

# Grzegorz Schroeder

## List of Publications by Year in Descending Order

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

322  
papers

3,265  
citations

25  
h-index

36  
g-index

340  
ext. papers

3,634  
ext. citations

3.1  
avg. IF

5.55  
L-index

#	Paper	IF	Citations
322	Molecularly Imprinted Polymers with Enhanced Selectivity Based on 4-(Aminomethyl)pyridine-Functionalized Poly(2-oxazoline)s for Detecting Hazardous Herbicide Contaminants. <i>Chemistry of Materials</i> , <b>2022</b> , 34, 84-96	9.6	1
321	Taxifolin as a Promising Ingredient of Cosmetics for Adult Skin. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	2
320	Disruption of insect immunity using analogs of the pleiotropic insect peptide hormone Neb-colloostatin: a nanotech approach for pest control II. <i>Scientific Reports</i> , <b>2021</b> , 11, 9459	4.9	1
319	Environmental impact of molecularly imprinted polymers used as analyte sorbents in mass spectrometry. <i>Science of the Total Environment</i> , <b>2021</b> , 772, 145074	10.2	3
318	Deferoxamine-Modified Hybrid Materials for Direct Chelation of Fe(III) Ions from Aqueous Solutions and Indication of the Competitiveness of Complexing toward a Biological System. <i>ACS Omega</i> , <b>2021</b> , 6, 15168-15181	3.9	0
317	Application of FAPA mass spectrometry for analysis of fragrance ingredients used in cosmetics. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2021</b> , 168, 108326	4.6	2
316	The Industrial Production of Water Dedicated to Absorption of Gases. <i>Journal of Water Resource and Protection</i> , <b>2021</b> , 13, 632-653	0.7	
315	Adsorption and selectivity studies of direct and magnetite-cored molecularly imprinted polymers (MIPs and magMIPs) towards chosen chalcones investigated with various analytical methods.. <i>RSC Advances</i> , <b>2021</b> , 11, 25334-25347	3.7	1
314	Doubly or triply protonated? Complexes of cucurbit[n]urils (n = 6, 8) with a tripodal ligand tris(2-aminoethyl)amine (TREN). <i>Journal of Molecular Liquids</i> , <b>2021</b> , 336, 116347	6	0
313	Dual-Polymeric Resin Based on Poly(methyl vinyl ether-alt-maleic anhydride) and PAMAM Dendrimer as a Versatile Supramolecular Adsorbent. <i>ACS Applied Polymer Materials</i> , <b>2021</b> , 3, 956-967	4.3	1
312	Molecularly Imprinted Polymers and Magnetic Molecularly Imprinted Polymers for Selective Determination of Estrogens in Water by ESI-MS/FAPA-MS. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	12
311	Photoacoustic Spectroscopy of Surface-Functionalized FeO-SiO Nanoparticles. <i>Applied Spectroscopy</i> , <b>2020</b> , 74, 712-719	3.1	1
310	Application of Molecularly Imprinted Polymers (MIP) and Flowing Atmospheric-Pressure Afterglow Mass Spectrometry (FAPA-MS) to Analysis of Nonsteroidal Anti-Inflammatory Drugs (NSAIDs). <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 4217	2.6	6
309	ESR Method in Monitoring of Nanoparticle Endocytosis in Cancer Cells. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
308	Simultaneous voltammetric determination of Cd <sup>2+</sup> , Pb <sup>2+</sup> , and Cu <sup>2+</sup> ions captured by Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> core-shell nanostructures of various outer amino chain length. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 314, 113677	6	7
307	PAMAM-halloysite Dunino hybrid as an effective adsorbent of ibuprofen and naproxen from aqueous solutions. <i>Applied Clay Science</i> , <b>2020</b> , 190, 105603	5.2	18
306	Glow Discharge Plasma as a Cause of Changes in Aqueous Solutions: The Mass Spectrometry Study of Solvation Processes of Ions. <i>Asian Journal of Chemistry</i> , <b>2020</b> , 33, 220-230	0.4	2

305	Efficient Removal of Ni(II) and Co(II) Ions from Aqueous Solutions Using Silica-based Hybrid Materials Functionalized with PAMAM Dendrimers. <i>Solvent Extraction and Ion Exchange</i> , <b>2020</b> , 38, 496-521	5	7
304	Construction of Plasma Ion Sources to be Applied in Analysis of Small Organic Compounds Using Mass Spectrometry. <i>Plasma Chemistry and Plasma Processing</i> , <b>2020</b> , 40, 235-260	3.6	6
303	Comparison of Cadmium Cd <sup>2+</sup> and Lead Pb <sup>2+</sup> Binding by Fe <sub>2</sub> O <sub>3</sub> @SiO <sub>2</sub> -EDTA Nanoparticles □ Binding Stability and Kinetic Studies. <i>Electroanalysis</i> , <b>2020</b> , 32, 588-597	3	5
302	Porous Poly(2-oxazoline)-Based Polymers for Removal and Quantification of Phenolic Compounds. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 6425-6436	9.6	8
301	Analysis of Amygdalin in Various Matrices Using Electrospray Ionization and Flowing Atmospheric-Pressure Afterglow Mass Spectrometry. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	2
300	Molecularly imprinted polymers as adsorbents in mass spectrometry techniques. <i>Comprehensive Analytical Chemistry</i> , <b>2019</b> , 86, 295-336	1.9	1
299	Application of paclitaxel-imprinted microparticles obtained using two different cross-linkers for prolonged drug delivery. <i>European Polymer Journal</i> , <b>2019</b> , 118, 328-336	5.2	16
298	Adsorption studies of Cu(II) ions on dendrimer-grafted silica-based materials. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 281, 176-185	6	18
297	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> , <b>2019</b> , 24,	4.8	10
296	The Application of the Microwave Plasma Ionization Source in Ambient Mass Spectrometry. <i>Plasma Chemistry and Plasma Processing</i> , <b>2019</b> , 39, 1001-1017	3.6	11
295	The influence of cross-linking agent onto adsorption properties, release behavior and cytotoxicity of doxorubicin-imprinted microparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 182, 110379	6	9
294	Photoacoustic infrared spectroscopic studies of silica surface functionalized by dendrimers. <i>Vibrational Spectroscopy</i> , <b>2019</b> , 103, 102943	2.1	4
293	Impairment of the immune response after transcuticular introduction of the insect gonadoinhibitory and hemocytotoxic peptide Neb-colloostatin: A nanotech approach for pest control. <i>Scientific Reports</i> , <b>2019</b> , 9, 10330	4.9	6
292	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> , <b>2019</b> , 16, 5623-5634	3.3	9
291	ESR as a monitoring method of the interactions between TEMPO-functionalized magnetic nanoparticles and yeast cells. <i>Scientific Reports</i> , <b>2019</b> , 9, 18733	4.9	4
290	Alginate/PAMAM dendrimer - Halloysite beads for removal of cationic and anionic dyes. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 123, 398-408	7.9	39
289	Stoichiometry and thermodynamics of gemcitabine and cucurbituril Q7 supramolecular complexes in high acidic aqueous solution. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1178, 554-563	3.4	8
288	Structures and properties of trifluoromethylphenylboronic acids. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1180, 237-243	3.4	7

