Marina Kosevich

List of Publications by Year
in descending order

58	768	623188	552369
papers	citations	14 h-index	26 g-index

60	60	60	859
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low-temperature secondary emission mass spectrometric investigations of a condensed-phase environment of biologically significant compounds. Low Temperature Physics, 2021, 47, 335-346.	0.2	1
2	UVâ€“Vis spectroscopy and desorption/ionization mass spectrometry as the tools for investigation of adsorbed dye photodegradation. Research on Chemical Intermediates, 2019, 45, 4163-4177.	1.3	3
3	ÐÐ°rÐ°dÐ¾Ñ…ical SÐµÑÐ¾ndÐ°rÑƒ EmissiÐ¾n MÐ°ss SÑ€ÐµÑtrum Ð¾f thÐµ LÐµuÑÐ¾ FÐ¾rm Ð¾f MÐµthÑƒlÐµnÐµ BluÐµ. 1327-1333.	0.4	0
4	Mass Spectrometric Detection of Charged Silver Nanoclusters with Hydrogen Inclusions Formed by the Reduction of AgNO3 in Ethylene Glycol. Journal of Analytical Chemistry, 2017, 72, 1289-1294.	0.4	5
5	The effect of protonation of cytosine and adenine on their interactions with carbon nanotubes. Journal of Molecular Graphics and Modelling, 2016, 70, 77-84.	1.3	10
6	Liquid Crystal Ordering and Nanostructuring in Model Lipid Membranes. , 2016, , 179-208.		0
7	A mass spectrometric study and computer modeling of noncovalent interactions of cytosine with polyethylene glycol oligomers. Journal of Analytical Chemistry, 2015, 70, 1533-1541.	0.4	2
8	Variable Electrospray Ionization and Matrix-Assisted Laser Desorption/ Ionization Mass Spectra of the Bisquaternary Ammonium Salt Ethonium. Mass Spectrometry & Purification Techniques, 2015, 01, .	0.2	1
9	Variable Electrospray Ionization and Matrix-Assisted Laser Desorption/ Ionization Mass Spectra of the Bisquaternary Ammonium Salt Ethonium. Mass Spectrometry & Purification Techniques, 2015, 01, .	0.2	0
10	Monomer/dimer dependent modulation of reduction of the cationic dye methylene blue in negatively charged nanolayers as revealed by mass spectrometry. RSC Advances, 2014, 4, 60260-60269.	1.7	3
11	Probing of the combined effect of bisquaternary ammonium antimicrobial agents and acetylsalicylic acid on model phospholipid membranes: differential scanning calorimetry and mass spectrometry studies. Molecular BioSystems, 2014, 10, 3155-3162.	2.9	10
12	Study of Nanocomposites of Amino Acids and Organic Polyethers by Means of Mass Spectrometry and Molecular Dynamics Simulation. Springer Proceedings in Physics, 2013, , 327-338.	0.1	1
13	Noncovalent Interaction of Methylene Blue with Carbon Nanotubes: Theoretical and Mass Spectrometry Characterization. Journal of Physical Chemistry C, 2012, 116, 20579-20590.	1.5	46
14	Mass-spectrometric study of the formation of silver nanoclusters in polyether media: 2. Fast atom bombardment and modeling. Journal of Analytical Chemistry, 2012, 67, 994-1000.	0.4	2
15	Mass-spectrometric study of the formation of silver nanoclusters in polyethers: I. Laser desorption/ionization. Journal of Analytical Chemistry, 2012, 67, 987-993.	0.4	3
16	Interactions of oligomers of organic polyethers with histidine amino acid. Rapid Communications in Mass Spectrometry, 2012, 26, 532-540.	0.7	7
17	Stable associates of polyether oligomers with chlorine anion as revealed by the data of electrospray mass spectrometry and molecular dynamics. Journal of Analytical Chemistry, 2011, 66, 1341-1347.	0.4	5
18	Observation of poly(ethylene glycol) clusters with the chlorine anion in the gas phase under electrospray conditions. Rapid Communications in Mass Spectrometry, 2011, 25, 713-718.	0.7	11

