

Philiswa Nosizo Nomngongo

List of Publications by Year in descending order

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143
papers

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citations

172386

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146
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#	ARTICLE	IF	CITATIONS
1	A Critical Review on the Synthesis and Application of Ion-Imprinted Polymers for Selective Preconcentration, Speciation, Removal and Determination of Trace and Essential Metals from Different Matrices. <i>Critical Reviews in Analytical Chemistry</i> , 2022, 52, 314-326.	1.8	22
2	A Critical Review on Application of Extraction Methods Prior to Spectrometric Determination of Trace-Metals in Oily Matrices. <i>Critical Reviews in Analytical Chemistry</i> , 2022, 52, 1-18.	1.8	27
3	Recent methods used in degradation of parabens in aqueous solutions: a review. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 2139-2154.	1.8	6
4	Application of Ultrafiltration Membrane Technology for Removal of Dyes from Wastewater. <i>Sustainable Textiles</i> , 2022, , 37-47.	0.4	8
5	The importance and status of the micronutrient selenium in South Africa: a review. <i>Environmental Geochemistry and Health</i> , 2022, 44, 3703-3723.	1.8	5
6	Synthesis of molecularly imprinted polymers for extraction of fluoroquinolones in environmental, food and biological samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 208, 114447.	1.4	19
7	Combination of zeolitic imidazolate framework-67 and magnetic porous porphyrin organic polymer for preconcentration of neonicotinoid insecticides in river water. <i>Journal of Chromatography A</i> , 2022, 1661, 462685.	1.8	14
8	Occurrence of pharmaceuticals in the environmental waters: African and Asian perspectives. <i>Environmental Chemistry and Ecotoxicology</i> , 2022, 4, 50-66.	4.6	37
9	Development of dispersive solid-phase microextraction coupled with high-pressure liquid chromatography for the preconcentration and determination of the selected neonicotinoid insecticides. <i>Journal of Analytical Science and Technology</i> , 2022, 13, .	1.0	5
10	Adsorptive removal of major and trace metal ions from synthetic saline and real seawater samples onto magnetic zeolite nanocomposite: application of multicomponent fixed-bed column adsorption. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 2949-2961.	1.2	4
11	Two agitation routes for the adsorption of Reactive Red 120 dye on NiFe LDH/AC nanosheets from wastewater and river water. <i>Applied Clay Science</i> , 2022, 219, 106438.	2.6	15
12	Beta-Cyclodextrin-Decorated Magnetic Activated Carbon as a Sorbent for Extraction and Enrichment of Steroid Hormones (Estrone, 1 ⁷ -Estradiol, Hydrocortisone and Progesterone) for Liquid Chromatographic Analysis. <i>Molecules</i> , 2022, 27, 248.	1.7	6
13	Magnetic Ion Imprinted Polymers (MIIPs) for Selective Extraction and Preconcentration of Sb(III) from Environmental Matrices. <i>Polymers</i> , 2022, 14, 21.	2.0	5
14	Adsorptive and photocatalytic remediation of hazardous organic chemical pollutants in aqueous medium: A review. <i>Journal of Contaminant Hydrology</i> , 2022, 248, 104019.	1.6	30
15	Liquid chromatographic determination of per- and polyfluoroalkyl substances in environmental river water samples. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103960.	2.3	9
16	Advanced Polymeric Nanocomposites for Water Treatment Applications: A Holistic Perspective. <i>Polymers</i> , 2022, 14, 2462.	2.0	21
17	Seasonal Variation of Drinking Water Quality and Human Health Risk Assessment: A Case Study in Rural Village of the Eastern Cape, South Africa. <i>Water (Switzerland)</i> , 2022, 14, 2013.	1.2	3
18	One-Step Synthesis of a Mn-Doped Fe ₂ O ₃ /GO Core-Shell Nanocomposite and Its Application for the Adsorption of Levofloxacin in Aqueous Solution. <i>ACS Omega</i> , 2022, 7, 23302-23314.	1.6	6