287	Preparation of multifunctional cascade iron oxide nanoparticles for drug delivery. <i>Materials Chemistry and Physics</i> , <b>2018</b> , 211, 34-41	4.4	13
286	Dendrimer-functionalized halloysite nanotubes for effective drug delivery. <i>Applied Clay Science</i> , <b>2018</b> , 153, 134-143	5.2	69
285	Valuable natural products from marine and freshwater macroalgae obtained from supercritical fluid extracts. <i>Journal of Applied Phycology</i> , <b>2018</b> , 30, 591-603	3.2	32
284	Economic Aspects of Algae Biomass Harvesting for Industrial Purposes. The Life-Cycle Assessment of the Product <b>2018</b> , 131-143		
283	Focusing of Fe <sub>3</sub> O <sub>4</sub> nanoparticles using a rotating magnetic field in various environments. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2018</b> , 382, 3192-3196	2.3	11
282	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> , <b>2017</b> , 429, 203-210	2.8	9
281	Halloysite nanotubes as carriers of vancomycin in alginate-based wound dressing. <i>Saudi Pharmaceutical Journal</i> , <b>2017</b> , 25, 911-920	4.4	60
280	Molecularly imprinted polymers as selective adsorbents for ambient plasma mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 3393-3405	4.4	11
279	Molecularly imprinted polymer as drug delivery carrier in alginate dressing. <i>Materials Letters</i> , <b>2017</b> , 201, 46-49	3.3	37
278	The Application of Homogenate and Filtrate from Baltic Seaweeds in Seedling Growth Tests. <i>Applied Sciences (Switzerland)</i> , <b>2017</b> , 7, 230	2.6	13
277	The dynamics of functionalized magnetite nanoparticles in various solutions studied by ESR method. <i>Materials Chemistry and Physics</i> , <b>2017</b> , 198, 297-302	4.4	6
276	Physico-chemical characterization of formulations containing endomorphin-2 derivatives. <i>Amino Acids</i> , <b>2017</b> , 49, 1719-1731	3.5	19
275	The principles of a new method, MNF-3D, for concentration of magnetic particles in three-dimensional space. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2017</b> , 112, 137-140	4.6	7
274	Synthesis of G0 aminopolyol and aminosugar dendrimers, controlled by NMR and MALDI TOF mass spectrometry. <i>Designed Monomers and Polymers</i> , <b>2017</b> , 20, 144-156	3.1	2
273	Magnetic mesoporous silica Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @meso-SiO <sub>2</sub> and Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @meso-SiO <sub>2</sub> -NH <sub>2</sub> as adsorbents for the determination of trace organic compounds. <i>Microporous and Mesoporous Materials</i> , <b>2017</b> , 240, 80-90	5.3	14
272	FAPA mass spectrometry of designer drugs. <i>Talanta</i> , <b>2016</b> , 146, 29-33	6.2	14
271	Supercritical fluid extraction of algae enhances levels of biologically active compounds promoting plant growth. <i>European Journal of Phycology</i> , <b>2016</b> , 51, 243-252	2.2	39
270	Effect of Solvent Variations in the Alcothermal Synthesis of Template-Free Mesoporous Titania for Dye-Sensitized Solar Cells Applications. <i>PLoS ONE</i> , <b>2016</b> , 11, e0164670	3.7	1

269	Electro-oxidation of diclofenac in methanol as studied by high-performance liquid chromatography/electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2016</b> , 30, 1662-6	2.2	3
268	The influence of silica functionalized with silanes on migration of heavy metals in soil. <i>Polish Journal of Chemical Technology</i> , <b>2016</b> , 18, 51-57	1	2
267	Determination of conditional stability constants for phytic acid complexes with Mg, Ca and Zn ions using electrospray ionization mass spectrometry. <i>European Journal of Mass Spectrometry</i> , <b>2016</b> , 22, 245-252	1.1	3
266	Diffusion of functionalized magnetite nanoparticles forced by a magnetic field studied by EPR method. <i>Current Applied Physics</i> , <b>2016</b> , 16, 562-567	2.6	8
265	Flowing atmospheric pressure afterglow combined with laser ablation for direct analysis of compounds separated by thin-layer chromatography. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 815-23	4.4	27
264	Fluoro-substituted 2-formylphenylboronic acids: Structures, properties and tautomeric equilibria. <i>Journal of Fluorine Chemistry</i> , <b>2016</b> , 187, 1-8	2.1	18
263	Photoacoustic infrared spectroscopic studies of silica gels with organically functionalized surface. <i>Spectroscopy Letters</i> , <b>2016</b> , 49, 529-534	1.1	5
262	Analysis of Green Algae Extracts <b>2015</b> , 79-100		
261	Identification and Ecology of Macroalgae Species Existing in Poland <b>2015</b> , 15-40		1
260	Biomass and Extracts of Algae as Material for Cosmetics <b>2015</b> , 681-706		8
259	The tetrapeptide N-acetyl-Pro-Pro-Tyr-Leu in skin care formulations-Physicochemical and release studies. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 492, 161-8	6.5	14
258	Novel 2,6-disubstituted phenylboronic compounds [Synthesis, crystal structures, solution behaviour and reactivity. <i>Journal of Organometallic Chemistry</i> , <b>2015</b> , 788, 36-41	2.3	14
257	Fluorescence properties of riboflavin-functionalized mesoporous silica SBA-15 and riboflavin solutions in presence of different metal and organic cations. <i>Journal of Physics and Chemistry of Solids</i> , <b>2015</b> , 85, 56-61	3.9	8
256	Magnetic scavengers as carriers of analytes for flowing atmospheric pressure afterglow mass spectrometry (FAPA-MS). <i>Analyst, The</i> , <b>2015</b> , 140, 6138-44	5	8
255	Vancomycin-modified silica: Synthesis, controlled release and biological activity of the drug. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 486, 226-31	6.5	12
254	High decrease in soil metal bioavailability by metal immobilization with halloysite clay. <i>Environmental Chemistry Letters</i> , <b>2015</b> , 13, 319-325	13.3	11
253	Synthesis and NMR and mass spectrometric study of ammonioacetohydrazones of formylphenylboronic acids as novel ionic prospective sugar receptors. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 4695-4707	3.6	2
252	Biomass of freshwater Cladophora as a raw material for agriculture and the cosmetic industry. <i>Open Chemistry</i> , <b>2015</b> , 13,	1.6	27

251	Heat assisted sample introduction and determination of cannabinoids by dielectric barrier discharge ionization mass spectrometry. <i>International Journal of Mass Spectrometry</i> , <b>2015</b> , 386, 32-36	1.9	9
250	Preparation of porous resin with Schiff base chelating groups for removal of heavy metal ions from aqueous solutions. <i>Chemical Engineering Journal</i> , <b>2015</b> , 263, 402-411	14.7	89
249	Removal of heavy metal ions with the use of chelating polymers obtained by grafting pyridine/Pyrazole ligands onto polymethylhydrosiloxane. <i>Chemical Engineering Journal</i> , <b>2015</b> , 259, 885-893	14.7	58
248	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. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 496, 526-33	6.5	8
247	Mass spectrometry of lanthanide(III) complexes with 2,6-diformylpyridine bis(4-pyridylcarbohydrazone) and its unusual methylation observed in matrix-assisted laser desorption/ionization mass spectra. <i>Rapid Communications in Mass Spectrometry</i> , <b>2015</b> , 29, 1696-702	2.2	1
246	Immobilization of Zidovudine Derivatives on the SBA-15 Mesoporous Silica and Evaluation of Their Cytotoxic Activity. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126251	3.7	3
245	SBA-15 Mesoporous Silica Modified with Gallic Acid and Evaluation of Its Cytotoxic Activity. <i>PLoS ONE</i> , <b>2015</b> , 10, e0132541	3.7	4
244	The Cortinarius Fungi Dyes as Sensitizers in Dye-Sensitized Solar Cells. <i>International Journal of Photoenergy</i> , <b>2015</b> , 2015, 1-6	2.1	7
243	Supercritical Algal Extracts: A Source of Biologically Active Compounds from Nature. <i>Journal of Chemistry</i> , <b>2015</b> , 2015, 1-14	2.3	20
242	Effects of organic compounds on the macroalgae culture of <i>Aegagropila linnaei</i> . <i>Open Chemistry</i> , <b>2015</b> , 13,	1.6	3
241	The influence of fluorine position on the properties of fluorobenzoxaboroles. <i>Bioorganic Chemistry</i> , <b>2015</b> , 60, 130-5	5.1	18
240	Adsorption studies and release of selected dyes from functionalized mesoporous MCM-41 silica. <i>Open Chemistry</i> , <b>2014</b> , 12, 233-241	1.6	9
239	Poly(methyl vinyl ether-alt-maleic anhydride) functionalized with 3-aminophenylboronic acid: A new boronic acid polymer for sensing diols in neutral water. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	6
238	Chemistry for nanotechnology. <i>Polish Journal of Chemical Technology</i> , <b>2014</b> , 16, 70-74	1	2
237	Influence of fluorine substituents on the NMR properties of phenylboronic acids. <i>Magnetic Resonance in Chemistry</i> , <b>2014</b> , 52, 202-13	2.1	15
236	Adsorption of hydrogen peroxide on functionalized mesoporous silica surfaces. <i>Structural Chemistry</i> , <b>2014</b> , 25, 1505-1512	1.8	14
235	EPR spectroscopy and imaging of TEMPO-labeled magnetite nanoparticles. <i>Current Applied Physics</i> , <b>2014</b> , 14, 798-804	2.6	15
234	Electron paramagnetic resonance as an effective method for a characterization of functionalized iron oxide. <i>Journal of Physics and Chemistry of Solids</i> , <b>2014</b> , 75, 594-598	3.9	18

