

Grzegorz Schroeder

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ext. papers

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#	Paper	IF	Citations
3 ²²	Preparation of porous resin with Schiff base chelating groups for removal of heavy metal ions from aqueous solutions. <i>Chemical Engineering Journal</i> , 2015 , 263, 402-411	14.7	89
3 ²¹	Synthesis, physicochemical properties and antimicrobial evaluation of new (E)-chalcones. <i>European Journal of Medicinal Chemistry</i> , 2008 , 43, 707-13	6.8	81
3 ²⁰	Dendrimer-functionalized halloysite nanotubes for effective drug delivery. <i>Applied Clay Science</i> , 2018 , 153, 134-143	5.2	69
3 ¹⁹	Halloysite nanotubes as carriers of vancomycin in alginate-based wound dressing. <i>Saudi Pharmaceutical Journal</i> , 2017 , 25, 911-920	4.4	60
3 ¹⁸	Removal of heavy metal ions with the use of chelating polymers obtained by grafting pyridine-pyrazole ligands onto polymethylhydrosiloxane. <i>Chemical Engineering Journal</i> , 2015 , 259, 885-893	14.7	58
3 ¹⁷	H ⁺ , Li ⁺ , and Na ⁺ Polarizabilities in 1:1 Crown Ether Cation Complexes. A FTIR Study. <i>The Journal of Physical Chemistry</i> , 1995 , 99, 8519-8523		53
3 ¹⁶	FTIR, NMR and kinetic studies of proton transfer reactions from nitro-substituted diarylmethanes to N-bases with guanidine character. <i>Journal of Molecular Structure</i> , 1995 , 344, 77-88	3.4	44
3 ¹⁵	Supercritical fluid extraction of algae enhances levels of biologically active compounds promoting plant growth. <i>European Journal of Phycology</i> , 2016 , 51, 243-252	2.2	39
3 ¹⁴	Alginate/PAMAM dendrimer - Halloysite beads for removal of cationic and anionic dyes. <i>International Journal of Biological Macromolecules</i> , 2019 , 123, 398-408	7.9	39
3 ¹³	The Schiff base of gossypol with 2-(aminomethyl)-15-crown-5 complexes with monovalent cations studied by MS, ¹ H NMR, FT-IR and PM5 semiempirical methods. <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 6137-6143	3.6	38
3 ¹²	Molecularly imprinted polymer as drug delivery carrier in alginate dressing. <i>Materials Letters</i> , 2017 , 201, 46-49	3.3	37
3 ¹¹	Vinyl tris-2-methoxyethoxy silane [A new class of film-forming electrolyte components for Li-ion cells with graphite anodes. <i>Electrochemistry Communications</i> , 2006 , 8, 523-527	5.1	37
3 ¹⁰	FT-IR and FT-Raman spectroscopies and DFT modelling of benzimidazolium salts. <i>Chemical Physics</i> , 2006 , 327, 439-451	2.3	33
3 ⁰⁹	¹ H 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 Ca ²⁺ , Pb ²⁺ and Ba ²⁺ cations. <i>Journal of Physical Organic Chemistry</i> , 2003 , 16, 289-297	2.1	33
3 ⁰⁸	Basicity, IR spectra and protonation of some proton sponges in acetonitrile. <i>Journal of Molecular Structure</i> , 1992 , 274, 75-82	3.4	33
3 ⁰⁷	Valuable natural products from marine and freshwater macroalgae obtained from supercritical fluid extracts. <i>Journal of Applied Phycology</i> , 2018 , 30, 591-603	3.2	32
3 ⁰⁶	Silicon polypodands: powerful metal cation complexing agents and solid-liquid phase-transfer catalysts of new generation. <i>Tetrahedron Letters</i> , 2003 , 44, 4149-4151	2	30

305	New lithium ion conducting polymer electrolytes based on polysiloxane grafted with Si-tripodand centers. <i>Electrochemistry Communications</i> , 2007 , 9, 1558-1562	5.1	29
304	Spectroscopic studies of amino acid ionic liquid-supported Schiff bases. <i>Molecules</i> , 2013 , 18, 4986-5004	4.8	28