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19	Effect of nanoparticle-enriched coatings on the shelf life of Cavendish bananas. <i>Scientia Horticulturae</i> , 2022, 304, 111312.	1.7	16
20	A nanostructured o-hydroxyazobenzene porous organic polymer as an effective sorbent for the extraction and preconcentration of selected hormones and insecticides in river water. <i>Microchemical Journal</i> , 2022, 181, 107791.	2.3	6
21	Ultrasonic assisted dispersive-solid phase extraction for preconcentration of trace metals in wastewater samples. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108187.	3.3	11
22	Magnetic Fe ₃ O ₄ @Mg/Al-layered double hydroxide adsorbent for preconcentration of trace metals in water matrices. <i>Scientific Reports</i> , 2021, 11, 2302.	1.6	15
23	A review of extraction, analytical, and advanced methods for the determination of neonicotinoid insecticides in environmental water matrices. <i>Reviews in Analytical Chemistry</i> , 2021, 40, 187-203.	1.5	14
24	Magnetic Mesoporous Carbon/β-Cyclodextrin@Chitosan Nanocomposite for Extraction and Preconcentration of Multi-Class Emerging Contaminant Residues in Environmental Samples. <i>Nanomaterials</i> , 2021, 11, 540.	1.9	16
25	Cobalt/zinc based metal organic frameworks as an effective adsorbent for improved removal of As(V) and Cr(VI) in a wide pH range. <i>Journal of Materials Research and Technology</i> , 2021, 12, 1845-1855.	2.6	18
26	Adsorptive Removal of Cd, Cu, Ni and Mn from Environmental Samples Using Fe ₃ O ₄ -ZrO ₂ @APS Nanocomposite: Kinetic and Equilibrium Isotherm Studies. <i>Molecules</i> , 2021, 26, 3209.	1.7	10
27	Recent Advances in Solid-Phase Extraction (SPE) Based on Molecularly Imprinted Polymers (MIPs) for Analysis of Hormones. <i>Chemosensors</i> , 2021, 9, 151.	1.8	13
28	MnO ₂ @Reduced Graphene Oxide Nanocomposite-Based Electrochemical Sensor for the Simultaneous Determination of Trace Cd(II), Zn(II) and Cu(II) in Water Samples. <i>Membranes</i> , 2021, 11, 517.	1.4	18
29	Multi-ion imprinted polymers (MIIPs) for simultaneous extraction and preconcentration of Sb(III), Te(IV), Pb(II) and Cd(II) ions from drinking water sources. <i>Journal of Hazardous Materials</i> , 2021, 416, 126175.	6.5	17
30	Recovery of Palladium and Gold from PGM Ore and Concentrate Leachates Using Fe ₃ O ₄ @SiO ₂ @Mg-Al-LDH Nanocomposite. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 917.	0.8	2
31	Ultrasonic assisted magnetic solid phase extraction based on the use of magnetic waste-tyre derived activated carbon modified with methyltriethylammonium chloride adsorbent for the preconcentration and analysis of non-steroidal anti-inflammatory drugs in wastewater. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103329.	2.3	12
32	An adsorbent composed of alginate, polyvinylpyrrolidone and activated carbon (AC@PVP@alginate) for ultrasound-assisted dispersive micro-solid phase extraction of nevirapine and zidovudine in environmental water samples. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021, 16, 100559.	1.7	9
33	Exploration of a Molecularly Imprinted Polymer (MIPs) as an Adsorbent for the Enrichment of Trenbolone in Water. <i>Processes</i> , 2021, 9, 186.	1.3	8
34	Nanocomposites for Electrochemical Sensors and Their Applications on the Detection of Trace Metals in Environmental Water Samples. <i>Sensors</i> , 2021, 21, 131.	2.1	38
35	Vortex-Assisted Dispersive Molecularly Imprinted Polymer-Based Solid Phase Extraction of Acetaminophen from Water Samples Prior to HPLC-DAD Determination. <i>Separations</i> , 2021, 8, 194.	1.1	8
36	Simultaneous Determination of REEs in Coal Samples Using the Combination of Microwave-Assisted Ashing and Ultrasound-Assisted Extraction Methods Followed by ICP-OES Analysis. <i>Minerals (Basel)</i> , 2021, 11, 1000.	0.8	10