233	Formation of the $[M+Cu+4Cl]^+$ ion under laser desorption ionization conditions as a result of Cl addition to a C-C bond (M - methyl or ethyl ester of 3,5-bis(2,2'-bipyridin-4-ylethynyl)benzoic acid). <i>Rapid Communications in Mass Spectrometry</i> , <b>2014</b> , 28, 2759-62	2.2	
232	Dielectric barrier discharge ionization in characterization of organic compounds separated on thin-layer chromatography plates. <i>PLoS ONE</i> , <b>2014</b> , 9, e106088	3.7	17
231	Double barrier as an effective method for slower delivery rate of ibuprofen. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 472, 248-50	6.5	4
230	Molecular scavengers as carriers of analytes for mass spectrometry identification. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 11226-9	7.8	10
229	FAPA mass spectrometry of hydroxychalcones. Comparative studies with classical methods of ionization. <i>Current Issues in Pharmacy and Medical Sciences</i> , <b>2014</b> , 27, 27-31	0.5	4
228	Binding of Industrial Deposits of Heavy Metals and Arsenic in the Soil by 3-Aminopropyltrimethoxysilane. <i>Polish Journal of Chemical Technology</i> , <b>2014</b> , 16, 12-15	1	1
227	Determination of Hexapeptide ALA-ASP-LEU-LYS-PRO-THR by MALDI MS. <i>International Journal of Peptide Research and Therapeutics</i> , <b>2013</b> , 19, 217-224	2.1	5
226	Laser desorption/ionization mass spectrometric analysis of surfactants on functionalized carbon nanotubes. <i>Rapid Communications in Mass Spectrometry</i> , <b>2013</b> , 27, 258-64	2.2	6
225	Remediation of heavy metals from soil using quartz sand functionalized with organic amino silanes. <i>Polish Journal of Chemical Technology</i> , <b>2013</b> , 15, 116-120	1	2
224	Novel Si-tripodand functionalized ionic liquids as iodide sources for dye-sensitized solar cells. <i>Electrochimica Acta</i> , <b>2013</b> , 108, 736-740	6.7	2
223	Epoxy resin modified with amine as an effective complexing agent of metal cations. <i>Open Chemistry</i> , <b>2013</b> , 11, 1723-1728	1.6	2
222	Copper complexes formed by 3,5-bis(2,2'-bipyridin-4-ylethynyl)benzoic acid and its methyl and ethyl esters as studied by electrospray ionization mass spectrometry. <i>Open Chemistry</i> , <b>2013</b> , 11, 2066-2075	1.6	2
221	<sup>17</sup> O NMR studies of boronic acids and their derivatives. <i>New Journal of Chemistry</i> , <b>2013</b> , 37, 1056	3.6	17
220	Laser desorption/ionization mass spectrometric analysis of folic acid, vancomycin and Triton X-100 on variously functionalized carbon nanotubes. <i>Rapid Communications in Mass Spectrometry</i> , <b>2013</b> , 27, 2631-8	2.2	7
219	Polyoxaethylene polypodands [powerful reduction catalysts in solid-liquid and liquid-liquid phase transfer systems. <i>Journal of Physical Organic Chemistry</i> , <b>2013</b> , 26, 306-314	2.1	2
218	Spectroscopic studies of amino acid ionic liquid-supported Schiff bases. <i>Molecules</i> , <b>2013</b> , 18, 4986-5004	4.8	28
217	Electrospray ionization mass spectrometry of lanthanide(III) complexes with 2,6-diacetylpyridine bis-4-N-ethylthiosemicarbazone. <i>Inorganic Chemistry Communication</i> , <b>2012</b> , 20, 54-59	3.1	2
216	Template free synthesis of locally-ordered mesoporous titania and its application in dye-sensitized solar cells. <i>Materials Chemistry and Physics</i> , <b>2012</b> , 134, 170-176	4.4	8

215	Vibrational spectra, structure and antioxidant activity of gossypol imine derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2012</b> , 86, 328-35	4.4	10
214	Immobilization of quaternary ammonium salts on silica gel for perchlorate ions removal. <i>Open Chemistry</i> , <b>2012</b> , 10, 1452-1458	1.6	
213	Synthesis of new dendritic antenna-like polypyridine ligands. <i>Chemical Papers</i> , <b>2012</b> , 66,	1.9	25
212	Functionalization of gold-coated carbon nanotubes with self-assembled monolayers of thiolates. <i>Journal of Materials Science</i> , <b>2012</b> , 47, 3463-3467	4.3	6
211	A novel method for simultaneous readout of static bending and multimode resonance-frequency of microcantilever-based biochemical sensors. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 170, 172-175	8.5	6
210	Pyridylmethylsilanes as dicarboxylic acid receptors: Experimental and theoretical study. <i>Journal of Molecular Structure</i> , <b>2012</b> , 1027, 116-123	3.4	1
209	Wpływ melatoniny na procesy antyoksydacyjne u noworodków z sepsą. Wyniki wstępne. <i>Pediatrics Polska</i> , <b>2012</b> , 87, 262-267	0.1	
208	X-Ray Reflectometry Study of Self-Assembled Ionic Nanolayers. <i>Journal of Nanomaterials</i> , <b>2012</b> , 2012, 1-5	3.2	1
207	Increase in efficiency of dye-sensitized solar cells by porous TiO <sub>2</sub> layer modification with gadolinium-containing thin layer. <i>Journal of Rare Earths</i> , <b>2011</b> , 29, 783-786	3.7	18
206	The bifunctionality of silica gel modified with Congo red. <i>Open Chemistry</i> , <b>2011</b> , 9, 41-46	1.6	2
205	Thiol-functionalized anthraquinones: mass spectrometry and electrochemical studies. <i>Monatshefte für Chemie</i> , <b>2011</b> , 142, 1121-1129	1.4	7
204	New polymeric metal ion scavengers with polyamine podand moieties. <i>Reactive and Functional Polymers</i> , <b>2011</b> , 71, 463-479	4.6	12
203	Multicomponent ionic complexes studied by matrix-assisted laser desorption/ionization and electrospray ionization mass spectrometry methods. <i>Rapid Communications in Mass Spectrometry</i> , <b>2011</b> , 25, 2250-7	2.2	
202	3-Triphenylphosphonio-2,5-piperazinediones as new chiral glycine cation equivalents. <i>Tetrahedron: Asymmetry</i> , <b>2011</b> , 22, 823-833		4
201	Structure and lithium transport phenomena in a new tripodand-grafted polysiloxane. <i>Polimery</i> , <b>2011</b> , 56, 294-301	3.4	4
200	The effect of stereochemistry on sodium ion complexation in nucleoside-metallacarborane conjugates. <i>Bioinorganic Chemistry and Applications</i> , <b>2010</b> , 196064	4.2	3
199	Adsorption of metal ions on magnetic carbon nanomaterials bearing chitosan-functionalized silica. <i>International Journal of Materials Research</i> , <b>2010</b> , 101, 1543-1547	0.5	6
198	Thio Analogues of Pyrimidine Bases: Syntheses and Spectral Study of New Potentially Biologically Active 2,4-Di-Ortho-(Meta- and Para-)Bromo- (Chloro and Nitro)-Benzylthio-5-Bromouracils (and 6-Methyluracils). <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2010</b> , 185, 1429-1436	1	5



