

# Tatjana M TrtiÄ-PetroviÄ

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2786350/publications.pdf>

Version: 2024-02-01

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	Boosting electrocatalysis of oxygen reduction and evolution reactions with cost-effective cobalt and nitrogen-doped carbons prepared by simple carbonization of ionic liquids. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 14847-14858.	7.1	7
2	Spatial distribution of multielements including lanthanides in sediments of Iron Gate I Reservoir in the Danube River. <i>Environmental Science and Pollution Research</i> , 2021, 28, 44877-44889.	5.3	2
3	Ionic Liquid-Derived Carbon-Supported Metal Electrocatalysts as Anodes in Direct Borohydride-Peroxide Fuel Cells. <i>Catalysts</i> , 2021, 11, 632.	3.5	4
4	Protic ionic liquids as adjuvants to enhance extraction and separation performance of diverse polarity compounds in PEG-salt based aqueous biphasic system. <i>Journal of Molecular Liquids</i> , 2020, 303, 112484.	4.9	15
5	Valorization of Expired Energy Drinks by Designed and Integrated Ionic Liquid-Based Aqueous Biphasic Systems. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5683-5692.	6.7	12
6	Further insight into the influence of functionalization and positional isomerism of pyridinium ionic liquids on the aqueous two-phase system equilibria. <i>Fluid Phase Equilibria</i> , 2020, 512, 112520.	2.5	7
7	Aqueous biphasic systems comprising copolymers and cholinium-based salts or ionic liquids: Insights on the mechanisms responsible for their creation. <i>Separation and Purification Technology</i> , 2020, 248, 117050.	7.9	15
8	Cobalt Ferrite Nanospheres as a Potential Magnetic Adsorbent for Chromium(VI) Ions. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 5027-5034.	0.9	9
9	Improved single-step extraction performance of aqueous biphasic systems using novel symmetric ionic liquids for the decolorisation of toxic dye effluents. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 76, 500-507.	5.8	28
10	Electrochemical investigation of ionic liquid-derived porous carbon materials for supercapacitors: pseudocapacitance versus electrical double layer. <i>Electrochimica Acta</i> , 2019, 298, 541-551.	5.2	32
11	Electrocatalytic Activity of Ionic Liquid-Derived Porous Carbon Materials for the Oxygen Reduction Reaction. <i>ChemElectroChem</i> , 2018, 5, 1037-1046.	3.4	22
12	New sample preparation method based on task-specific ionic liquids for extraction and determination of copper in urine and wastewater. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 155-166.	3.7	17
13	The Targeted Pesticides as Acetylcholinesterase Inhibitors: Comprehensive Cross-Organism Molecular Modelling Studies Performed to Anticipate the Pharmacology of Harmfulness to Humans In Vitro. <i>Molecules</i> , 2018, 23, 2192.	3.8	36
14	Liquid-phase membrane extraction of targeted pesticides from manufacturing wastewaters in a hollow fibre contactor with feed-stream recycle. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 78-84.	2.2	4
15	Solid-phase extraction disk based on multiwalled carbon nanotubes for the enrichment of targeted pesticides from aqueous samples. <i>Journal of Separation Science</i> , 2017, 40, 1564-1571.	2.5	8
16	Simultaneous extraction of pesticides of different polarity applying aqueous biphasic systems based on ionic liquids. <i>Journal of Molecular Liquids</i> , 2017, 243, 646-653.	4.9	25
17	Determination of Carbendazim by an Ionic Liquid-Modified Carbon Paste Electrode. <i>Analytical Letters</i> , 2017, 50, 1075-1090.	1.8	13
18	A novel carbon paste electrode based on nitrogen-doped hydrothermal carbon for electrochemical determination of carbendazim. <i>Journal of the Serbian Chemical Society</i> , 2017, 82, 1259-1272.	0.8	7

