# Tatjana M TrtiÄ-PetroviÄ

List of Publications by Year
in descending order



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|---|---|---|---|
| 44 papers | 643 citations | 567281 15 h-index | 610901 24 g-index |
| 45 all docs | 45 docs citations | 45 times ranked | 902 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Determination of selected pesticides in environmental water by employing liquid-phase microextraction and liquid chromatographyâ€“tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2010, 397, 2233-2243. | 3.7 | 52 |
| 2 | Simultaneous Removal of Divalent Heavy Metals from Aqueous Solutions Using Raw and Mechanochemically Treated Interstratified Montmorillonite/Kaolinite Clay. Industrial & Engineering Chemistry Research, 2013, 52, 7930-7939. | 3.7 | 39 |
| 3 | Preparation of boron-doped hydrothermal carbon from glucose for carbon paste electrode. Carbon, 2015, 95, 42-50. | 10.3 | 39 |
| 4 | The Targeted Pesticides as Acetylcholinesterase Inhibitors: Comprehensive Cross-Organism Molecular Modelling Studies Performed to Anticipate the Pharmacology of Harmfulness to Humans In Vitro. Molecules, 2018, 23, 2192. | 3.8 | 36 |
| 5 | Characterization of drugâ€“protein binding process by employing equilibrium sampling through hollow-fiber supported liquid membrane and Bjerrum and Scatchard plots. Journal of Pharmaceutical and Biomedical Analysis, 2008, 48, 49-56. | 2.8 | 33 |
| 6 | Electrochemical investigation of ionic liquid-derived porous carbon materials for supercapacitors: pseudocapacitance versus electrical double layer. Electrochimica Acta, 2019, 298, 541-551. | 5.2 | 32 |
| 7 | Liquidâ€“Liquid Equilibria in Aqueous 1-Alkyl-3-methylimidazolium- and 1-Butyl-3-ethylimidazolium-Based Ionic Liquids. Journal of Chemical & Engineering Data, 2016, 61, 549-555. | 1.9 | 30 |
| 8 | Improved single-step extraction performance of aqueous biphasic systems using novel symmetric ionic liquids for the decolorisation of toxic dye effluents. Journal of Industrial and Engineering Chemistry, 2019, 76, 500-507. | 5.8 | 28 |
| 9 | Voltammetric Determination of the Herbicide Linuron Using a Tricresyl Phosphate-Based Carbon Paste Electrode. Sensors, 2012, 12, 148-161. | 3.8 | 25 |
| 10 | Simultaneous extraction of pesticides of different polarity applying aqueous biphasic systems based on ionic liquids. Journal of Molecular Liquids, 2017, 243, 646-653. | 4.9 | 25 |
| 11 | Aqueous biphasic system formation using 1-alkyl-3-ethylimidazolium bromide ionic liquids as new extractants. Journal of Industrial and Engineering Chemistry, 2016, 40, 152-160. | 5.8 | 23 |
| 12 | Electrocatalytic Activity of Ionicâ€Liquidâ€Derived Porous Carbon Materials for the Oxygen Reduction Reaction. ChemElectroChem, 2018, 5, 1037-1046. | 3.4 | 22 |
| 13 | Equilibrium sampling through membrane based on a single hollow fibre for determination of drugâ€“protein binding and free drug concentration in plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 826, 169-176. | 2.3 | 21 |
| 14 | Determination of drugâ€“protein binding using supported liquid membrane extraction under equilibrium conditions. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 814, 375-384. | 2.3 | 20 |
| 15 | New sample preparation method based on task-specific ionic liquids for extraction and determination of copper in urine and wastewater. Analytical and Bioanalytical Chemistry, 2018, 410, 155-166. | 3.7 | 17 |
| 16 | Application of SLM extraction for investigation of metal-humic acid bindings. Desalination, 2002, 148, 247-251. | 8.2 | 15 |
| 17 | Supported liquid membrane extraction of 177Lu(III) with DEHPA and its application for purification of 177Lu-DOTA-lanreotide. Separation and Purification Technology, 2006, 51, 310-317. | 7.9 | 15 |
| 18 | Protic ionic liquids as adjuvants to enhance extraction and separation performance of diverse polarity compounds in PEG-salt based aqueous biphasic system. Journal of Molecular Liquids, 2020, 303, 112484. | 4.9 | 15 |