197	Synthesis of silica chemically bonded with poly(ethylene oxide) 4-arm, amine-terminated for copper cation removal. <i>Water Environment Research</i> , <b>2010</b> , 82, 2387-92	2.8	5
196	Silica surface modified by aliphatic amines as effective copper complexing agents. <i>International Journal of Materials Research</i> , <b>2010</b> , 101, 1037-1041	0.5	3
195	Electron ionization-induced mass spectral study of 5-methylenecarboxy (5-methylenecarbonylalkoxy)-2-thio-(2-alkoxycarbonylalkylthio)uracils and 3-oxothiazolo-[3,2-a]-pyrimidin-6-methylenecarbonylalkoxy-5-ones. <i>European Journal of Mass Spectrometry</i> , <b>2010</b> , 16, 187-98	1.1	0
194	Unexpected formation of complexes between protonated organic ligand and neutral salt molecule studied by electrospray ionization mass spectrometry. <i>European Journal of Mass Spectrometry</i> , <b>2010</b> , 16, 577-85	1.1	1
193	Self-assembly of quaterpyridine ligands and Cu <sup>+</sup> cation into helical complexes of 2:2 stoichiometry under electrospray ionisation conditions. <i>European Journal of Mass Spectrometry</i> , <b>2010</b> , 16, 163-8	1.1	13
192	Study of reaction of gossypol and its imino derivatives with 2,2-diphenyl-1-picrylhydrazyl. <i>Russian Journal of General Chemistry</i> , <b>2010</b> , 80, 301-307	0.7	1
191	Copper removal by carbon nanomaterials bearing cyclam-functionalized silica. <i>Open Chemistry</i> , <b>2010</b> , 8, 341-346	1.6	5
190	Structure and atropisomerisation of new diastereomeric gossypol Schiff bases with (R)-(+)-2-amino-3-benzyloxy-1-propanol studied by NMR, ECD and DFT methods. <i>Tetrahedron: Asymmetry</i> , <b>2010</b> , 21, 973-981		5
189	Enhanced graphite passivation in Li-ion battery electrolytes containing disiloxane-type additive/co-solvent. <i>Journal of Solid State Electrochemistry</i> , <b>2010</b> , 14, 2213-2218	2.6	8
188	ESIMS study of copper chloride/phase-transfer catalytic systems for oxidation of cumene with 1-methyl-1-phenylethyl hydroperoxide. <i>Monatshefte für Chemie</i> , <b>2010</b> , 141, 143-147	1.4	2
187	Preparation and characterization of magnetic carbon nanomaterials bearing APTSi on their surface. <i>Journal of Materials Science</i> , <b>2010</b> , 45, 1100-1106	4.3	10
186	The diffusion NMR studies of crown ethers-cyclodextrin complexation process. <i>Magnetic Resonance in Chemistry</i> , <b>2010</b> , 48, 471-5	2.1	1
185	A novel method for simultaneous readout of static bending and multimode resonance-frequency of microcantilever-based biochemical sensors. <i>Procedia Engineering</i> , <b>2010</b> , 5, 910-913		6
184	Investigation of aminotrimethoxysilanes and organic acids functionalized surface interactions. <i>Surface Science</i> , <b>2010</b> , 604, 1121-1126	1.8	2
183	Potentiometric and AM1d studies of a new class of Tr-podandsilver(I) complexes. <i>Supramolecular Chemistry</i> , <b>2009</b> , 21, 218-222	1.8	7
182	FT-IR, semi-empirical and electrochemical studies of lasalocid ester with 2, 2'-dithiodiethanol adsorbed on silver surface. <i>Supramolecular Chemistry</i> , <b>2009</b> , 21, 202-206	1.8	2
181	Mass spectrometric study of amino acidtriethylborane chelates. <i>Monatshefte für Chemie</i> , <b>2009</b> , 140, 359-364	1.4	0
180	Hydrogen bonds in phenylboronic acids with polyoxaalkyl substituents at ortho-position. <i>Journal of Molecular Structure</i> , <b>2009</b> , 920, 430-435	3.4	19

179	Anion- $\pi$ interactions-interactions between benzo-crown ether metal cation complexes and counter ions. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2009</b> , 20, 257-62	3.5	21
178	Synthesis of supramolecular cyclosiloxane ligands. <i>Mendeleev Communications</i> , <b>2009</b> , 19, 75-77	1.9	4
177	Inorganic magnetic support for sodium cation scavenging. <i>Thin Solid Films</i> , <b>2009</b> , 517, 6076-6080	2.2	7
176	Antifungal activity of alkyl and heterocyclic aza-derivatives of gossypol as well as their complexes with NaClO <sub>4</sub> against <i>Fusarium oxysporum</i> f. sp. lupini. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2009</b> , 19, 1996-2000	2.9	15
175	Structural features of the adenosine conjugate in means of vibrational spectroscopy and DFT. <i>Biophysical Chemistry</i> , <b>2009</b> , 142, 17-26	3.5	9
174	Modified silica surface by phenylboronic acid derivatives as effective sugar sensor. <i>Open Chemistry</i> , <b>2009</b> , 7, 697-701	1.6	2
173	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> , <b>2008</b> , 112, 8061-9	2.8	15
172	New type of repeated Si $\pi$ -podand catalysts for solid-liquid phase transfer reactions. <i>Catalysis Communications</i> , <b>2008</b> , 9, 821-825	3.2	9
171	1,3,4-oxadiazoles: evaluation of aromaticity and atomic charge distribution. <i>Molecular Physics</i> , <b>2008</b> , 106, 1823-1833	1.7	3
170	Structure and electrochemical reactivity of new sulphur-silicon podands adsorbed on silver or gold surfaces. <i>Journal of Materials Science</i> , <b>2008</b> , 43, 3459-3465	4.3	4
169	Do hydrophobic interactions exist in the gas phase?. <i>Rapid Communications in Mass Spectrometry</i> , <b>2008</b> , 22, 1339-43	2.2	8
168	New non-hydrolysing poly(oxyethylene) silicon compounds as ligands for phase-transfer catalysis. <i>Mendeleev Communications</i> , <b>2008</b> , 18, 78-79	1.9	4
167	Synthesis, structure and application of a new class of Tr-podands derived in phase-transfer catalysis. <i>Journal of Molecular Catalysis A</i> , <b>2008</b> , 287, 165-170		6
166	Chemically modified silica surface as effective sodium cation scavenger. <i>Sensors and Actuators B: Chemical</i> , <b>2008</b> , 134, 672-679	8.5	4
165	Synthesis, physicochemical properties and antimicrobial evaluation of new (E)-chalcones. <i>European Journal of Medicinal Chemistry</i> , <b>2008</b> , 43, 707-13	6.8	81
164	Polyether-functionalized disiloxanes as new film-forming electrolyte additive for Li-ion cells with graphitic anodes. <i>Electrochemistry Communications</i> , <b>2008</b> , 10, 1676-1679	5.1	16
163	1,4-Phenylene-di(N-l-alanylaminomethylphosphonate) a new diamino phosphonate peptide receptor for lysine and arginine. <i>Journal of Molecular Structure</i> , <b>2008</b> , 873, 173-180	3.4	10
162	Tetra-2-methoxyethyl phenylene-1,4-di(benzyloaminomethanephosphonate) a new ligand for metal ions and amino acids. Electrospray ionization mass spectrometric and NMR studies. <i>Journal of Molecular Structure</i> , <b>2008</b> , 875, 130-134	3.4	3