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37	Occurrence, Fate, Effects, and Risks of Dexamethasone: Ecological Implications Post-COVID-19. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11291.	1.2	18
38	Magnetic Cellulose-Chitosan Nanocomposite for Simultaneous Removal of Emerging Contaminants: Adsorption Kinetics and Equilibrium Studies. <i>Gels</i> , 2021, 7, 190.	2.1	8
39	Exploring the Iron Oxide Functionalized Biobased Carbon-silica-polyethyleneimine Composites for Hexavalent Chromium Removal from Dilute Aqueous Solutions. <i>Water (Switzerland)</i> , 2021, 13, 3081.	1.2	2
40	Determination of fluoroquinolones in the environmental samples using vortex assisted dispersive liquid-liquid microextraction coupled with high performance liquid chromatography. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, 100, 282-294.	1.8	16
41	Microalgae as a biocathode and feedstock in anode chamber for a self-sustainable microbial fuel cell technology: A review. <i>South African Journal of Chemical Engineering</i> , 2020, 31, 7-16.	1.2	31
42	Recyclable magnetic waste tyre activated carbon-chitosan composite as an effective adsorbent rapid and simultaneous removal of methylparaben and propylparaben from aqueous solution and wastewater. <i>Journal of Water Process Engineering</i> , 2020, 33, 101011.	2.6	55
43	Determination of organophosphorus pesticides in wastewater samples using vortex-assisted dispersive liquid-liquid microextraction with liquid chromatography-mass spectrometry. <i>International Journal of Environmental Science and Technology</i> , 2020, 17, 2325-2336.	1.8	23
44	Enhanced Adsorptive Removal of ¹⁷ β-Estradiol from Aqueous and Wastewater Samples by Magnetic Nano-Akaganeite: Adsorption Isotherms, Kinetics, and Mechanism. <i>Processes</i> , 2020, 8, 1197.	1.3	7
45	Recovery of gold(III) and iridium(IV) using magnetic layered double hydroxide (Fe ₃ O ₄ /Mg-Al-LDH) nanocomposite: Equilibrium studies and application to real samples. <i>Hydrometallurgy</i> , 2020, 197, 105447.	1.8	27
46	Effect of the Zwitterion, p(MAO-DMPA), on the Internal Structure, Fouling Characteristics, and Dye Rejection Mechanism of PVDF Membranes. <i>Membranes</i> , 2020, 10, 323.	1.4	4
47	Evaluation of mobility, fractionation, and potential environmental risk of trace metals present in soils from Struik gold mine dumps. <i>Journal of African Earth Sciences</i> , 2020, 172, 104008.	0.9	8
48	An improved microwave assisted sequential extraction method followed by spectrometric analysis for metal distribution determination in South African coal samples. <i>Scientific Reports</i> , 2020, 10, 14841.	1.6	5
49	Magnetic Solid Phase Extraction Based on Nanostructured Magnetic Porous Porphyrin Organic Polymer for Simultaneous Extraction and Preconcentration of Neonicotinoid Insecticides From Surface Water. <i>Frontiers in Chemistry</i> , 2020, 8, 555847.	1.8	18
50	Assessment of bioavailability and mobility of major and trace elements in agricultural soils collected in Port St Johns, Eastern Cape, South Africa using single extraction procedures and pseudo-total digestion. <i>Journal of Environmental Health Science & Engineering</i> , 2020, 18, 1615-1628.	1.4	8
51	A Biodegradable Magnetic Nanocomposite as a Superabsorbent for the Simultaneous Removal of Selected Fluoroquinolones from Environmental Water Matrices: Isotherm, Kinetics, Thermodynamic Studies and Cost Analysis. <i>Polymers</i> , 2020, 12, 1102.	2.0	27
52	A green approach for enhancing the electrocatalytic activity and stability of NiFe ₂ O ₄ /CB nanospheres towards hydrogen production. <i>Renewable Energy</i> , 2020, 154, 704-714.	4.3	25
53	Preparation of ferric oxide-aluminium oxide carbon nanofiber nanocomposites for ultrasound-assisted dispersive magnetic solid phase extraction of 17-beta estradiol in wastewater. <i>Emerging Contaminants</i> , 2020, 6, 162-171.	2.2	15
54	Cytotoxic effects of novel solvothermal synthesised Ag-doped PEGylated WO ₃ sheet-like nanocomposites on MCF-7 human breast cancer cells. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	6