303	Biomass of freshwater Cladophora as a raw material for agriculture and the cosmetic industry. <i>Open Chemistry</i> , 2015 , 13,	1.6	27
302	Flowing atmospheric pressure afterglow combined with laser ablation for direct analysis of compounds separated by thin-layer chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 815-23	4.4	27
301	Complexes of Schiff base of gossypol with 5-hydroxy-3-oxapentylamine and Ca ²⁺ , Ba ²⁺ or Pb ²⁺ cations studied by NMR, FT-IR, ESI MS as well as PM5 semiempirical methods. <i>Journal of Molecular Structure</i> , 2003 , 658, 115-124	3.4	26
300	Synthesis of new dendritic antenna-like polypyridine ligands. <i>Chemical Papers</i> , 2012 , 66,	1.9	25
299	Excess proton hydrate structures with large proton polarizability in the channel of trioxaalkyl phosphate. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998 , 94, 2093-2096		25
298	Silicon polypodands: a new class of efficient solid-liquid phase-transfer catalysts. <i>Tetrahedron</i> , 2004 , 60, 10111-10115	2.4	25
297	Hydrogen Bonds and Hydrogen-Bonded Chains in Complexes of 3-(Hydroxymethyl)-2,2'-biphenol with N-Bases. FTIR and ¹ H NMR Studies. <i>Journal of Physical Chemistry A</i> , 2000 , 104, 7469-7472	2.8	25
296	Inorganic Esters of Ethylene Glycol as Macrocyclic Ligands. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1999 , 35, 327-334		25
295	FTIR and multinuclear magnetic resonance studies of tris(oxaalkyl) borates and their complexes with Li ⁺ and Na ⁺ cations. <i>Physical Chemistry Chemical Physics</i> , 1999 , 1, 4897-4901	3.6	25
294	¹ H- and ¹³ C-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. <i>Biopolymers</i> , 2006 , 82, 521-35	2.2	23
293	The Schiff base of gossypol with 2-(aminomethyl)-18-crown-6 complexes and H ⁺ , Li ⁺ , Na ⁺ , K ⁺ , Rb ⁺ , Cs ⁺ cations studied by ESI MS, ¹ H NMR, FT-IR and PM5 semiempirical methods. <i>Journal of Molecular Structure</i> , 2004 , 699, 65-77	3.4	23
292	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. <i>Journal of Molecular Structure</i> , 2003 , 654, 245-252	3.4	23
291	Schiff base of gossypol with 3,6,9-trioxa-decylamine complexes with monovalent cations studied by mass spectrometry, (¹)H-NMR, FTIR, and PM5 semiempirical methods. <i>Biopolymers</i> , 2004 , 73, 470-83	2.2	22
290	Anion-π interactions-interactions between benzo-crown ether metal cation complexes and counter ions. <i>Journal of the American Society for Mass Spectrometry</i> , 2009 , 20, 257-62	3.5	21
289	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. <i>Journal of Molecular Structure</i> , 2003 , 658, 193-205	3.4	21
288	NMR, FT-IR and ESI-MS study of new lasalocid ester with 2-(hydroxymethyl)-12-crown-4 and its complexes with monovalent cations. <i>Journal of Molecular Structure</i> , 2005 , 749, 128-137	3.4	21

287	Supercritical Algal Extracts: A Source of Biologically Active Compounds from Nature. <i>Journal of Chemistry</i> , 2015 , 2015, 1-14	2.3	20
286	Investigation of complex structures of a new 2-hydroxyethyl ester of Monensin A with Mg ²⁺ , Ca ²⁺ , Sr ²⁺ , Ba ²⁺ cations using electrospray ionization mass spectrometry and semiempirical PM5 methods. <i>Journal of Molecular Structure</i> , 2007 , 829, 111-119	3.4	20
285	Multinuclear NMR and FTIR studies of new polyoxaalkyl esters of lasalocid and their complexes with lithium and sodium cations. <i>Biopolymers</i> , 2002 , 65, 95-110	2.2	20