161	Equilibrium of acyl transfer between pyridine N-oxides and their acylonium salts. <i>Russian Journal of General Chemistry</i> , <b>2008</b> , 78, 1241-1246	0.7	1
160	Impact of selected supramolecular additives on the initial electrochemical lithium intercalation into graphite in propylene carbonate. <i>Open Chemistry</i> , <b>2008</b> , 6, 600-606	1.6	3
159	Two phosphorous atoms of tetraethyl 2-methyl-piperid-1-ylmethylenebisphosphonates. <i>Heteroatom Chemistry</i> , <b>2007</b> , 18, 774-781	1.2	4
158	Molecular Dynamics of Podand Studied by Broadband Dielectric and Nuclear Magnetic Resonance Spectroscopies. <i>Macromolecular Chemistry and Physics</i> , <b>2007</b> , 208, 2121-2127	2.6	2
157	Complexes between some lysine-containing peptides and crown ethers—electrospray ionization mass spectrometric study. <i>Journal of Mass Spectrometry</i> , <b>2007</b> , 42, 459-66	2.2	7
156	New lithium ion conducting polymer electrolytes based on polysiloxane grafted with Si-tripodand centers. <i>Electrochemistry Communications</i> , <b>2007</b> , 9, 1558-1562	5.1	29
155	Formation of stoichiometric complexes between dibenzo-30-crown-10 and guanidinium moiety containing compounds. <i>International Journal of Mass Spectrometry</i> , <b>2007</b> , 266, 180-184	1.9	9
154	Spectroscopic and PM5 semiempirical studies of the proton accepting properties of 1,8-bis(tetramethylguanidino)naphthalene. <i>Journal of Molecular Structure</i> , <b>2007</b> , 844-845, 157-165	3.4	3
153	Investigation of complex structures of a new 2-hydroxyethyl ester of Monensin A with Mg <sup>2+</sup> , Ca <sup>2+</sup> , Sr <sup>2+</sup> , Ba <sup>2+</sup> cations using electrospray ionization mass spectrometry and semiempirical PM5 methods. <i>Journal of Molecular Structure</i> , <b>2007</b> , 829, 111-119	3.4	20
152	<sup>1</sup> H, <sup>13</sup> C NMR, FT-IR, ESI-MS and PM5 semiempirical study of new lasalocid ester with 3-(methylthio)-1-propanol and its complexes with monovalent cations. <i>Journal of Molecular Structure</i> , <b>2007</b> , 829, 120-127	3.4	3
151	B-podand complexes with sodium ions: the reaction heats and PM5 semiempirical calculation. <i>Journal of Molecular Structure</i> , <b>2007</b> , 840, 1-5	3.4	3
150	Substituent effect on molecular structure of the triazolium ring: Geometrical analysis, atomic charges, aromaticity and vibrational spectra. <i>Vibrational Spectroscopy</i> , <b>2007</b> , 44, 19-29	2.1	4
149	Electrospray ionization mass spectrometric study of mercury complexes of N-heterocyclic carbenes derived from 1,2,4-triazolium salt precursors. <i>Open Chemistry</i> , <b>2007</b> , 5, 316-329	1.6	2
148	Polyether-functionalised uridine as an ion receptor. <i>Mendeleev Communications</i> , <b>2007</b> , 17, 22-24	1.9	1
147	Application of a new class B-podands in solid-liquid phase transfer catalysis. <i>Journal of Molecular Catalysis A</i> , <b>2007</b> , 269, 141-148		12
146	SYNTHESIS AND ESI-MS STUDY OF NEW N-FUNCTIONALIZED MACROCYCLIC POLYAMINE AND AZACROWN ETHER DERIVATIVES. <i>Organic Preparations and Procedures International</i> , <b>2007</b> , 39, 76-80	1.1	0
145	The risk scale estimation of the agricultural environment pollution by heavy metals using the sequential extraction method. <i>Polish Journal of Chemical Technology</i> , <b>2007</b> , 9, 151-154	1	
144	Structure and electrochemical reactivity of 3-[tris(2-methoxyethoxy)silyl]-propanethiol adsorbed on silver surface. <i>Thin Solid Films</i> , <b>2006</b> , 515, 152-157	2.2	3

143	FT-IR and FT-Raman spectroscopies and DFT modelling of benzimidazolium salts. <i>Chemical Physics</i> , <b>2006</b> , 327, 439-451	2.3	33
142	<sup>1</sup> H NMR and spectrophotometric study of alkaline metal ion complexes with N-dansyl aza-18-crown-6. <i>Open Chemistry</i> , <b>2006</b> , 4, 13-28	1.6	3
141	<sup>1</sup> H- and <sup>13</sup> 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> , <b>2006</b> , 82, 521-35	2.2	23
140	Fragmentation and skeletal rearrangements of 2-arylamino-5-aryl-1,3,4-oxadiazoles and their noncovalent complexes with cobalt cation and cyclodextrin studied by mass spectrometry. <i>Journal of Mass Spectrometry</i> , <b>2006</b> , 41, 312-22	2.2	4
139	Vinyl tris-2-methoxyethoxy silane – a new class of film-forming electrolyte components for Li-ion cells with graphite anodes. <i>Electrochemistry Communications</i> , <b>2006</b> , 8, 523-527	5.1	37
138	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> , <b>2006</b> , 8, 1583-1587	5.1	19
137	Mass spectrometric and PM5 study of some piperidine-N-methyldiphosphonic acids and their complexes with alkali cations. <i>Journal of Molecular Structure</i> , <b>2006</b> , 782, 183-190	3.4	3
136	Potentiometric, ESI MS and AM1d studies of lasalocid esters–silver(I) complexes. <i>Journal of Molecular Structure</i> , <b>2006</b> , 782, 73-80	3.4	12
135	Biological activity and ESI MS study of oxalkyl and hydroksyoalkyl lasalocid esters. <i>Journal of Molecular Structure</i> , <b>2006</b> , 783, 136-144	3.4	11
134	Potentiometric and AM1d studies of silicon and boron podands–silver (I) complexes. <i>Journal of Molecular Structure</i> , <b>2006</b> , 788, 184-189	3.4	9
133	Spectroscopic and PM5 semiempirical study of a new lasalocid ester with 2-allyloxyethanol and its complexes with monovalent cations. <i>Journal of Molecular Structure</i> , <b>2006</b> , 789, 1-7	3.4	5
132	Kinetics and mechanism of the reaction between 2,3,4,5,6-pentafluorophenylacetonitrile and guanidine-like bases and the structure of the products. <i>Journal of Molecular Structure</i> , <b>2006</b> , 794, 230-236	3.4	3
131	Structure and electrochemical behaviour of 4,7-diazaheptyl-trimethoxy-silane and vinyl-trialkoxo-silane adsorbed at silver surface. <i>Journal of Molecular Structure</i> , <b>2006</b> , 800, 140-145	3.4	6
130	The effect of pendant-arm modification and ring size on the dynamics of cyclic polyamines. <i>Journal of Molecular Structure</i> , <b>2006</b> , 792-793, 274-279	3.4	2
129	Polyoxaalkyl esters of phenylboronic acids as new podands. <i>Journal of Molecular Structure</i> , <b>2006</b> , 791, 111-116	3.4	8
128	Theoretical and experimental studies on selected 1,3-diazolium salts. <i>Vibrational Spectroscopy</i> , <b>2006</b> , 42, 317-324	2.1	6
127	A new type of B-podand catalysts for solid–liquid phase transfer reactions. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 5673-5676	2	17
126	Bifunctional sulfur-silicon podands as new nucleophilic ionophores in acyl transfer reactions. Influence of monovalent cations on the reaction kinetics. <i>Open Chemistry</i> , <b>2006</b> , 4,	1.6	1