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55	Ultrasonic-Assisted Magnetic Solid-Phase Dispersive Extraction for Determination of Chlorpyrifos and Triclosan in Wastewater Samples prior to Liquid Chromatography Tandem Mass Spectrometry Detection. <i>Chromatographia</i> , 2020, 83, 373-383.	0.7	10
56	Determination of trace metals in vegetables and water samples using dispersive ultrasound-assisted cloud point-dispersive Au-solid phase extraction coupled with inductively coupled plasma optical emission spectrometry. <i>Food Chemistry</i> , 2020, 322, 126749.	4.2	39
57	Occurrence, quantification, and adsorptive removal of nodularin in seawater, wastewater and river water. <i>Toxicon</i> , 2020, 180, 18-27.	0.8	10
58	Amine-functionalized magnetic activated carbon as an adsorbent for preconcentration and determination of acidic drugs in environmental water samples using HPLC-DAD. <i>Open Chemistry</i> , 2020, 18, 1218-1229.	1.0	20
59	MoS ₂ @NiFe ₂ O ₄ /CB Hybrid As a Bifunctional Electrocatalyst for Water Splitting. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 1581-1581.	0.0	0
60	Factorial Design Optimisation of Solid Phase Extraction for Preconcentration of Parabens in Wastewater Using Ultra-High Performance Liquid Chromatography Triple Quadrupole Mass Spectrometry. <i>Current Analytical Chemistry</i> , 2020, 16, 436-446.	0.6	4
61	Recent Advances in the Application of Greener Solvents for Extraction, Recovery and Dissolution of Precious Metals and Rare Earth Elements from Different Matrices. <i>Nanotechnology in the Life Sciences</i> , 2020, , 299-309.	0.4	1
62	Application of response surface methodology for simultaneous removal of major cations from seawater using metal oxide nanostructures. <i>Water S A</i> , 2020, 46, .	0.2	0
63	Development of ultrasound-assisted dispersive solid-phase microextraction based on mesoporous carbon coated with silica@iron oxide nanocomposite for preconcentration of Te and Tl in natural water systems. <i>Open Chemistry</i> , 2020, 18, 412-425.	1.0	6
64	Application of response surface methodology for simultaneous removal of major cations from seawater using metal oxide nanostructures. <i>Water S A</i> , 2020, 46, .	0.2	3
65	Microwave-Assisted Extraction of Trace Metals from Sediments using Dilute Hydrogen Peroxide and Dilute Nitric Acid Prior to their Determination by Inductively Couple Plasma-Optical Emission Spectrometry. <i>Current Analytical Chemistry</i> , 2020, 16, 970-978.	0.6	4
66	Ultrasound-assisted dispersive solid phase nanoextraction of selected personal care products in wastewater followed by their determination using high performance liquid chromatography-diode array detector. <i>Journal of Hazardous Materials</i> , 2019, 370, 33-41.	6.5	16
67	Ultrasonic exfoliation of NiFe LDH/CB nanosheets for enhanced oxygen evolution catalysis. <i>Ultrasonics Sonochemistry</i> , 2019, 59, 104716.	3.8	60
68	Synthesized carbon nanodots for simultaneous extraction of personal care products and organophosphorus pesticides in wastewater samples prior to LC-MS/MS determination. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 6173-6187.	1.9	13
69	Uptake of trace elements by vegetable plants grown on agricultural soils: Evaluation of trace metal accumulation and potential health risk. <i>Journal of African Earth Sciences</i> , 2019, 160, 103635.	0.9	21
70	MgO-ZnO/carbon nanofiber nanocomposite as an adsorbent for ultrasound-assisted dispersive solid-phase microextraction of carbamazepine from wastewater prior to high-performance liquid chromatographic detection. <i>Journal of Analytical Science and Technology</i> , 2019, 10, .	1.0	27
71	Ultrasound-assisted magnetic solid phase extraction of lead and thallium in complex environmental samples using magnetic multi-walled carbon nanotubes/zeolite nanocomposite. <i>Microchemical Journal</i> , 2019, 149, 103960.	2.3	55