284	Reaction of some strong N-bases with chloropentafluorobenzene in the presence of water molecules. <i>Journal of Organic Chemistry</i> , 2003 , 68, 3139-44	4.2	20
283	Studies of complexation of metal cations by tris(3,6-dioxaheptyl)amine in solution. <i>Journal of Molecular Structure</i> , 1999 , 508, 129-138	3.4	20
282	Physico-chemical characterization of formulations containing endomorphin-2 derivatives. <i>Amino Acids</i> , 2017 , 49, 1719-1731	3.5	19
281	Hydrogen bonds in phenylboronic acids with polyoxaalkyl substituents at ortho-position. <i>Journal of Molecular Structure</i> , 2009 , 920, 430-435	3.4	19
280	Impact of ethyl tris-2-methoxyethoxy silane on the passivation of graphite electrode in Li-ion cells with PC-based electrolyte. <i>Electrochemistry Communications</i> , 2006 , 8, 1583-1587	5.1	19
279	Spectroscopic and PM5 semiempirical study of new lasalocid 5-hydroxypentyl ester and its complexes with monovalent cations. <i>Journal of Molecular Structure</i> , 2004 , 699, 53-64	3.4	19
278	Adsorption studies of Cu(II) ions on dendrimer-grafted silica-based materials. <i>Journal of Molecular Liquids</i> , 2019 , 281, 176-185	6	18
277	PAMAM-halloysite Dunino hybrid as an effective adsorbent of ibuprofen and naproxen from aqueous solutions. <i>Applied Clay Science</i> , 2020 , 190, 105603	5.2	18
276	Electron paramagnetic resonance as an effective method for a characterization of functionalized iron oxide. <i>Journal of Physics and Chemistry of Solids</i> , 2014 , 75, 594-598	3.9	18
275	The influence of fluorine position on the properties of fluorobenzoxaboroles. <i>Bioorganic Chemistry</i> , 2015 , 60, 130-5	5.1	18
274	Increase in efficiency of dye-sensitized solar cells by porous TiO ₂ layer modification with gadolinium-containing thin layer. <i>Journal of Rare Earths</i> , 2011 , 29, 783-786	3.7	18
273	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. <i>Journal of Molecular Structure</i> , 2004 , 694, 55-61	3.4	18
272	ESI MS and PM5 semiempirical studies of gossypol schiff base with (R)-tetrahydrofurfurylamine complexes and monovalent cations. <i>Journal of Molecular Structure</i> , 2004 , 693, 95-102	3.4	18
271	NMR, FT-IR, ESI MS and PM5 semiempirical study of new lasalocid 5-hydroxy-3-oxapentyl ester and its complexes with monovalent cations. <i>Journal of Molecular Structure</i> , 2005 , 733, 155-165	3.4	18
270	Fluoro-substituted 2-formylphenylboronic acids: Structures, properties and tautomeric equilibria. <i>Journal of Fluorine Chemistry</i> , 2016 , 187, 1-8	2.1	18

269	17 O NMR studies of boronic acids and their derivatives. <i>New Journal of Chemistry</i> , 2013 , 37, 1056	3.6	17
268	Dielectric barrier discharge ionization in characterization of organic compounds separated on thin-layer chromatography plates. <i>PLoS ONE</i> , 2014 , 9, e106088	3.7	17
267	A new type of B-podand catalysts for solid-liquid phase transfer reactions. <i>Tetrahedron Letters</i> , 2006 , 47, 5673-5676	2	17
266	Lasalocid polyoxaalkyl esters complexes with Li ⁺ , Na ⁺ , K ⁺ , Rb ⁺ and Cs ⁺ cations studied by ESI MS and semiempirical methods. <i>Journal of Molecular Structure</i> , 2004 , 688, 171-176	3.4	17
265	NMR, FT-IR, ESI MS studies and PM5 semiempirical calculations of lasalocid ethylene glycol ester complexes with Li ⁺ and Na ⁺ cations. <i>Journal of Molecular Structure</i> , 2004 , 694, 155-163	3.4	17