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|---|---|---|---|
| 19 | Aqueous biphasic systems comprising copolymers and cholinium-based salts or ionic liquids: Insights on the mechanisms responsible for their creation. Separation and Purification Technology, 2020, 248, 117050. | 7.9 | 15 |
| 20 | Determination of Carbendazim by an Ionic Liquid-Modified Carbon Paste Electrode. Analytical Letters, 2017, 50, 1075-1090. | 1.8 | 13 |
| 21 | Novel 90Srâ€“90Y generator system based on a pertraction through supported liquid membrane in hollow fiber contactor. Chemical Engineering Research and Design, 2015, 97, 57-67. | 5.6 | 12 |
| 22 | Valorization of Expired Energy Drinks by Designed and Integrated Ionic Liquid-Based Aqueous Biphasic Systems. ACS Sustainable Chemistry and Engineering, 2020, 8, 5683-5692. | 6.7 | 12 |
| 23 | Cobalt Ferrite Nanospheres as a Potential Magnetic Adsorbent for Chromium(VI) Ions. Journal of Nanoscience and Nanotechnology, 2019, 19, 5027-5034. | 0.9 | 9 |
| 24 | Removal of the Selected Pesticides from a Water Solution by Applying Hollow Fiber Liquidâ€“Liquid Membrane Extraction. Industrial & Engineering Chemistry Research, 2014, 53, 4861-4870. | 3.7 | 8 |
| 25 | Solid-phase extraction disk based on multiwalled carbon nanotubes for the enrichment of targeted pesticides from aqueous samples. Journal of Separation Science, 2017, 40, 1564-1571. | 2.5 | 8 |
| 26 | Further insight into the influence of functionalization and positional isomerism of pyridinium ionic liquids on the aqueous two-phase system equilibria. Fluid Phase Equilibria, 2020, 512, 112520. | 2.5 | 7 |
| 27 | A novel carbon paste electrode based on nitrogen-doped hydrothermal carbon for electrochemical determination of carbendazim. Journal of the Serbian Chemical Society, 2017, 82, 1259-1272. | 0.8 | 7 |
| 28 | Boosting electrocatalysis of oxygen reduction and evolution reactions with cost-effective cobalt and nitrogen-doped carbons prepared by simple carbonization of ionic liquids. International Journal of Hydrogen Energy, 2022, 47, 14847-14858. | 7.1 | 7 |
| 29 | Influence of module arrangements on solvent extraction of thallium(III) in hollow fiber contactors. Journal of Separation Science, 2001, 24, 519-525. | 2.5 | 6 |
| 30 | Extraction of lutetium(III) from aqueous solutions by employing a single fibreâ€supported liquid membrane. Journal of Separation Science, 2010, 33, 2002-2009. | 2.5 | 6 |
| 31 | Mass transfer resistance in a liquidâ€phase microextraction employing a single hollow fiber under unsteadyâ€state conditions. Journal of Separation Science, 2012, 35, 2390-2398. | 2.5 | 6 |
| 32 | Glassy carbon and boron doped glassy carbon electrodes for voltammetric determination of linuron herbicide in the selected samples. Open Chemistry, 2012, 10, 1271-1279. | 1.9 | 6 |
| 33 | Comparison of allergenic potentials of timothy (Phleum pratense) pollens from different pollen seasons collected in the Belgrade area. Allergy: European Journal of Allergy and Clinical Immunology, 1997, 52, 210-214. | 5.7 | 5 |
| 34 | Analysis of concentration boundary layer in thallium (III) extraction with butyl acetate using membrane modules of different length. Desalination, 2002, 148, 241-246. | 8.2 | 5 |
| 35 | Membrane-Assisted Liquid-Phase Extraction of Lu(III) in a U-Shaped Contactor with a Single Hollow Fiber Membrane. Industrial & Engineering Chemistry Research, 2012, 51, 14199-14208. | 3.7 | 5 |
| 36 | Vortex-assisted ionic liquid based liquid-liquid microextraction of selected pesticides from a manufacturing wastewater sample. Open Chemistry, 2014, 12, 98-106. | 1.9 | 5 |

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| 37 | Liquid-phase membrane extraction of targeted pesticides from manufacturing wastewaters in a hollow fibre contactor with feed-stream recycle. Environmental Technology (United Kingdom), 2017, 38, 78-84. | 2.2 | 4 |
| 38 | Ionic Liquid-Derived Carbon-Supported Metal Electrocatalysts as Anodes in Direct Borohydride-Peroxide Fuel Cells. Catalysts, 2021, 11, 632. | 3.5 | 4 |
| 39 | Indirect determination of lutetium by differential pulse anodic stripping voltammetry at a hanging mercury drop electrode. Open Chemistry, 2008, 6, 65-69. | 1.9 | 2 |
| 40 | Spatial distribution of multielements including lanthanides in sediments of Iron Gate I Reservoir in the Danube River. Environmental Science and Pollution Research, 2021, 28, 44877-44889. | 5.3 | 2 |
| 41 | Influence of module arrangements on solvent extraction of thallium(III) in hollow fiber contactors. Journal of Separation Science, 2001, 24, 519-525. | 2.5 | 1 |
| 42 | Application of ACD/LABS 12 program for determination of conditions for experimental membrane extraction of pesticides. Hemijska Industrija, 2010, 64, 221-225. | 0.7 | 1 |
| 43 | Development of RAST assay for determination of anti-Populus canadensis IgE antibodies. Journal of Radioanalytical and Nuclear Chemistry, 1996, 206, 145-149. | 1.5 | 0 |
| 44 | Extraction of <sup>99m</sup>Tc in a hollow fiber pertractor. Journal of Labelled Compounds and Radiopharmaceuticals, 2001, 44, S660. | 1.0 | 0 |