72	Application of Response Surface Methodology and Desirability Function in the Optimization of Adsorptive Remediation of Arsenic from Acid Mine Drainage Using Magnetic Nanocomposite: Equilibrium Studies and Application to Real Samples. <i>Molecules</i> , 2019, 24, 1792.	1.7	26

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73	Ultrasound Assisted Adsorptive Removal of Cr, Cu, Al, Ba, Zn, Ni, Mn, Co and Ti from Seawater Using Fe ₂ O ₃ -SiO ₂ -PAN Nanocomposite: Equilibrium Kinetics. Journal of Marine Science and Engineering, 2019, 7, 133.	1.2	15
74	Effective adsorptive removal of amoxicillin from aqueous solutions and wastewater samples using zinc oxide coated carbon nanofiber composite. Emerging Contaminants, 2019, 5, 143-149.	2.2	57
75	Development of a Rapid and Simple Digestion Method of Freshwater Sediments for As, Cd, Cr, Cu, Pb, Fe, and Zn Determination by Inductively Coupled Plasma-Optical Emission Spectroscopy (ICP-OES): An Evaluation of Dilute Nitric Acid. Soil and Sediment Contamination, 2019, 28, 323-333.	1.1	11
76	Application of waste tyre-based powdered activated carbon for the adsorptive removal of cylindrospermopsin toxins from environmental matrices: Optimization using response surface methodology and desirability function. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2019, 54, 679-685.	0.9	7
77	Quantification of TiO ₂ and ZnO nanoparticles in wastewater using inductively coupled plasma optical emission spectrometry. Toxicological and Environmental Chemistry, 2019, 101, 204-214.	0.6	2
78	Platinum-Based Carbon Nanodots Nanocatalysts for Direct Alcohol Fuel Cells. , 2019, , .		0
79	Novel Z-scheme Co ₃ O ₄ /WO ₃ nanocomposite performance in adsorption and photocatalytic degradation of ethylparaben and methylene blue in water. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2019, 10, 045018.	0.7	8
80	Synthesis and Application of Fe-Doped WO ₃ Nanoparticles for Photocatalytic Degradation of Methylparaben Using Visible Light Radiation and H ₂ O ₂ . Catalysis Letters, 2019, 149, 49-60.	1.4	16
81	Application of ultrasound-assisted cloud point extraction for preconcentration of antimony, tin and thallium in food and water samples prior to ICP-OES determination. Journal of Food Composition and Analysis, 2019, 76, 14-21.	1.9	41
82	Application of activated carbon-decorated polyacrylonitrile nanofibers as an adsorbent in dispersive solid-phase extraction of fluoroquinolones from wastewater. Journal of Pharmaceutical Analysis, 2019, 9, 117-126.	2.4	36
83	Adsorptive removal of lead from acid mine drainage using cobalt-methylimidazolate framework as an adsorbent: kinetics, isotherm, and regeneration. Environmental Science and Pollution Research, 2019, 26, 3330-3339.	2.7	29
84	Supramolecular Solvent Based Liquid-Liquid Microextraction for Preconcentration of Selected Fluoroquinolone Antibiotics in Environmental Water Sample Prior to High Performance Liquid Chromatographic Determination. Current Analytical Chemistry, 2019, 15, 607-615.	0.6	6
85	Adsorptive removal of microcystin-LR from surface and wastewater using tyre-based powdered activated carbon: Kinetics and isotherms. Toxicon, 2018, 145, 25-31.	0.8	35
86	Pt-Sn Nanoparticles Supported on Carbon Nanodots as Anode Catalysts for Alcohol Electrooxidation in Acidic Conditions. Electroanalysis, 2018, 30, 1125-1132.	1.5	19
87	Preparation of magnetic Fe ₃ O ₄ nanocomposites modified with MnO ₂ , Al ₂ O ₃ , Au and their application for preconcentration of arsenic in river water samples. Journal of Environmental Chemical Engineering, 2018, 6, 1673-1681.	3.3	24
88	Preparation and application of a tyre-based activated carbon solid phase extraction of heavy metals in wastewater samples. Physics and Chemistry of the Earth, 2018, 105, 161-169.	1.2	35