264	Studies of Silicon Podand Solvents. <i>Supramolecular Chemistry</i> , 2004 , 16, 303-310	1.8	17
263	¹ H NMR and FTIR studies of proton transfer reactions from C-acids to proton sponges. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1992 , 2257		17
262	Spectroscopic and kinetic studies of the aldehyde-lactol tautomerization of gossypol in solution. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1991 , 1359-1362		17
261	Application of paclitaxel-imprinted microparticles obtained using two different cross-linkers for prolonged drug delivery. <i>European Polymer Journal</i> , 2019 , 118, 328-336	5.2	16
260	Polyether-functionalized disiloxanes as new film-forming electrolyte additive for Li-ion cells with graphitic anodes. <i>Electrochemistry Communications</i> , 2008 , 10, 1676-1679	5.1	16
259	Catalytic activity and anion activation in SN ₂ reactions promoted by complexes of silicon polypodands. Comparison with traditional polyethers. <i>New Journal of Chemistry</i> , 2005 , 29, 1195	3.6	16
258	Spectroscopic, spectrometric and PM5 semiempirical investigation of new lasalocid 8-hydroxy-3,6-dioxaoctyl ester and its complexes with monovalent cations. <i>Journal of Molecular Structure</i> , 2005 , 733, 217-229	3.4	16
257	Influence of fluorine substituents on the NMR properties of phenylboronic acids. <i>Magnetic Resonance in Chemistry</i> , 2014 , 52, 202-13	2.1	15
256	EPR spectroscopy and imaging of TEMPO-labeled magnetite nanoparticles. <i>Current Applied Physics</i> , 2014 , 14, 798-804	2.6	15
255	Antifungal activity of alkyl and heterocyclic aza-derivatives of gossypol as well as their complexes with NaClO ₄ against <i>Fusarium oxysporum</i> f. sp. <i>lupini</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 1996-2000	2.9	15
254	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. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 8061-9	2.8	15
253	Experimental and quantum chemical evidences for C≡N hydrogen bonds involving quaternary pyridinium salts and pyridinium ylides. <i>Journal of Molecular Structure</i> , 2000 , 555, 31-42	3.4	15
252	Kinetic and equilibrium studies of the proton and deuteron transfer reaction between diarylcyanomethanes and 1,2-bis-(dialkylaminomethyl)benzene in acetonitrile. <i>Journal of Molecular Structure</i> , 1992 , 274, 83-91	3.4	15

251	FAPA mass spectrometry of designer drugs. <i>Talanta</i> , 2016 , 146, 29-33	6.2	14
250	The tetrapeptide N-acetyl-Pro-Pro-Tyr-Leu in skin care formulations-Physicochemical and release studies. <i>International Journal of Pharmaceutics</i> , 2015 , 492, 161-8	6.5	14
249	Novel 2,6-disubstituted phenylboronic compounds [Synthesis, crystal structures, solution behaviour and reactivity. <i>Journal of Organometallic Chemistry</i> , 2015 , 788, 36-41	2.3	14
248	Adsorption of hydrogen peroxide on functionalized mesoporous silica surfaces. <i>Structural Chemistry</i> , 2014 , 25, 1505-1512	1.8	14
247	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. <i>Microporous and Mesoporous Materials</i> , 2017 , 240, 80-90	5.3	14
246	The reaction of substituted N-phenacyl-pyridinium bromides in the pyridine ring with DABCO and DBU in water and DMSO. Kinetics and DFT studies. <i>Journal of Molecular Structure</i> , 2004 , 708, 87-95	3.4	14
245	Loss of isocyanic acid from the internal oxadiazole ring of protonated molecules of some 2,5-diaryl-1,3,4-oxadiazoles. <i>Rapid Communications in Mass Spectrometry</i> , 2002 , 16, 390-5	2.2	14
