

# Tatiana V Shishkanova

## List of Publications by Year in descending order

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42  
papers

567  
citations

840119

11  
h-index

642321

23  
g-index

43  
all docs

43  
docs citations

43  
times ranked

634  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Recognition at an Organic-Aqueous Interface: Heterocalixarenes as Anion Binding Agents in Liquid Polymeric Membrane Ion-Selective Electrodes. <i>Journal of the American Chemical Society</i> , 1999, 121, 8771-8775.	6.6	75
2	Cytosine substituted calix[4]pyrroles: Neutral receptors for 5'-guanosine monophosphate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4848-4853.	3.3	61
3	Ion-selective electrodes: polyaniline modification and anion recognition. <i>Analytica Chimica Acta</i> , 2005, 553, 160-168.	2.6	53
4	Citrate selectivity of poly(neutral red) electropolymerized films. <i>Analytica Chimica Acta</i> , 2004, 511, 197-205.	2.6	42
5	Potentiometric response and mechanism of anionic recognition of heterocalixarene-based ion selective electrodes. <i>Analytica Chimica Acta</i> , 2007, 587, 247-253.	2.6	36
6	Potentiometric anion response of poly(5,15-bis(2-aminophenyl)porphyrin) electropolymerized electrodes. <i>Analytica Chimica Acta</i> , 1999, 381, 197-205.	2.6	29
7	Functionalization of PVC membrane with ss oligonucleotides for a potentiometric biosensor. <i>Biosensors and Bioelectronics</i> , 2007, 22, 2712-2717.	5.3	26
8	Optimization of the thickness of a conducting polymer, polyaniline, deposited on the surface of poly(vinyl chloride) membranes: A new way to improve their potentiometric response. <i>Analytica Chimica Acta</i> , 2008, 624, 238-246.	2.6	26
9	Terahertz split-ring metamaterials as transducers for chemical sensors based on conducting polymers: a feasibility study with sensing of acidic and basic gases using polyaniline chemosensitive layer. <i>Mikrochimica Acta</i> , 2014, 181, 1857-1862.	2.5	18
10	Optimization of Poly(neutral red) Coated-wire Electrode for Determination of Citrate in Soft Drinks. <i>Sensors</i> , 2008, 8, 594-606.	2.1	13
11	Nanoparticles functionalized with phenylboronic acid for the potentiometric detection of saccharides. <i>Journal of Electroanalytical Chemistry</i> , 2016, 761, 106-111.	1.9	12
12	Electrochemical Detection of Sialic Acid Using Phenylboronic Acid-Modified Poly(Diaminobenzoic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.5	12
13	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1999, 35, 111-122.	1.6	11
14	Voltammetric Detection of Catecholamine Metabolites Using Tröger's Base Modified Electrode. <i>Electroanalysis</i> , 2018, 30, 734-739.	1.5	11
15	Preparation, characterization and analytical application of electropolymerized films. <i>Solid State Ionics</i> , 2002, 154-155, 57-63.	1.3	10
16	Monomer and polymer quinoxaline derivatives for cationic recognition. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 375, 1193-1198.	1.9	10
17	Application of polyaniline for potentiometric recognition of salicylate and its analogues. <i>Electrochimica Acta</i> , 2014, 115, 553-558.	2.6	10
18	Synthesis and deposition of a Tröger's base polymer on the electrode surface for potentiometric detection of a neuroblastoma tumor marker metabolite. <i>Chemical Communications</i> , 2016, 52, 11991-11994.	2.2	10

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19	Surfactant Ion Selective Membrane Electrodes. <i>Analytical Letters</i> , 1996, 29, 843-858.	1.0	9
20	Important aspects influencing stability of the electrochemical potential of conductive polymer-based electrodes. <i>Journal of Materials Science</i> , 2011, 46, 7594-7602.	1.7	9
21	Cytosine-substituted metalloporphyrins: receptors for recognition of nucleotides in ion-selective electrodes. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1169-1175.	1.5	8
22	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1998, 32, 9-21.	1.6	7
23	Amino-substituted Tröger's base: electrochemical polymerization and characterization of the polymer film. <i>Electrochimica Acta</i> , 2017, 224, 439-445.	2.6	7
24	Molecular frameworks of polymerized 3-aminobenzoic acid for chemical modification and electrochemical recognition. <i>Journal of Electroanalytical Chemistry</i> , 2019, 832, 321-328.	1.9	6
25	Complexation of cathinones by 4-tert-butylcalix[4]arene tetra-acetate as a possible technique for forensic analysis. <i>Forensic Toxicology</i> , 2020, 38, 70-78.	1.4	6
26	Molecular Recognition of Phenylalanine Enantiomers onto a Solid Surface Modified with Electropolymerized Pyrrole-Cyclodextrin Conjugate. <i>Electroanalysis</i> , 2020, 32, 767-774.	1.5	6
27	Molecular recognition of amino acid esters in liquid polymeric membrane ion-selective electrodes. <i>Analytica Chimica Acta</i> , 2001, 448, 19-25.	2.6	5
28	A Novel Way to Improve Sulfate Recognition. <i>Electroanalysis</i> , 2009, 21, 2010-2013.	1.5	5
29	Influence of polyaniline on the potentiometric determination of risedronate with ion-selective membranes. <i>Analytical Methods</i> , 2010, 2, 1614.	1.3	4
30	Poly(4-amino-2,1,3-benzothiadiazole) films: preparation, characterization and applications. <i>Chemical Papers</i> , 2017, 71, 359-366.	1.0	4
31	Potentiometric Electronic Tongue for Taste Assessment of Ibuprofen Based Pharmaceuticals. <i>Electroanalysis</i> , 2019, 31, 2024-2031.	1.5	4
32	Screening of Synthetic Cathinones by Potentiometric Sensor Array and Chemometrics. <i>Electroanalysis</i> , 2022, 34, 1193-1200.	1.5	4
33	Phenylboronic Acid-Gold Nanoparticles for Potentiometric Detection of Saccharides. <i>Electroanalysis</i> , 2014, 26, 679-681.	1.5	3
34	Influence of surface properties on the deposition of a polyaniline film and detection of tumor markers. <i>Chemical Papers</i> , 2017, 71, 489-494.	1.0	3
35	Electrochemically oxidized 15-crown-5 substituted thiophene and host-guest interaction with new psychoactive substances. <i>Electrochimica Acta</i> , 2021, 373, 137862.	2.6	3
36	Potentiometric Electronic Tongue for Pharmaceutical Analytics: Determination of Ascorbic Acid Based on Electropolymerized Films. <i>Chemosensors</i> , 2021, 9, 110.	1.8	3

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37	Smart Design for Potentiometric Detection. <i>Electroanalysis</i> , 2015, 27, 713-719.	1.5	2
38	Pentamethinium Salts Nanocomposite for Electrochemical Detection of Heparin. <i>Materials</i> , 2021, 14, 5357.	1.3	2
39	Optimization of Electrochemical Visualization of Latent Fingerprints with Poly(Neutral Red) on Brass Surfaces. <i>Polymers</i> , 2021, 13, 3220.	2.0	2
40	Chemosensitive sensors based on THz/infrared properties of planar metamaterials. , 2012, , .		0
41	Electrochemical sensor for phenylpropanolamine based on oligomer derived from 3-hydroxybenzoic acid with dibenzo-18-crown-6. <i>Journal of Electroanalytical Chemistry</i> , 2021, 882, 114963.	1.9	0
42	Nucleoside- and Nucleobase-Substituted Oligopyrrolic Macrocycles. , 2008, , 3216-3233.		0