89	Environmentally friendly microwave-assisted sequential extraction method followed by ICP-OES and ion-chromatographic analysis for rapid determination of sulphur forms in coal samples. Talanta, 2018, 182, 567-573.	2.9	7
90	Preparation of V ₂ O ₅ -ZnO coated carbon nanofibers: Application for removal of selected antibiotics in environmental matrices. Journal of Water Process Engineering, 2018, 23, 50-60.	2.6	31

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91	Determination of thallium in water samples using inductively coupled plasma optical emission spectrometry (ICP-OES) after ultrasonic assisted-dispersive solid phase microextraction. <i>Microchemical Journal</i> , 2018, 137, 214-222.	2.3	48
92	Speciation Analysis of Inorganic Sb, Se and Te in Environmental Samples Using Modified TiO ₂ @MWCNTs Nanocomposite Packed Microcolumn prior to Hydride Generation-Inductively Coupled Plasma Optical Emission Spectrometry (HG-ICP-OES). , 2018, , 185-200.		0
93	Preparation and characterization of xanthan gum-cl-poly(acrylic acid)/o-MWCNTs hydrogel nanocomposite as highly effective re-usable adsorbent for removal of methylene blue from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2018, 513, 700-714.	5.0	154
94	Microwave assisted solid phase extraction for separation preconcentration sulfamethoxazole in wastewater using tyre based activated carbon as solid phase material prior to spectrophotometric determination. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 188, 341-348.	2.0	28
95	Application of Zâ€Scheme CdSWO₃ Nanocomposite for Photodegradation of Ethylparaben under Irradiation with Visible Light: A Combined Experimental and Theoretical Study. <i>ChemistrySelect</i> , 2018, 3, 9845-9856.	0.7	5
96	Multivariate-Assisted Solid Phase Extraction Procedure for Simultaneous Preconcentration and Assessment of UV-Filters in Wastewater Prior to UV-Vis Spectrophotometric Determination. , 2018, , .		1
97	Pt/CNDs-TiO ₂ electrocatalyst for direct alcohol fuel cells. <i>Materials Today: Proceedings</i> , 2018, 5, 10460-10469.	0.9	8
98	Bio-adsorbents for the Removal of Heavy Metals from Water. , 2018, , .		6
99	In-Syringe Micro Solid-Phase Extraction Method for the Separation and Preconcentration of Parabens in Environmental Water Samples. <i>Molecules</i> , 2018, 23, 1450.	1.7	26
100	Magnetic activated carbon@ iron oxide@manganese oxide composite as an adsorbent for preconcentration of microcystin â€LR in surface water, tap water, water and wastewater. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2018, 10, 199-205.	1.7	6
101	Ultrasound Assisted-Homogeneous Liquid-Liquid Phase Microextraction based on Deep Eutectic Solvents and Ethyl Acetate for Preconcentration of Selected Organochlorine Pesticides in Water Samples. <i>Eurasian Journal of Analytical Chemistry</i> , 2018, 13, .	0.4	6
102	Ultrasound assisted-ionic liquid-dispersive liquid-liquid microextraction for preconcentration of inorganic tellurium in environmental water samples prior to inductively coupled plasma â€ Optical emission spectrometry detection. <i>Journal of Molecular Liquids</i> , 2017, 231, 154-159.	2.3	20
103	Preconcentration and speciation of chromiumÂspecies using ICP-OES after ultrasound-assisted magnetic solid phase extraction with an amino-modified magnetic nanocomposite prepared from Fe ₃ O ₄ , MnO ₂ and Al ₂ O ₃ . <i>Mikrochimica Acta</i> , 2017, 184, 1223-1232.	2.5	45
104	Determination of antimony and tin in beverages using inductively coupled plasma-optical emission spectrometry after ultrasound-assisted ionic liquid dispersive liquid-liquid phase microextraction. <i>Food Chemistry</i> , 2017, 237, 904-911.	4.2	51
105	Application of waste tyre-based activated carbon for the removal of heavy metals in wastewater. <i>Cogent Engineering</i> , 2017, 4, 1330912.	1.1	51
106	A review on the efficacy of the application of myriad carbonaceous materials for the removal of toxic trace elements in the environment. <i>Trends in Environmental Analytical Chemistry</i> , 2017, 16, 24-31.	5.3	15