244	Study of the decarboxylation mechanism of fluorobenzoic acids by strong N-bases. <i>Journal of Physical Organic Chemistry</i> , 2001 , 14, 691-696	2.1	14
243	Proton transfer reactions from dimethyl (4-nitrophenyl)malonate to N-bases in acetonitrile. <i>Journal of Molecular Structure</i> , 1996 , 384, 127-133	3.4	14
242	The Application of Homogenate and Filtrate from Baltic Seaweeds in Seedling Growth Tests. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 230	2.6	13
241	Preparation of multifunctional cascade iron oxide nanoparticles for drug delivery. <i>Materials Chemistry and Physics</i> , 2018 , 211, 34-41	4.4	13
240	Self-assembly of quaterpyridine ligands and Cu ⁺ cation into helical complexes of 2:2 stoichiometry under electrospray ionisation conditions. <i>European Journal of Mass Spectrometry</i> , 2010 , 16, 163-8	1.1	13
239	Characterization of 2-aryl-1,3,4-oxadiazoles by ¹⁵ N and ¹³ C NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2003 , 41, 689-692	2.1	13
238	Electrospray ionization mass spectrometric study of purine base-cisplatin complexes. <i>Rapid Communications in Mass Spectrometry</i> , 2005 , 19, 970-4	2.2	13
237	Study of 1,5,7-triazabicyclo[4,4,0]dec-5-ene protonation by vibrational spectroscopic methods. <i>Journal of Molecular Structure</i> , 2000 , 516, 123-130	3.4	13
236	FT-IR and NMR study of tris(oxaalkyl) borates and their complexes with HAuCl ₄ . <i>Journal of Molecular Structure</i> , 2000 , 519, 119-123	3.4	13
235	Vancomycin-modified silica: Synthesis, controlled release and biological activity of the drug. <i>International Journal of Pharmaceutics</i> , 2015 , 486, 226-31	6.5	12
234	Molecularly Imprinted Polymers and Magnetic Molecularly Imprinted Polymers for Selective Determination of Estrogens in Water by ESI-MS/FAPA-MS. <i>Biomolecules</i> , 2020 , 10,	5.9	12

233	New polymeric metal ion scavengers with polyamine podand moieties. <i>Reactive and Functional Polymers</i> , 2011 , 71, 463-479	4.6	12
232	Protonation of Very Strong Bases by Phenols in Non-aqueous Solutions. <i>Journal of Chemical Research Synopses</i> , 1997 , 151-151		12
231	Application of a new class B-podands in solid-liquid phase transfer catalysis. <i>Journal of Molecular Catalysis A</i> , 2007 , 269, 141-148		12
230	Potentiometric, ESI MS and AM1d studies of lasalocid esters-silver(I) complexes. <i>Journal of Molecular Structure</i> , 2006 , 782, 73-80	3.4	12
229	Deprotonation of N-phenacyl- and N-acetyl-4-cyanopyridinium halides with 1,4-diazabicyclo[2,2,2]octane. <i>Journal of Molecular Structure</i> , 2002 , 643, 55-68	3.4	12
228	Mass spectrometric decompositions of cationized beta-cyclodextrin. <i>Carbohydrate Research</i> , 2005 , 340, 1567-72	2.9	12
227	Podand Solvents for Organic Reactions. <i>Supramolecular Chemistry</i> , 2002 , 14, 497-502	1.8	12
226	²³ Na NMR and FT-IR studies of sodium complexes with the ionophore lasalocid in solution. <i>Journal of Molecular Structure</i> , 2000 , 516, 91-98	3.4	12
225	Deprotonation of 1-(carbethoxyalkyl)pyridinium halides with strong N-bases. <i>Journal of Physical Organic Chemistry</i> , 1999 , 12, 39-46	2.1	12
224	Kinetics and mechanism of proton transfer reactions from N?H acid to 1,2-bis(dialkylaminomethyl)benzene in acetonitrile. <i>Journal of Molecular Structure</i> , 1995 , 344, 89-94	3.4	12
223	Molecularly imprinted polymers as selective adsorbents for ambient plasma mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 3393-3405	4.4	11