125	Catalytic activity and anion activation in SN2 reactions promoted by complexes of silicon polypodands. Comparison with traditional polyethers. <i>New Journal of Chemistry</i> , <b>2005</b> , 29, 1195	3.6	16
124	The reaction heats and PM5 semiempirical studies of complexes formed between silicon podand and monovalent cations. <i>Journal of Molecular Structure</i> , <b>2005</b> , 733, 231-237	3.4	9
123	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> , <b>2005</b> , 733, 217-229	3.4	16
122	Mass spectrometric and PM5 study of N-(2-pyridyl)-aminomethyldiphosphonic acids and their complexes with alkali cations. <i>Journal of Molecular Structure</i> , <b>2005</b> , 750, 142-151	3.4	1
121	Fragmentation and skeletal rearrangements of products of the reaction between fluorobenzenes and bicyclic N-bases studied by electron ionization mass spectrometry. <i>International Journal of Mass Spectrometry</i> , <b>2005</b> , 240, 7-15	1.9	1
120	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> , <b>2005</b> , 733, 155-165	3.4	18
119	ESI MS, NMR and PM5 semiempirical studies of oligomycin A and its complexes with Li <sup>+</sup> and Na <sup>+</sup> cations. <i>Journal of Molecular Structure</i> , <b>2005</b> , 738, 261-270	3.4	11
118	Potentiometric and AM1d studies of silicon podands-silver(I) complexes. <i>Journal of Molecular Structure</i> , <b>2005</b> , 738, 227-231	3.4	11
117	The reaction heats and PM5 semiempirical studies of complexes formed between silicon podand and Li <sup>+</sup> cations. <i>Journal of Molecular Structure</i> , <b>2005</b> , 741, 11-17	3.4	8
116	Potentiometric and AM1d studies of silicon and phosphorous podands-silver (I) complexes. <i>Journal of Molecular Structure</i> , <b>2005</b> , 749, 122-127	3.4	11
115	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> , <b>2005</b> , 749, 128-137	3.4	21
114	Mass spectrometric decompositions of cationized beta-cyclodextrin. <i>Carbohydrate Research</i> , <b>2005</b> , 340, 1567-72	2.9	12
113	Rate and Equilibrium Constants of Benzoyl Group Transfer between Pyridine N-Oxides. <i>Russian Journal of Organic Chemistry</i> , <b>2005</b> , 41, 774-778	0.7	1
112	Electrospray ionization mass spectrometric study of purine base-cisplatin complexes. <i>Rapid Communications in Mass Spectrometry</i> , <b>2005</b> , 19, 970-4	2.2	13
111	Energy-resolved in-source collisionally induced dissociation for the evaluation of the relative stability of noncovalent complexes in the gas phase. <i>Rapid Communications in Mass Spectrometry</i> , <b>2005</b> , 19, 3517-22	2.2	4
110	Reaction of Acetyl and Benzoyl Chlorides with Pyridines and Pyridine N-Oxides. <i>Russian Journal of Organic Chemistry</i> , <b>2004</b> , 40, 412-416	0.7	3
109	Mass spectrometric fragmentation pathways of isotope labeled 2,5-disubstituted-1,3,4-oxadiazoles and thiadiazoles. <i>International Journal of Mass Spectrometry</i> , <b>2004</b> , 231, 47-49	1.9	10
108	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> , <b>2004</b> , 73, 470-83	2.2	22

107	Influence of mobile phase composition on the high-performance liquid chromatographic/electrospray ionization mass spectrometric analysis of 11-nor-9-carboxy-delta9-tetrahydrocannabinol (THC-COOH) and its glucuronide in urine. <i>Journal of Mass Spectrometry</i> , <b>2004</b> , 39, 458-60	2.2	6
106	Lasalocid polyoxaalkyl esters complexes with Li <sup>+</sup> , Na <sup>+</sup> , K <sup>+</sup> , Rb <sup>+</sup> and Cs <sup>+</sup> cations studied by ESI MS and semiempirical methods. <i>Journal of Molecular Structure</i> , <b>2004</b> , 688, 171-176	3-4	17
105	Multinuclear NMR, FT-IR, ESI MS studies and PM5 semiempirical calculations of new ethylene glycol ester of lasalocid acid and their complexes with K <sup>+</sup> cation. <i>Journal of Molecular Structure</i> , <b>2004</b> , 694, 55-61	3-4	18
104	ESI MS and PM5 semiempirical studies of gossypol schiff base with (R)-tetrahydrofurfurylamine complexes and monovalent cations. <i>Journal of Molecular Structure</i> , <b>2004</b> , 693, 95-102	3-4	18
103	NMR, FT-IR, ESI MS studies and PM5 semiempirical calculations of lasalocid ethylene glycol ester complexes with Li <sup>+</sup> and Na <sup>+</sup> cations. <i>Journal of Molecular Structure</i> , <b>2004</b> , 694, 155-163	3-4	17
102	Spectroscopic and PM5 semiempirical study of new lasalocid 5-hydroxypentyl ester and its complexes with monovalent cations. <i>Journal of Molecular Structure</i> , <b>2004</b> , 699, 53-64	3-4	19
101	Silicon polyodands: a new class of efficient solidliquid phase-transfer catalysts. <i>Tetrahedron</i> , <b>2004</b> , 60, 10111-10115	2.4	25
100	The complexes of some s-triazine herbicides with metal cations studied by ESI mass spectrometry and theoretical calculations. <i>Journal of Molecular Structure</i> , <b>2004</b> , 690, 45-51	3-4	9
99	Generation and stability of N-phenacyl-4-R-pyridinium ylides in silicon polyodands. <i>Journal of Molecular Structure</i> , <b>2004</b> , 700, 169-173	3-4	4
98	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> , <b>2004</b> , 708, 87-95	3-4	14
97	The Schiff base of gossypol with 2-(aminomethyl)-18-crown-6 complexes and H <sup>+</sup> , Li <sup>+</sup> , Na <sup>+</sup> , K <sup>+</sup> , Rb <sup>+</sup> , Cs <sup>+</sup> cations studied by ESI MS, <sup>1</sup> H NMR, FT-IR and PM5 semiempirical methods. <i>Journal of Molecular Structure</i> , <b>2004</b> , 699, 65-77	3-4	23
96	Studies of Silicon Podand Solvents. <i>Supramolecular Chemistry</i> , <b>2004</b> , 16, 303-310	1.8	17
95	The abundances of fragment ions formed via skeletal rearrangements from 2,5-disubstituted-1,3,4-oxadiazoles and their theoretical calculated stabilities. <i>European Journal of Mass Spectrometry</i> , <b>2004</b> , 10, 495-500	1.1	3
94	Rate and Equilibrium Constants of Dimethylcarbamoyl Transfer between Pyridine N-Oxides. <i>Russian Journal of General Chemistry</i> , <b>2003</b> , 73, 455-462	0.7	8
93	Effect of the Structure of the Acyl Group on the Kinetics of Exchange between O-Nucleophiles. <i>Theoretical and Experimental Chemistry</i> , <b>2003</b> , 39, 359-363	1.3	1
92	Conductivity and interfacial behaviour of bis-1,4-dioxapentyl sulfate (IV) and 1,4,7-trioxaocetyl sulfate (IV) based electrolyte for lithium batteries. <i>Journal of Solid State Electrochemistry</i> , <b>2003</b> , 7, 539-544	2.6	17
91	Unusual loss of neutral molecules on mass spectrometric decomposition of protonated and cationized phenoxy--and phenylaminocyclophosphazenes. <i>Journal of Mass Spectrometry</i> , <b>2003</b> , 38, 582-3	2.2	1
90	Characterization of 2-aryl-1,3,4-oxadiazoles by <sup>15</sup> N and <sup>13</sup> C NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , <b>2003</b> , 41, 689-692	2.1	13

89	Silicon polyodands: powerful metal cation complexing agents and solid-liquid phase-transfer catalysts of new generation. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 4149-4151	2	30
88	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> , <b>2003</b> , 654, 245-252	3-4	23
87	Reactions of fluoronitrobenzenes with MTBD strong base in acetonitrile in the presence of water molecules. <i>Journal of Molecular Structure</i> , <b>2003</b> , 655, 259-267	3-4	4
86	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> , <b>2003</b> , 658, 193-205	3-4	21
85	Complexes of Schiff base of gossypol with 5-hydroxy-3-oxapentylamine and Ca <sup>2+</sup> , Ba <sup>2+</sup> or Pb <sup>2+</sup> cations studied by NMR, FT-IR, ESI MS as well as PM5 semiempirical methods. <i>Journal of Molecular Structure</i> , <b>2003</b> , 658, 115-124	3-4	26
84	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> , <b>2003</b> , 14, 289-94	3-5	9
83	Electrospray ionization and liquid secondary ion mass spectrometric study of N-heterocyclic carbenes and their 1,2,4-triazolium salt precursors. <i>International Journal of Mass Spectrometry</i> , <b>2003</b> , 228, 61-68	1-9	6
82	<sup>1</sup> 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 <sup>2+</sup> , Pb <sup>2+</sup> and Ba <sup>2+</sup> cations. <i>Journal of Physical Organic Chemistry</i> , <b>2003</b> , 16, 289-297	2-1	33
81	Reaction of some strong N-bases with chloropentafluorobenzene in the presence of water molecules. <i>Journal of Organic Chemistry</i> , <b>2003</b> , 68, 3139-44	4-2	20
80	Multinuclear NMR and FTIR studies of new polyoxaalkyl esters of lasalocid and their complexes with lithium and sodium cations. <i>Biopolymers</i> , <b>2002</b> , 65, 95-110	2-2	20
79	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> , <b>2002</b> , 16, 390-5	2-2	14
78	FTIR and NMR studies of bis(oxaalkyl) sulphates(IV) and their complexes with proton and some metal cations. <i>Journal of Molecular Structure</i> , <b>2002</b> , 607, 9-17	3-4	10
77	Studies of lithium and sodium complexation by silicon podand solvents. <i>Journal of Molecular Structure</i> , <b>2002</b> , 607, 77-86	3-4	11
76	Studies of reaction heats and structure of complexes formed between strong N-bases and phenols. <i>Journal of Molecular Structure</i> , <b>2002</b> , 610, 81-84	3-4	8
75	Kinetic studies of complexation reaction of polyoxaalkyl phosphates with Fe(III) in ethanol. <i>Journal of Molecular Structure</i> , <b>2002</b> , 643, 9-19	3-4	6
74	Studies on the complex formation between lactams and thiolactams of sparteine with copper(II) cation. <i>Journal of Molecular Structure</i> , <b>2002</b> , 616, 193-199	3-4	8
73	Deprotonation of N-phenacyl- and N-acetonyl-4-cyanopyridinium halides with 1,4-diazabicyclo[2,2,2]octane. <i>Journal of Molecular Structure</i> , <b>2002</b> , 643, 55-68	3-4	12
72	The basicity of 1,8-bis(dimethylamino)naphthalene and the hybrid state of the nitrogen atoms of its dimethylamino groups. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 6043-6045	2	8