107	Fast microwave-assisted green synthesis of xanthan gum grafted acrylic acid for enhanced methylene blue dye removal from aqueous solution. <i>Carbohydrate Polymers</i> , 2017, 176, 315-326.	5.1	97
108	Rapid total sulphur reduction in coal samples using various dilute alkaline leaching reagents under microwave heating: preventing sulphur emissions during coal processing. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19852-19858.	2.7	8

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109	Determination of As, Cr, Mo, Sb, Se and V in agricultural soil samples by inductively coupled plasma optical emission spectrometry after simple and rapid solvent extraction using choline chloride-oxalic acid deep eutectic solvent. <i>Ecotoxicology and Environmental Safety</i> , 2017, 135, 152-157.	2.9	53
110	Recent Application of Solid Phase Based Techniques for Extraction and Preconcentration of Cyanotoxins in Environmental Matrices. <i>Critical Reviews in Analytical Chemistry</i> , 2017, 47, 119-126.	1.8	17
111	Synthesis, modification, characterization and application of AC@Fe ₂ O ₃ @MnO ₂ composite for ultrasound assisted dispersive solid phase microextraction of refractory metals in environmental samples. <i>Chemical Engineering Journal</i> , 2017, 308, 169-176.	6.6	37
112	Vortex assisted-supramolecular solvent based microextraction coupled with spectrophotometric determination of triclosan in environmental water samples. <i>Open Chemistry</i> , 2017, 15, 255-262.	1.0	17
113	Square Wave Anodic Stripping Voltammetry for Simultaneous Determination of Trace Hg (II) and Tl(I) in Surface Water Samples Using SnO ₂ @MWCNTs Modified Glassy Carbon Electrode. <i>International Journal of Electrochemical Science</i> , 2017, 12, 4811-4827.	0.5	16
114	Platinum Nanoparticles Supported on Carbon Nanodots as Anode Catalysts for Direct Alcohol Fuel Cells. <i>International Journal of Electrochemical Science</i> , 2017, 12, 6365-6378.	0.5	22
115	Nanoparticles consisting of magnetite and Al ₂ O ₃ for ligandless ultrasound-assisted dispersive solid phase microextraction of Sb, Mo and V prior to their determination by ICP-OES. <i>Mikrochimica Acta</i> , 2016, 183, 1289-1297.	2.5	34
116	Fractionation of trace elements in agricultural soils using ultrasound assisted sequential extraction prior to inductively coupled plasma mass spectrometric determination. <i>Chemosphere</i> , 2016, 154, 249-257.	4.2	78
117	An overview on analytical methods for quantitative determination of multi-element in coal samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 85, 107-116.	5.8	22
118	Speciation of inorganic selenium in environmental samples after suspended dispersive solid phase microextraction combined with inductively coupled plasma spectrometric determination. <i>Talanta</i> , 2016, 159, 174-180.	2.9	42
119	Current sample preparation methodologies for analysis of emerging pollutants in different environmental matrices. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 82, 199-207.	5.8	148
120	Magnetic iron-cobalt/silica nanocomposite as adsorbent in micro solid-phase extraction for preconcentration of arsenic in environmental samples. <i>Microchemical Journal</i> , 2016, 128, 242-247.	2.3	21
121	Evaluation of different microwave-assisted dilute acid extracting reagents on simultaneous coal desulphurization and demineralization. <i>Fuel</i> , 2016, 163, 189-195.	3.4	23
122	An innovative microwave-assisted digestion method with diluted hydrogen peroxide for rapid extraction of trace elements in coal samples followed by inductively coupled plasma-mass spectrometry. <i>Microchemical Journal</i> , 2016, 124, 201-208.	2.3	27
123	A rapid microwave-assisted acid extraction method based on the use of diluted HNO ₃ -H ₂ O ₂ followed by ICP-MS analysis for simultaneous determination of trace elements in coal samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2015, 95, 453-465.	1.8	14