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19	Lyotropic Mesophase of Hydrated Phospholipids as Model Medium for Studies of Antimicrobial Agents Activity. Molecular Crystals and Liquid Crystals, 2011, 547, 155/[1845]-163/[1853].	0.4	10
20	About the plausible contribution of field ionization in the mechanism of the formation of dyes of ions under conditions of laser desorption/ionization from a nanostructurized graphite surface. Journal of Analytical Chemistry, 2010, 65, 1388-1396.	0.4	4
21	Competition between counterions and active protein sites to bind bisquaternary ammonium groups. A combined mass spectrometry and quantum chemistry model study. European Physical Journal D, 2010, 58, 287-296.	0.6	8
22	Sensitivity of redox reactions of dyes to variations of conditions created in mass spectrometric experiments. Journal of Mass Spectrometry, 2008, 43, 1402-1412.	0.7	15
23	Noncovalent complexes of tetramethylammonium with chlorine anion and 2,5-dihydroxybenzoic acid as models of the interaction of quaternary ammonium biologically active compounds with their molecular targets: A theoretical study. Computational and Theoretical Chemistry, 2007, 815, 55-62.	1.5	12
24	Is there a â€˜matrix suppression effectâ€™ under fast-atom bombardment liquid secondary ion mass spectrometry of ionic surfactants in glycerol?. Rapid Communications in Mass Spectrometry, 2007, 21, 466-478.	0.7	8
25	â€˜Wet chemistryâ€™ and crystallochemistry reasons for acidic matrix suppression by quaternary ammonium salts under matrix-assisted laser desorption/ionization conditions. Rapid Communications in Mass Spectrometry, 2007, 21, 1813-1819.	0.7	8
26	The effect of cone voltage on electrospray mass spectra of the bisquaternary ammonium salt decamethoxinum. Rapid Communications in Mass Spectrometry, 2006, 20, 755-763.	0.7	17
27	Evaluation of the reduction of imidazophenazine dye derivatives under fast-atom-bombardment mass-spectrometric conditions. Journal of Mass Spectrometry, 2006, 41, 113-123.	0.7	10
28	On the stability of the organic dication of the bisquaternary ammonium salt decamethoxinum under liquid secondary ion mass spectrometry. Rapid Communications in Mass Spectrometry, 2005, 19, 785-797.	0.7	18
29	Characterization of noncovalent complexes of antimalarial agents of the artemisinin-type and Fe(III)-heme by electrospray mass spectrometry and collisional activation tandem mass spectrometry. Journal of the American Society for Mass Spectrometry, 2004, 15, 1181-1190.	1.2	31
30	Low-temperature SIMS mass spectra of diethyl ether. Journal of Mass Spectrometry, 2003, 38, 517-522.	0.7	5
31	?Bubble chamber model? of fast atom bombardment induced processes. Rapid Communications in Mass Spectrometry, 2003, 17, 1781-1792.	0.7	15
32	Observation of crystallization of amorphous solid water under the conditions of secondary emission mass spectrometric experiments. Low Temperature Physics, 2003, 29, 805-808.	0.2	4
33	Mass spectrometric andab initiostudy of the interaction between 9-methylguanine and amino acid amide group. Molecular Physics, 2002, 100, 3649-3659.	0.8	4
34	Origin of Clusters: IV. Low Temperature Fast-Atom Bombardment Cluster Patterns Point to the Possible Existence of NaCl Crystalline Hydrates Incorporating Heavy Water. European Journal of Mass Spectrometry, 2002, 8, 157-161.	0.5	2
35	Mechanistic investigation of the interaction between bisquaternary antimicrobial agents and phospholipids by liquid secondary ion mass spectrometry and differential scanning calorimetry. Rapid Communications in Mass Spectrometry, 2002, 16, 1706-1713.	0.7	22
36	Modeling of recognition sites of nucleic acid bases aaand amide side chains of amino acids. Combination of experimental and theoretical approaches. European Physical Journal D, 2002, 20, 421-430.	0.6	9

