nî—¸H acid to various N-bases in acetonitrile. Journal of Molecular Structure, 1995, 354, 131-139.	3.6	10
136	Proton transfer reactions from N-H acid [5,10,15,20-tetrakis(pentafluorophenyl)-21-H, 23-H-porphyrin] to strong bases in acetonitrile. Journal of Molecular Structure, 1997, 416, 11-19.	3.6	10
137	FTIR and NMR studies of bis(oxaalkyl) sulphates(IV) and their complexes with proton and some metal cations. Journal of Molecular Structure, 2002, 607, 9-17.	3.6	10
138	The basicity of 1,8-bis(dimethylamino)naphthalene and the hybrid state of the nitrogen atoms of its dimethylamino groups. Tetrahedron Letters, 2002, 43, 6043-6045.	1.4	10
139	Mass spectrometric study of some protonated and lithiated 2,5-disubstituted-1,3,4-oxadiazoles. Journal of the American Society for Mass Spectrometry, 2003, 14, 289-294.	2.8	10
140	The complexes of some s-triazine herbicides with metal cations studied by ESI mass spectrometry and theoretical calculations. Journal of Molecular Structure, 2004, 690, 45-51.	3.6	10
141	The reaction heats and PM5 semiempirical studies of complexes formed between silicon podand and monovalent cations. Journal of Molecular Structure, 2005, 733, 231-237.	3.6	10
142	Formation of stoichiometric complexes between dibenzo-30-crown-10 and guanidinium moiety containing compounds. International Journal of Mass Spectrometry, 2007, 266, 180-184.	1.5	10
143	Do hydrophobic interactions exist in the gas phase?. Rapid Communications in Mass Spectrometry, 2008, 22, 1339-1343.	1.5	10
144	New type of repeated Siâ€“C-podand catalysts for solidâ€“liquid phase transfer reactions. Catalysis Communications, 2008, 9, 821-825.	3.3	10

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145	Structural features of the adenosine conjugate in means of vibrational spectroscopy and DFT. Biophysical Chemistry, 2009, 142, 17-26.	2.8	10
146	Will the use of double barrier result in sustained release of vancomycin? Optimization of parameters for preparation of a new antibacterial alginate-based modern dressing. International Journal of Pharmaceutics, 2015, 496, 526-533.	5.2	10
147	Magnetic scavengers as carriers of analytes for flowing atmospheric pressure afterglow mass spectrometry (FAPA-MS). Analyst, The, 2015, 140, 6138-6144.	3.5	10
148	Heat assisted sample introduction and determination of cannabinoids by dielectric barrier discharge ionization mass spectrometry. International Journal of Mass Spectrometry, 2015, 386, 32-36.	1.5	10
149	Deferoxamine-Modified Hybrid Materials for Direct Chelation of Fe(III) Ions from Aqueous Solutions and Indication of the Competitiveness of In Vitro Complexing toward a Biological System. ACS Omega, 2021, 6, 15168-15181.	3.5	10
150	FTIR and 1H NMR studies of proton transfer reactions from `C-acids' to N-bases in acetonitrile. Journal of Molecular Structure, 1997, 406, 99-106.	3.6	9
151	Reaction of fluoronitrobenzenes with tetramethylguanidine in acetonitrile. Journal of Molecular Structure, 1999, 478, 243-253.	3.6	9
152	Proton transfer reaction from some Câ€“H acids to N-bases in polar aprotic solvents. Journal of Molecular Structure, 1999, 478, 255-266.	3.6	9
153	15 N NMR and FTIR studies of 2,4-dinitroanilines and their salts. Journal of Molecular Structure, 2000, 524, 217-225.	3.6	9
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