

# Tatiana V Shishkanova

## List of Publications by Year in descending order

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42  
papers

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citations

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23  
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docs citations

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times ranked

634  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Screening of Synthetic Cathinones by Potentiometric Sensor Array and Chemometrics. <i>Electroanalysis</i> , 2022, 34, 1193-1200.  | 1.5 | 4         |
| 2  | 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         |
| 3  | 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         |
| 4  | Potentiometric Electronic Tongue for Pharmaceutical Analytics: Determination of Ascorbic Acid Based on Electropolymerized Films. <i>Chemosensors</i> , 2021, 9, 110.  | 1.8 | 3         |
| 5  | Pentamethinium Salts Nanocomposite for Electrochemical Detection of Heparin. <i>Materials</i> , 2021, 14, 5357.   | 1.3 | 2         |
| 6  | Optimization of Electrochemical Visualization of Latent Fingerprints with Poly(Neutral Red) on Brass Surfaces. <i>Polymers</i> , 2021, 13, 3220.  | 2.0 | 2         |
| 7  | 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         |
| 8  | Molecular Recognition of Phenylalanine Enantiomers onto a Solid Surface Modified with Electropolymerized Pyrrole- $\beta$ -Cyclodextrin Conjugate. <i>Electroanalysis</i> , 2020, 32, 767-774.                | 1.5 | 6         |
| 9  | Potentiometric Electronic Tongue for Taste Assessment of Ibuprofen Based Pharmaceuticals. <i>Electroanalysis</i> , 2019, 31, 2024-2031.   | 1.5 | 4         |
| 10 | 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         |
| 11 | Voltammetric Detection of Catecholamine Metabolites Using Tröger's Base Modified Electrode. <i>Electroanalysis</i> , 2018, 30, 734-739.   | 1.5 | 11        |
| 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 | Poly(4-amino-2,1,3-benzothiadiazole) films: preparation, characterization and applications. <i>Chemical Papers</i> , 2017, 71, 359-366.   | 1.0 | 4         |
| 14 | 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         |
| 15 | Amino-substituted Tröger's base: electrochemical polymerization and characterization of the polymer film. <i>Electrochimica Acta</i> , 2017, 224, 439-445.  | 2.6 | 7         |
| 16 | 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        |
| 17 | Nanoparticles functionalized with phenylboronic acid for the potentiometric detection of saccharides. <i>Journal of Electroanalytical Chemistry</i> , 2016, 761, 106-111.                                     | 1.9 | 12        |
| 18 | Smart Design for Potentiometric Detection. <i>Electroanalysis</i> , 2015, 27, 713-719.  | 1.5 | 2         |

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|----|--|-----|-----------|
| 19 | Application of polyaniline for potentiometric recognition of salicylate and its analogues. <i>Electrochimica Acta</i> , 2014, 115, 553-558.  | 2.6 | 10        |
| 20 | Phenylboronic Acid- $\text{Au}$ Nanoparticles for Potentiometric Detection of Saccharides. <i>Electroanalysis</i> , 2014, 26, 679-681.   | 1.5 | 3         |
| 21 | 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        |
| 22 | Chemosensitive sensors based on THz/infrared properties of planar metamaterials. , 2012, , .   |     | 0         |
| 23 | 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         |
| 24 | Influence of polyaniline on the potentiometric determination of risedronate with ion-selective membranes. <i>Analytical Methods</i> , 2010, 2, 1614.   | 1.3 | 4         |
| 25 | A Novel Way to Improve Sulfate Recognition. <i>Electroanalysis</i> , 2009, 21, 2010-2013.  | 1.5 | 5         |
| 26 | 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        |
| 27 | 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        |
| 28 | Nucleoside- and Nucleobase-Substituted Oligopyrrolic Macrocycles. , 2008, , 3216-3233.   |     | 0         |
| 29 | Functionalization of PVC membrane with ss oligonucleotides for a potentiometric biosensor. <i>Biosensors and Bioelectronics</i> , 2007, 22, 2712-2717.   | 5.3 | 26        |
| 30 | 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        |
| 31 | Ion-selective electrodes: polyaniline modification and anion recognition. <i>Analytica Chimica Acta</i> , 2005, 553, 160-168.  | 2.6 | 53        |
| 32 | Citrate selectivity of poly(neutral red) electropolymerized films. <i>Analytica Chimica Acta</i> , 2004, 511, 197-205.   | 2.6 | 42        |
| 33 | 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         |
| 34 | Monomer and polymer quinoxaline derivatives for cationic recognition. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 375, 1193-1198.  | 1.9 | 10        |
| 35 | 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        |
| 36 | Preparation, characterization and analytical application of electropolymerized films. <i>Solid State Ionics</i> , 2002, 154-155, 57-63.  | 1.3 | 10        |

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|----|---|-----|-----------|
| 37 | 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         |
| 38 | 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        |
| 39 | Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1999, 35, 111-122.   | 1.6 | 11        |
| 40 | 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        |
| 41 | Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1998, 32, 9-21.  | 1.6 | 7         |
| 42 | Surfactant Ion Selective Membrane Electrodes. <i>Analytical Letters</i> , 1996, 29, 843-858.  | 1.0 | 9         |