#	ARTICLE	IF	CITATIONS
19	Aqueous biphasic system formation using 1-alkyl-3-ethylimidazolium bromide ionic liquids as new extractants. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 40, 152-160.	5.8	23
20	Liquid-Liquid Equilibria in Aqueous 1-Alkyl-3-methylimidazolium- and 1-Butyl-3-ethylimidazolium-Based Ionic Liquids. <i>Journal of Chemical &amp; Engineering Data</i> , 2016, 61, 549-555.	1.9	30
21	Novel $^{90}\text{Sr}$ - $^{90}\text{Y}$ generator system based on a pertraction through supported liquid membrane in hollow fiber contactor. <i>Chemical Engineering Research and Design</i> , 2015, 97, 57-67.	5.6	12
22	Preparation of boron-doped hydrothermal carbon from glucose for carbon paste electrode. <i>Carbon</i> , 2015, 95, 42-50.	10.3	39
23	Vortex-assisted ionic liquid based liquid-liquid microextraction of selected pesticides from a manufacturing wastewater sample. <i>Open Chemistry</i> , 2014, 12, 98-106.	1.9	5
24	Removal of the Selected Pesticides from a Water Solution by Applying Hollow Fiber Liquid-Liquid Membrane Extraction. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 4861-4870.	3.7	8
25	Simultaneous Removal of Divalent Heavy Metals from Aqueous Solutions Using Raw and Mechanochemically Treated Interstratified Montmorillonite/Kaolinite Clay. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 7930-7939.	3.7	39
26	Membrane-Assisted Liquid-Phase Extraction of Lu(III) in a U-Shaped Contactor with a Single Hollow Fiber Membrane. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 14199-14208.	3.7	5
27	Voltammetric Determination of the Herbicide Linuron Using a Tricresyl Phosphate-Based Carbon Paste Electrode. <i>Sensors</i> , 2012, 12, 148-161.	3.8	25
28	Mass transfer resistance in a liquid-phase microextraction employing a single hollow fiber under unsteady-state conditions. <i>Journal of Separation Science</i> , 2012, 35, 2390-2398.	2.5	6
29	Glassy carbon and boron doped glassy carbon electrodes for voltammetric determination of linuron herbicide in the selected samples. <i>Open Chemistry</i> , 2012, 10, 1271-1279.	1.9	6
30	Determination of selected pesticides in environmental water by employing liquid-phase microextraction and liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2233-2243.	3.7	52
31	Extraction of lutetium(III) from aqueous solutions by employing a single fibre-supported liquid membrane. <i>Journal of Separation Science</i> , 2010, 33, 2002-2009.	2.5	6
32	Application of ACD/LABS 12 program for determination of conditions for experimental membrane extraction of pesticides. <i>Hemijaska Industrija</i> , 2010, 64, 221-225.	0.7	1
33	Characterization of drug-protein binding process by employing equilibrium sampling through hollow-fiber supported liquid membrane and Bjerrum and Scatchard plots. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 49-56.	2.8	33
34	Indirect determination of lutetium by differential pulse anodic stripping voltammetry at a hanging mercury drop electrode. <i>Open Chemistry</i> , 2008, 6, 65-69.	1.9	2
35	Supported liquid membrane extraction of $^{177}\text{Lu}$ (III) with DEHPA and its application for purification of $^{177}\text{Lu}$ -DOTA-lanreotide. <i>Separation and Purification Technology</i> , 2006, 51, 310-317.	7.9	15
36	Determination of drug-protein binding using supported liquid membrane extraction under equilibrium conditions. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 814, 375-384.	2.3	20

#	ARTICLE	IF	CITATIONS
37	Equilibrium sampling through membrane based on a single hollow fibre for determination of drugâ€™ protein binding and free drug concentration in plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 826, 169-176.	2.3	21
38	Analysis of concentration boundary layer in thallium (III) extraction with butyl acetate using membrane modules of different length. <i>Desalination</i> , 2002, 148, 241-246.	8.2	5
39	Application of SLM extraction for investigation of metal-humic acid bindings. <i>Desalination</i> , 2002, 148, 247-251.	8.2	15
40	Influence of module arrangements on solvent extraction of thallium(III) in hollow fiber contactors. <i>Journal of Separation Science</i> , 2001, 24, 519-525.	2.5	6
41	Extraction of <sup>99m</sup> Tc in a hollow fiber pertractor. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2001, 44, S660.	1.0	0
42	Influence of module arrangements on solvent extraction of thallium(III) in hollow fiber contactors. <i>Journal of Separation Science</i> , 2001, 24, 519-525.	2.5	1
43	Comparison of allergenic potentials of timothy ( <i>Phleum pratense</i> ) pollens from different pollen seasons collected in the Belgrade area. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1997, 52, 210-214.	5.7	5
44	Development of RAST assay for determination of anti- <i>Populus canadensis</i> IgE antibodies. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1996, 206, 145-149.	1.5	0