124	Development of a novel and green microwave-assisted hydrogen peroxide digestion method for total sulphur quantitative extraction in coal samples prior to inductively coupled plasma-optical emission spectroscopy and ion-chromatography determination. <i>RSC Advances</i> , 2015, 5, 38931-38938.	1.7	15
125	Alumina-titania (Al ₂ O ₃ -TiO ₂) hollow fiber sorptive microextraction coupled to inductively coupled plasma mass spectrometry for determination of trace elements in diesel and gasoline samples. <i>RSC Advances</i> , 2015, 5, 72500-72507.	1.7	11
126	Hollow fiber solid phase microextraction coupled to square wave anodic stripping voltammetry for selective preconcentration and determination of trace levels of mercury in liquid fuel samples. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 2141-2147.	1.2	10

#	ARTICLE	IF	CITATIONS
127	Multivariate optimization of dual-bed solid phase extraction for preconcentration of Ag, Al, As and Cr in gasoline prior to inductively coupled plasma optical emission spectrometric determination. <i>Fuel</i> , 2015, 139, 285-291.	3.4	33
128	Evaluation of sample preparation methods for the detection of total metal content using inductively coupled plasma optical emission spectrometry (ICP-OES) in wastewater and sludge. <i>Physics and Chemistry of the Earth</i> , 2014, 76-78, 42-48.	1.2	26
129	Kinetics and Equilibrium Studies for the Removal of Cobalt, Manganese, and Silver in Ethanol using Dowex 50W-x8 Cation Exchange Resin. <i>Separation Science and Technology</i> , 2014, 49, 1848-1859.	1.3	14
130	Chemometric optimization of hollow fiber-liquid phase microextraction for preconcentration of trace elements in diesel and gasoline prior to their ICP-OES determination. <i>Microchemical Journal</i> , 2014, 114, 141-147.	2.3	35
131	Functionalized nanometer-sized alumina supported micro-solid phase extraction coupled to inductively coupled plasma mass spectrometry for preconcentration and determination of trace metal ions in gasoline samples. <i>RSC Advances</i> , 2014, 4, 46257-46264.	1.7	27
132	A single-step microwave-assisted acid extraction of total sulphur in coal samples followed by ICP-OES determination. <i>Analytical Methods</i> , 2014, 6, 8505-8512.	1.3	17
133	Determination of trace Cd, Cu, Fe, Pb and Zn in diesel and gasoline by inductively coupled plasma mass spectrometry after sample clean up with hollow fiber solid phase microextraction system. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 98, 54-59.	1.5	67
134	Pre-concentration of trace elements in short chain alcohols using different commercial cation exchange resins prior to inductively coupled plasma-optical emission spectrometric detection. <i>Analytica Chimica Acta</i> , 2013, 787, 78-86.	2.6	13
135	Preconcentration of molybdenum, antimony and vanadium in gasolsine samples using Dowex 1-x8 resin and their determination with inductively coupled plasma optical emission spectrometry. <i>Talanta</i> , 2013, 110, 153-159.	2.9	35
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138	Determination of selected persistent organic pollutants in wastewater from landfill leachates, using an amperometric biosensor. <i>Physics and Chemistry of the Earth</i> , 2012, 50-52, 252-261.	1.2	28
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140	Indirect Amperometric Determination of Selected Heavy Metals Based on Horseradish Peroxidase Modified Electrodes. , 0, , .		1
141	Near-Infrared Spectroscopy Combined with Multivariate Tools for Analysis of Trace Metals in Environmental Matrices. , 0, , .		0
142	Wastewater Treatment Using Membrane Technology. , 0, , .		33
143	Simultaneous removal of Na, Ca, K and Mg from synthetic brine and seawater using Fe ₂ O ₃ -SiO ₂ mixed oxide nanostructures: kinetics. , 0, 104, 206-216.		7