222	High decrease in soil metal bioavailability by metal immobilization with halloysite clay. <i>Environmental Chemistry Letters</i> , 2015 , 13, 319-325	13.3	11
221	The Application of the Microwave Plasma Ionization Source in Ambient Mass Spectrometry. <i>Plasma Chemistry and Plasma Processing</i> , 2019 , 39, 1001-1017	3.6	11
220	Biological activity and ESI MS study of oxalkyl and hydroksyoxalkyl lasalocid esters. <i>Journal of Molecular Structure</i> , 2006 , 783, 136-144	3.4	11
219	Studies of lithium and sodium complexation by silicon podand solvents. <i>Journal of Molecular Structure</i> , 2002 , 607, 77-86	3.4	11
218	ESI MS, NMR and PM5 semiempirical studies of oligomycin A and its complexes with Li ⁺ and Na ⁺ cations. <i>Journal of Molecular Structure</i> , 2005 , 738, 261-270	3.4	11
217	Potentiometric and AM1d studies of silicon podands-silver(I) complexes. <i>Journal of Molecular Structure</i> , 2005 , 738, 227-231	3.4	11
216	Potentiometric and AM1d studies of silicon and phosphorous podands-silver (I) complexes. <i>Journal of Molecular Structure</i> , 2005 , 749, 122-127	3.4	11

215	Multinuclear NMR studies of tris(oxaalkyl) borates and their complexes with some metal cations. <i>Journal of Molecular Structure</i> , 1999 , 513, 149-153	3-4	11
214	Proton transfer reactions from N ⁺ H acid to proton sponges in acetonitrile. part 2. <i>Journal of Molecular Structure</i> , 1996 , 377, 149-154	3-4	11
213	Kinetic and equilibrium studies of the proton and deuteron transfer reaction between bis(2,4-dinitrophenyl)methane and strong nitrogen bases in acetonitrile. <i>Journal of Molecular Structure</i> , 1993 , 299, 11-20	3-4	11
212	Focusing of Fe ₃ O ₄ nanoparticles using a rotating magnetic field in various environments. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018 , 382, 3192-3196	2-3	11
211	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). <i>Molecules</i> , 2019 , 24,	4-8	10
210	Vibrational spectra, structure and antioxidant activity of gossypol imine derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 86, 328-35	4-4	10
209	Molecular scavengers as carriers of analytes for mass spectrometry identification. <i>Analytical Chemistry</i> , 2014 , 86, 11226-9	7-8	10
208	Preparation and characterization of magnetic carbon nanomaterials bearing APTSi/silica on their surface. <i>Journal of Materials Science</i> , 2010 , 45, 1100-1106	4-3	10
207	1,4-Phenylene-di(N-l-alanylaminomethylphosphonate) a new diamminophosphonate peptide receptor for lysine and arginine. <i>Journal of Molecular Structure</i> , 2008 , 873, 173-180	3-4	10
206	Mass spectrometric fragmentation pathways of isotope labeled 2,5-disubstituted-1,3,4-oxadiazoles and thiadiazoles. <i>International Journal of Mass Spectrometry</i> , 2004 , 231, 47-49	1-9	10
205	FTIR and NMR studies of bis(oxaalkyl) sulphates(IV) and their complexes with proton and some metal cations. <i>Journal of Molecular Structure</i> , 2002 , 607, 9-17	3-4	10
204	⁷ Li-NMR and FTIR studies of lithium, potassium, rubidium, and cesium complexes with ionophore lasalocid in solution. <i>Biopolymers</i> , 2001 , 62, 173-82	2-2	10
203	NMR study of the complexes of tris(oxaalkyl) borates with SbCl ₅ . <i>Journal of Molecular Structure</i> , 2000 , 516, 153-156	3-4	10
