

# Vlada A Pashynska

## List of Publications by Year in descending order

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26  
papers

2,039  
citations

933447

10  
h-index

642732

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

2656  
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of Secondary Organic Aerosols Through Photooxidation of Isoprene. <i>Science</i> , 2004, 303, 1173-1176.	12.6	1,316
2	Characterization of the organic composition of aerosols from Rondônia, Brazil, during the LBA-SMOCC 2002 experiment and its representation through model compounds. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 375-402.	4.9	265
3	Development of a gas chromatographic/ion trap mass spectrometric method for the determination of levoglucosan and saccharidic compounds in atmospheric aerosols. Application to urban aerosols. <i>Journal of Mass Spectrometry</i> , 2002, 37, 1249-1257.	1.6	179
4	Polar organic marker compounds in atmospheric aerosols during the LBA-SMOCC 2002 biomass burning experiment in Rondônia, Brazil: sources and source processes, time series, diel variations and size distributions. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 9319-9331.	4.9	90
5	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. <i>Journal of the American Society for Mass Spectrometry</i> , 2004, 15, 1181-1190.	2.8	31
6	Mechanistic investigation of the interaction between bisquaternary antimicrobial agents and phospholipids by liquid secondary ion mass spectrometry and differential scanning calorimetry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 1706-1713.	1.5	22
7	On the stability of the organic dication of the bisquaternary ammonium salt decamethoxinum under liquid secondary ion mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 785-797.	1.5	18
8	The effect of cone voltage on electrospray mass spectra of the bisquaternary ammonium salt decamethoxinum. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 755-763.	1.5	17
9	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. <i>Computational and Theoretical Chemistry</i> , 2007, 815, 55-62.	1.5	12
10	Mass spectrometric study of rhamnolipid biosurfactants and their interactions with cell membrane phospholipids. <i>Biopolymers and Cell</i> , 2009, 25, 504-508.	0.4	11
11	Lyotropic Mesophase of Hydrated Phospholipids as Model Medium for Studies of Antimicrobial Agents Activity. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 547, 155/[1845]-163/[1853].	0.9	10
12	Probing of the combined effect of bisquaternary ammonium antimicrobial agents and acetylsalicylic acid on model phospholipid membranes: differential scanning calorimetry and mass spectrometry studies. <i>Molecular BioSystems</i> , 2014, 10, 3155-3162.	2.9	10
13	Competing intermolecular interactions of artemisinin-type agents and aspirin with membrane phospholipids: Combined model mass spectrometry and quantum-chemical study. <i>Chemical Physics</i> , 2015, 455, 81-87.	1.9	9
14	“Wet chemistry” and crystallochemistry reasons for acidic matrix suppression by quaternary ammonium salts under matrix-assisted laser desorption/ionization conditions. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1813-1819.	1.5	8
15	Competition between counterions and active protein sites to bind bisquaternary ammonium groups. A combined mass spectrometry and quantum chemistry model study. <i>European Physical Journal D</i> , 2010, 58, 287-296.	1.3	8
16	Luminescence and Raman scattering of nonpolymerized and photopolymerized fullerene films at 297 and 5K. <i>Low Temperature Physics</i> , 2007, 33, 704-709.	0.6	6
17	Permeability of C60 films deposited on polycarbonatesyloxane to N2, O2, CH4, and He gases. <i>Applied Surface Science</i> , 2007, 253, 3062-3065.	6.1	6
18	New cardioprotective agent flokalin and its supramolecular complexes with target amino acids: An integrated mass-spectrometry and quantum-chemical study. <i>Journal of Molecular Structure</i> , 2017, 1146, 441-449.	3.6	6

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19	Direct identification of organic inclusions in graphite on the basis of field desorption mass spectrometry. <i>Organic Mass Spectrometry</i> , 1994, 29, 458-462.	1.3	4
20	Model mass spectrometric study of competitive interactions of antimicrobial bisquaternary ammonium drugs and aspirin with membrane phospholipids. <i>Biopolymers and Cell</i> , 2013, 29, 157-162.	0.4	4
21	Low-temperature fast atom bombardment mass spectra of frozen nitric acid-water solution. , 1999, 34, 1303-1311.		2
22	Modulation of bisquaternary ammonium agents effect on model biomembranes by complex formation with an organic anion. <i>Biopolymers and Cell</i> , 2010, 26, 472-477.	0.4	2
23	Study of intermolecular interactions of antiviral agent tilorone with RNA and nucleosides. <i>Biophysical Bulletin</i> , 2018, , .	0.2	2
24	What are molecular effects of co-administering vitamin C with artemisinin-type antimalarials? A model mass spectrometry and quantum chemical study. <i>Journal of Molecular Structure</i> , 2021, 1232, 130039.	3.6	1
25	COMPOSITE FULLERENE MEMBRANES AND THEIR APPLICABILITY AS ELEMENTS OF VENTILATION-FILTRATION-DISINFECTION SYSTEMS. , 2007, , .		0
26	Development of experimental techniques for antibiotics detection in aqueous solutions: Real-time microwave dielectrometry and UV-Vis spectrophotometry study. <i>Low Temperature Physics</i> , 2021, 47, 1041-1049.	0.6	0