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37	Production of doubly charged clusters (H2O)n Â· Ba2+ and (H2O)n Â· Ca2+ under low temperature fast atom bombardment conditions. International Journal of Mass Spectrometry, 2000, 194, 49-52.	0.7	5
38	Combined Mass Spectrometric and ab Initio Study of the Point Contacts between 9-Methyladenine and the Amide Group. Journal of Physical Chemistry A, 2000, 104, 8965-8971.	1.1	5
39	Structure and energy of nucleic acid baseâ€“amino acid complexes: 1. 1-methyl-uracil-acrylamide. Journal of Molecular Structure, 1999, 478, 155-162.	1.8	17
40	Low-temperature fast atom bombardment mass spectra of frozen nitric acid-water solution. , 1999, 34, 1303-1311.		2
41	Low-temperature experimental studies in molecular biophysics: a review. Low Temperature Physics, 1999, 25, 747-759.	0.2	6
42	Mass spectrometric and computational study of complex formation of nucleic acid bases with acrylamide as a surrogate for asparagine and glutamine residues. Rapid Communications in Mass Spectrometry, 1998, 12, 1761-1764.	0.7	1
43	Temperature dependences of ion currents of alcohol clusters under low-temperature secondary ion mass spectrometric conditions. Journal of Mass Spectrometry, 1998, 33, 843-849.	0.7	21
44	Origin of clusters. III. On the possibilities of production of mixed waterÂ–organic solute clusters under fast-atom bombardment at subzero temperatures. European Journal of Mass Spectrometry, 1998, 4, 31.	0.7	9
45	Low temperature secondary emission mass spectrometry. Cryobiological applications. European Journal of Mass Spectrometry, 1998, 4, 251.	0.7	14
46	Comparison of Positive and Negative Ion Clusters of Methanol and Ethanol Observed by Low Temperature Secondary Ion Mass Spectrometry. Rapid Communications in Mass Spectrometry, 1997, 11, 1411-1416.	0.7	24
47	Dependence of the biological activity and mass spectrometric pattern on the structure peculiarities of the molecule of alkylating drug thiotepa. Biophysical Chemistry, 1996, 57, 123-131.	1.5	4
48	Study of Frozen Solutions of Nucleic Acid Nitrogen Bases by Means of Low Temperature Fast-atom Bombardment Mass Spectrometry. Rapid Communications in Mass Spectrometry, 1996, 10, 197-199.	0.7	19
49	Interactions of Glycerol with Water in the Gaseous State under Field Ionization Conditions. Rapid Communications in Mass Spectrometry, 1996, 10, 435-438.	0.7	3
50	Study of water-cryoprotector mixtures by low temperature fast-atom bombardment mass spectrometry. Rapid Communications in Mass Spectrometry, 1995, 9, 978-984.	0.7	14
51	On the production of an aqueous colloidal solution of fullerenes. Journal of the Chemical Society Chemical Communications, 1995, , 1281.	2.0	278
52	Direct identification of organic inclusions in graphite on the basis of field desorption mass spectrometry. Organic Mass Spectrometry, 1994, 29, 458-462.	1.3	4
53	A new type of graphite emitter for field ionization/field desorption mass spectrometry. Rapid Communications in Mass Spectrometry, 1993, 7, 805-811.	0.7	8
54	Polymerization of acrylamide in the conditions of fast atom bombardment mass spectrometry. International Journal of Mass Spectrometry and Ion Processes, 1993, 127, 161-167.	1.9	3

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55	Sensitivity of fast-atom bombardment mass spectrometry to various polymorphic forms of cortisone acetate. Rapid Communications in Mass Spectrometry, 1992, 6, 531-535.	0.7	0
56	Fast atom bombardment mass spectra of thiotepa. Organic Mass Spectrometry, 1991, 26, 619-620.	1.3	3
57	On the formation of doubly charged fragment and cluster ions of oxygen- and sulfur-containing substances in field ionization and field desorption mass spectrometry. Rapid Communications in Mass Spectrometry, 1990, 4, 493-494.	0.7	4
58	Nucleic acid base complexes with thiotepa as revealed by field ionization mass spectrometry. Biological Mass Spectrometry, 1986, 13, 167-170.	0.5	12