71	The Influence of the C-4? Substituent on the Formation of Benzoyl Ions during Electron Ionization-Induced Decomposition of Some 2-Phenyl-1,3,4-Oxadiazoles. <i>European Journal of Mass Spectrometry</i> , <b>2002</b> , 8, 295-298	1.1	1
70	Mass Spectrometric Investigation of Protonated and Cationized Molecules of Oxaalkyl Phosphates. <i>European Journal of Mass Spectrometry</i> , <b>2002</b> , 8, 451-460	1.1	2
69	Podand Solvents for Organic Reactions. <i>Supramolecular Chemistry</i> , <b>2002</b> , 14, 497-502	1.8	12
68	The Schiff base of gossypol with 2-(aminomethyl)-15-crown-5 complexes with monovalent cations studied by MS, <sup>1</sup> H NMR, FT-IR and PM5 semiempirical methods. <i>Physical Chemistry Chemical Physics</i> , <b>2002</b> , 4, 6137-6143	3.6	38
67	Studies of the complex formation between some proton sponges and Cu(II) cations. <i>Journal of Molecular Structure</i> , <b>2001</b> , 597, 93-100	3.4	7
66	Study of the decarboxylation mechanism of fluorobenzoic acids by strong N-bases. <i>Journal of Physical Organic Chemistry</i> , <b>2001</b> , 14, 691-696	2.1	14
65	<sup>7</sup> Li-NMR and FTIR studies of lithium, potassium, rubidium, and cesium complexes with ionophore lasalocid in solution. <i>Biopolymers</i> , <b>2001</b> , 62, 173-82	2.2	10
64	Kinetic studies of pepsin active site model compound and porcine pepsin. <i>Journal of Physical Organic Chemistry</i> , <b>2001</b> , 14, 103-108	2.1	2
63	Rate and Equilibrium Constants for Reactions Transferring a Dimethylcarbamoyl Group between Pyridines. <i>Theoretical and Experimental Chemistry</i> , <b>2001</b> , 37, 230-235	1.3	
62	Concept of Superbasicity of 1,8-Bis(dialkylamino)naphthalenes (Proton Sponges). <i>Russian Journal of Organic Chemistry</i> , <b>2001</b> , 37, 1603-1610	0.7	6
61	Acetyl Exchange between Pyridine N-Oxides in Acetonitrile Solutions: An Attempt to Apply the Marcus Equation to Acetyl Transfer. <i>Russian Journal of General Chemistry</i> , <b>2001</b> , 71, 1608-1615	0.7	1
60	Kinetics of the Protonation of Macrocyclic Amines in the Presence of Monovalent Cations in Aqueous Solution. <i>Supramolecular Chemistry</i> , <b>2001</b> , 13, 627-635	1.8	3
59	3-Polyfluoroacetylmethylenephthalides: Synthesis and Structure. <i>Australian Journal of Chemistry</i> , <b>2001</b> , 54, 335	1.2	7
58	Functional crown ethers with chlorocyclophosphazene sub-units as anion activators and promoters of highly regioselective reactions. <i>New Journal of Chemistry</i> , <b>2001</b> , 25, 1078-1083	3.6	7
57	<sup>15</sup> N NMR and FTIR studies of 2,4-dinitroanilines and their salts. <i>Journal of Molecular Structure</i> , <b>2000</b> , 524, 217-225	3.4	7
56	NHN <sup>+</sup> intramolecular hydrogen bonds: heat of formation and parameters of some proton sponges. <i>Journal of Molecular Structure</i> , <b>2000</b> , 525, 247-251	3.4	4
55	Studies of reaction heats and structures of complexes formed between macro compounds and SbCl <sub>5</sub> in CCl <sub>4</sub> . <i>Journal of Molecular Structure</i> , <b>2000</b> , 526, 159-163	3.4	5
54	Experimental and quantum chemical evidences for C≡N hydrogen bonds involving quaternary pyridinium salts and pyridinium ylides. <i>Journal of Molecular Structure</i> , <b>2000</b> , 555, 31-42	3.4	15



53	Study of 1,5,7-triazabicyclo[4,4,0]dec-5-ene protonation by vibrational spectroscopic methods. <i>Journal of Molecular Structure</i> , <b>2000</b> , 516, 123-130	3.4	13
52	<sup>23</sup> Na NMR and FT-IR studies of sodium complexes with the ionophore lasalocid in solution. <i>Journal of Molecular Structure</i> , <b>2000</b> , 516, 91-98	3.4	12
51	NMR study of the complexes of tris(oxaalkyl) borates with SbCl <sub>5</sub> . <i>Journal of Molecular Structure</i> , <b>2000</b> , 516, 153-156	3.4	10
50	FT-IR and NMR study of tris(oxaalkyl) borates and their complexes with HAuCl <sub>4</sub> . <i>Journal of Molecular Structure</i> , <b>2000</b> , 519, 119-123	3.4	13
49	Rate and Equilibrium of Acetyl Group Exchange between Pyridines and Pyridine N-Oxides. <i>Theoretical and Experimental Chemistry</i> , <b>2000</b> , 36, 334-337	1.3	1
48	Hydrogen Bonds and Hydrogen-Bonded Chains in Complexes of 3-(Hydroxymethyl)-2,2'-biphenol with N-Bases. FTIR and <sup>1</sup> H NMR Studies. <i>Journal of Physical Chemistry A</i> , <b>2000</b> , 104, 7469-7472	2.8	25
47	Kinetics and mechanism of the dehydrohalogenation of Ar <sub>2</sub> CHCX <sub>3</sub> and Ar <sub>2</sub> CHCHX <sub>2</sub> by strong N-bases. <i>Journal of Molecular Structure</i> , <b>1999</b> , 476, 173-179	3.4	5
46	Reaction of fluoronitrobenzenes with tetramethylguanidine in acetonitrile. <i>Journal of Molecular Structure</i> , <b>1999</b> , 478, 243-253	3.4	8
45	Proton transfer reaction from some C≡N acids to N-bases in polar aprotic solvents. <i>Journal of Molecular Structure</i> , <b>1999</b> , 478, 255-266	3.4	9
44	Studies of complexation of metal cations by tris(3,6-dioxaheptyl)amine in solution. <i>Journal of Molecular Structure</i> , <b>1999</b> , 508, 129-138	3.4	20
43	Multinuclear NMR studies of tris(oxaalkyl) borates and their complexes with some metal cations. <i>Journal of Molecular Structure</i> , <b>1999</b> , 513, 149-153	3.4	11
42	Inorganic Esters of Ethylene Glycol as Macrocyclic Ligands. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>1999</b> , 35, 327-334		25
41	Stabilization of Eu(II) Ions by Macrocyclic Compounds in the Oxidation Reaction with Hydrogen Peroxide. <i>Monatshefte Für Chemie</i> , <b>1999</b> , 130, 1311-1318	1.4	2
40	Deprotonation of 1-(carbethoxyalkyl)pyridinium halides with strong N-bases. <i>Journal of Physical Organic Chemistry</i> , <b>1999</b> , 12, 39-46	2.1	12
39	FTIR study of the nature of Na <sup>+</sup> cation motion in gramicidin A. <i>Biospectroscopy</i> , <b>1999</b> , 5, 284-288		5
38	FTIR and multinuclear magnetic resonance studies of tris(oxaalkyl) borates and their complexes with Li <sup>+</sup> and Na <sup>+</sup> cations. <i>Physical Chemistry Chemical Physics</i> , <b>1999</b> , 1, 4897-4901	3.6	25
37	Effect of structure on the kinetics of the nucleophilic substitution of acylonium ions. <i>Theoretical and Experimental Chemistry</i> , <b>1998</b> , 34, 86-92	1.3	
36	H <sup>+</sup> and Li <sup>+</sup> polarizabilities in some lariat ether-cation complexes. An FT-IR study. <i>Journal of Molecular Structure</i> , <b>1998</b> , 441, 83-88	3.4	4