202	The proton transfer reaction between bis(2,4-dinitrophenyl)methane and nitrogen bases in dimethyl sulfoxide and toluene solvents. <i>Canadian Journal of Chemistry</i> , 1991 , 69, 468-473	0-9	10
201	The influence of surface modification, coating agents and pH value of aqueous solutions on physical properties of magnetite nanoparticles investigated by ESR method. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 429, 203-210	2-8	9
200	Heat assisted sample introduction and determination of cannabinoids by dielectric barrier discharge ionization mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2015 , 386, 32-36	1-9	9
199	The influence of cross-linking agent onto adsorption properties, release behavior and cytotoxicity of doxorubicin-imprinted microparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 182, 110379	6	9
198	Functionalized polystyrene beads as carriers in release studies of two herbicides: 2,4-dichlorophenoxyacetic acid and 2-methyl-4-chlorophenoxyacetic acid. <i>International Journal of Environmental Science and Technology</i> , 2019 , 16, 5623-5634	3-3	9

197	Adsorption studies and release of selected dyes from functionalized mesoporous MCM-41 silica. <i>Open Chemistry</i> , 2014 , 12, 233-241	1.6	9
196	Structural features of the adenosine conjugate in means of vibrational spectroscopy and DFT. <i>Biophysical Chemistry</i> , 2009 , 142, 17-26	3.5	9
195	FTIR and ¹ H NMR studies of proton transfer reactions from 'C-acids' to N-bases in acetonitrile. <i>Journal of Molecular Structure</i> , 1997 , 406, 99-106	3.4	9
194	Proton transfer reactions from N-H acid [5,10,15,20-tetrakis(pentafluorophenyl)-21-H, 23-H-porphyrin] to strong bases in acetonitrile. <i>Journal of Molecular Structure</i> , 1997 , 416, 11-19	3.4	9
193	New type of repeated SiO ₂ -podand catalysts for solid-liquid phase transfer reactions. <i>Catalysis Communications</i> , 2008 , 9, 821-825	3.2	9
192	Formation of stoichiometric complexes between dibenzo-30-crown-10 and guanidinium moiety containing compounds. <i>International Journal of Mass Spectrometry</i> , 2007 , 266, 180-184	1.9	9
191	Potentiometric and AM1d studies of silicon and boron podands-Silver (I) complexes. <i>Journal of Molecular Structure</i> , 2006 , 788, 184-189	3.4	9
190	The complexes of some s-triazine herbicides with metal cations studied by ESI mass spectrometry and theoretical calculations. <i>Journal of Molecular Structure</i> , 2004 , 690, 45-51	3.4	9
189	Mass spectrometric study of some protonated and lithiated 2,5-disubstituted-1,3,4-oxadiazoles. <i>Journal of the American Society for Mass Spectrometry</i> , 2003 , 14, 289-94	3.5	9
188	The reaction heats and PM5 semiempirical studies of complexes formed between silicon podand and monovalent cations. <i>Journal of Molecular Structure</i> , 2005 , 733, 231-237	3.4	9
187	Proton transfer reaction from some C≡N acids to N-bases in polar aprotic solvents. <i>Journal of Molecular Structure</i> , 1999 , 478, 255-266	3.4	9
186	Proton transfer reactions from N≡H acid to various N-bases in acetonitrile. <i>Journal of Molecular Structure</i> , 1995 , 354, 131-139	3.4	9
185	Biomass and Extracts of Algae as Material for Cosmetics 2015 , 681-706		8
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183	Magnetic scavengers as carriers of analytes for flowing atmospheric pressure afterglow mass spectrometry (FAPA-MS). <i>Analyst, The</i> , 2015 , 140, 6138-44	5	8
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