- 35 Proton transfer reactions from some diarylcyanomethanes to cis 1,2-bis(diethylaminomethyl)cyclohexane in acetonitrile. *Journal of Molecular Structure*, **1998**, 442, 153-160 3-4 2
- 34 Studies of intramolecular hydrogen bonds in di-Schiff bases of 2-hydroxy-5-methyl isophthalaldehyde. *Journal of Molecular Structure*, **1998**, 444, 221-225 3-4 5
- 33 Solvent effects for proton transfer reaction from dimethyl(4-nitrophenyl)malonate to cis 1,2-bis(diethylaminomethyl)cyclohexane. *Journal of Molecular Structure*, **1998**, 446, 235-239 3-4 4
- 32 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 25
- 31 Kinetics and Mechanism of Reactions Between Tetranitrodibenzo Crown Ethers and Alkali Metal Hydroxides. *Supramolecular Chemistry*, **1998**, 9, 17-24 1.8 1
- 30 Protonation of Very Strong Bases by Phenols in Non-aqueous Solutions. *Journal of Chemical Research Synopses*, **1997**, 151-151 12
- 29 FTIR and <sup>1</sup>H NMR studies of proton transfer reactions from 'C-acids' to N-bases in acetonitrile. *Journal of Molecular Structure*, **1997**, 406, 99-106 3-4 9
- 28 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 3-4 9
- 27 Proton transfer reactions from N?H acid to proton sponges in acetonitrile. Part 2. *Computational and Theoretical Chemistry*, **1996**, 377, 149-154
- 26 Activity of vanadium catalysts with large iron contents towards oxidation of sulfur dioxide. *Applied Catalysis A: General*, **1996**, 139, 149-159 5.1
- 25 Proton transfer reactions from N?H acid to proton sponges in acetonitrile. part 2. *Journal of Molecular Structure*, **1996**, 377, 149-154 3-4 11
- 24 Proton transfer reactions from dimethyl (4-nitrophenyl)malonate to N-bases in acetonitrile. *Journal of Molecular Structure*, **1996**, 384, 127-133 3-4 14
- 23 Kinetics and mechanism of proton transfer reactions from N?H acid to 1,2-bis(dialkylaminomethyl)benzene in acetonitrile. *Journal of Molecular Structure*, **1995**, 344, 89-94 3-4 12
- 22 Proton transfer reactions from N?H acid to various N-bases in acetonitrile. *Journal of Molecular Structure*, **1995**, 354, 131-139 3-4 9
- 21 H<sup>+</sup>, Li<sup>+</sup>, and Na<sup>+</sup> Polarizabilities in 1:1 Crown Ether Cation Complexes. A FTIR Study. *The Journal of Physical Chemistry*, **1995**, 99, 8519-8523 53
- 20 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 3-4 44
- 19 Kinetic and equilibrium studies of the reaction of 2,4-dinitrophenyl-2,4,6-trinitrophenylmethane with cryptands in acetonitrile. *Journal of Molecular Structure*, **1994**, 318, 107-112 3-4 6
- 18 Proton localization in acidBase molecular systems by nuclear quadrupole resonance spectroscopy. *Journal of Molecular Structure*, **1993**, 297, 169-175 3-4 1

17	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> , <b>1993</b> , 299, 11-20	3.4	11
16	<sup>1</sup> 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> , <b>1992</b> , 2257		17
15	Equilibrium data, visible absorption spectra and <sup>1</sup> H NMR studies for 1,8-Diazabicyclo [5,4,0]undec-7-ene (DBU) and sodium alkoxide addition to 1-x-2,4,6-trinitrobenzenes. <i>Journal Für Praktische Chemie, Chemiker-Zeitung</i> , <b>1992</b> , 334, 183-186		1
14	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> , <b>1992</b> , 274, 83-91	3.4	15
13	Kinetics and deuterium isotope effects of proton transfer reactions of di (4-nitrophenyl) methane with alkoxide bases in appropriate alcohols. <i>Reaction Kinetics and Catalysis Letters</i> , <b>1992</b> , 46, 51-55		0
12	Basicity, IR spectra and protonation of some proton sponges in acetonitrile. <i>Journal of Molecular Structure</i> , <b>1992</b> , 274, 75-82	3.4	33
11	Influence of Alkyl Groups in Substituted Tetramethylguanidines on the Rate Constants and Deuterium Isotope Effect for the E2 Elimination Reaction. <i>Mendeleev Communications</i> , <b>1991</b> , 1, 138	1.9	1
10	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> , <b>1991</b> , 69, 468-473	0.9	10
9	Kinetics, deuterium isotope effect and mechanism of the reaction of 1,1,1-trifluoro-2,2-bis(4-nitrophenyl)ethane with 1,1,3,3-tetramethylguanidine in aprotic solvents. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1991</b> , 665		2
8	Spectroscopic and kinetic studies of the aldehyde↔ol tautomerization of gossypol in solution. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1991</b> , 1359-1362		17
7	Kinetics and isotope effects of the Dehydrochlorination of 1,1,1-trichloro-2,2-bis-(4-nitrophenyl)ethane with 1,5-diazabicyclo-[4.3.0]non-5-ene in aprotic solvents. <i>Journal Für Praktische Chemie</i> , <b>1990</b> , 332, 269-272		2
6	Kinetics and isotope effects of the Dehydrochlorination of 1,1-dichloro-2,2-bis-(4-nitrophenyl) ethane with 1,5-diazabicyclo [4.3.0] non-5-ene in aprotic solvents. <i>Journal Für Praktische Chemie</i> , <b>1989</b> , 331, 964-970		4
5	Studies of intramolecular electronic effects in chloroacetophenones C <sub>6</sub> H <sub>5</sub> COCH <sub>3</sub> -n Cl <sub>n</sub> and p-ClC <sub>6</sub> H <sub>4</sub> COCH <sub>3</sub> -n Cl <sub>n</sub> by <sup>35</sup> Cl NQR. <i>Magnetic Resonance in Chemistry</i> , <b>1987</b> , 25, 565-568	2.1	3
4	Isotope effects and activation parameters for the proton transfer reaction from 1-(4-nitrophenyl)-1-nitroethane to free anions and ion pairs of cesium n-propoxide in n-propanol solvent. <i>Canadian Journal of Chemistry</i> , <b>1986</b> , 64, 1021-1025	0.9	4
3	Kinetics, isotope effects, and mechanism of the reaction of 1,1,1-trifluoro-2,2-bis-(4-nitrophenyl)ethane with piperidine and pyrrolidine bases in dipolar aprotic solvents. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1986</b> , 55		2
2	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. <i>Canadian Journal of Chemistry</i> , <b>1985</b> , 63, 576-580	0.9	7
1	<sup>35</sup> Cl NQR Spectra of several 2,2-bis- p-chlorophenyl chloroethane derivatives. <i>Journal of Molecular Structure</i> , <b>1982</b> , 83, 265-268	3.4	3