

Agnieszka Zgola-Grzeskowiak

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85
papers

1,902
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25
h-index

41
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88
ext. papers

2,211
ext. citations

5
avg, IF

5.53
L-index

#	Paper	IF	Citations
85	Dispersive liquid-liquid microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2011 , 30, 1382-1399	14.6	306
84	The effect of operational parameters on the biodegradation of bisphenols by <i>Trametes versicolor</i> laccase immobilized on <i>Hippospongia communis</i> spongin scaffolds. <i>Science of the Total Environment</i> , 2018 , 615, 784-795	10.2	109
83	Liquid-phase microextraction techniques based on ionic liquids for preconcentration and determination of metals. <i>TrAC - Trends in Analytical Chemistry</i> , 2014 , 61, 54-66	14.6	100
82	Determination of antioxidant activity, rutin, quercetin, phenolic acids and trace elements in tea infusions: Influence of citric acid addition on extraction of metals. <i>Journal of Food Composition and Analysis</i> , 2015 , 40, 70-77	4.1	72
81	Analytical methods applied for the characterization and the determination of bioactive compounds in coffee. <i>European Food Research and Technology</i> , 2015 , 240, 19-31	3.4	68
80	Dispersive liquid-liquid microextraction applied to isolation and concentration of alkylphenols and their short-chained ethoxylates in water samples. <i>Journal of Chromatography A</i> , 2010 , 1217, 1761-6	4.5	58
79	Potential health benefits and quality of dried fruits: Goji fruits, cranberries and raisins. <i>Food Chemistry</i> , 2017 , 221, 228-236	8.5	51
78	Robust biodegradation of naproxen and diclofenac by laccase immobilized using electrospun nanofibers with enhanced stability and reusability. <i>Materials Science and Engineering C</i> , 2019 , 103, 109789	8.3	45
77	Determination of nonylphenol and short-chained nonylphenol ethoxylates in drain water from an agricultural area. <i>Chemosphere</i> , 2009 , 75, 513-8	8.4	45
76	Comparison of biodegradation of poly(ethylene glycol)s and poly(propylene glycol)s. <i>Chemosphere</i> , 2006 , 64, 803-9	8.4	45
75	Analysis of Antioxidant Activity, Chlorogenic Acid, and Rutin Content of <i>Camellia sinensis</i> Infusions Using Response Surface Methodology Optimization. <i>Food Analytical Methods</i> , 2014 , 7, 2033-2041	3.4	43
74	Differences and dynamic changes in the cell surface properties of three <i>Pseudomonas aeruginosa</i> strains isolated from petroleum-polluted soil as a response to various carbon sources and the external addition of rhamnolipids. <i>Bioresource Technology</i> , 2011 , 102, 3028-33	11	42
73	Iron(III) phthalocyanine supported on a spongin scaffold as an advanced photocatalyst in a highly efficient removal process of halophenols and bisphenol A. <i>Journal of Hazardous Materials</i> , 2018 , 347, 78-88	12.8	41
72	Current approaches in sample preparation for trace analysis of selected endocrine-disrupting compounds: Focus on polychlorinated biphenyls, alkylphenols, and parabens. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 75, 209-226	14.6	41
71	Application of DLLME to Isolation and Concentration of Non-Steroidal Anti-Inflammatory Drugs in Environmental Water Samples. <i>Chromatographia</i> , 2010 , 72, 671-678	2.1	41
70	In situ metathesis ionic liquid formation dispersive liquid-liquid microextraction for copper determination in water samples by electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2013 , 115, 178-83	6.2	37
69	Influence of saponins on the biodegradation of halogenated phenols. <i>Ecotoxicology and Environmental Safety</i> , 2016 , 131, 127-34	7	35

68	Recent trends in microextraction techniques used in determination of arsenic species. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 105, 121-136	14.6	32
67	Isolation, preconcentration and determination of rhamnolipids in aqueous samples by dispersive liquid-liquid microextraction and liquid chromatography with tandem mass spectrometry. <i>Talanta</i> , 2011 , 83, 744-50	6.2	31
66	The performance of multicomponent oxide systems based on TiO ₂ , ZrO ₂ and SiO ₂ in the photocatalytic degradation of Rhodamine B: Mechanism and kinetic studies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 586, 124272	5.1	30
65	Biodiversity of soil bacteria exposed to sub-lethal concentrations of phosphonium-based ionic liquids: Effects of toxicity and biodegradation. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 147, 157-164	7.4	28
64	Influence of soil contamination with PAH on microbial community dynamics and expression level of genes responsible for biodegradation of PAH and production of rhamnolipids. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 23043-23056	5.1	28
63	Ionic liquids with a theophyllinate anion. <i>New Journal of Chemistry</i> , 2014 , 38, 3146-3153	3.6	26
62	Cistus incanus a promising herbal tea rich in bioactive compounds: LCMS/MS determination of catechins, flavonols, phenolic acids and alkaloids A comparison with Camellia sinensis, Rooibos and Hoan Ngoc herbal tea. <i>Journal of Food Composition and Analysis</i> , 2018 , 74, 71-81	4.1	26
61	Detection of bisphenol A, cumylphenol and parabens in surface waters of Greater Poland Voivodeship. <i>Journal of Environmental Management</i> , 2017 , 204, 50-60	7.9	25
60	Solid-phase extraction combined with dispersive liquid-liquid microextraction, fast derivatisation and high performance liquid chromatography-tandem mass spectrometry analysis for trace determination of short-chained dodecyl alcohol ethoxylates and dodecyl alcohol in environmental water samples. <i>Journal of Chromatography A</i> , 2012 , 1251, 40-47	4.5	24
59	Determination of Parabens in Polish River and Lake Water as a Function of Season. <i>Analytical Letters</i> , 2016 , 49, 1734-1747	2.2	23
58	Continuous Flow Methylene Blue Active Substances Method for the Determination of Anionic Surfactants in River Water and Biodegradation Test Samples. <i>Journal of Surfactants and Detergents</i> , 2014 , 17, 191-198	1.9	22
57	Biodegradation of Triton X-100 and its primary metabolites by a bacterial community isolated from activated sludge. <i>Journal of Environmental Management</i> , 2013 , 128, 292-9	7.9	21
56	Removal of Bisphenol A and Its Potential Substitutes by Biodegradation. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 191, 1100-1110	3.2	19
55	Comparison of methylxantines, trigonelline, nicotinic acid and nicotinamide contents in brews of green and processed Arabica and Robusta coffee beans Influence of steaming, decaffeination and roasting processes on coffee beans. <i>LWT - Food Science and Technology</i> , 2020 , 125, 109344	5.4	18
54	Application of dispersive liquid-liquid microextraction followed by HPLC-MS/MS for the trace determination of clotrimazole in environmental water samples. <i>Journal of Separation Science</i> , 2013 , 36, 2514-21	3.4	18
53	Determination of parabens in cosmetic products using high performance liquid chromatography with fluorescence detection. <i>Analytical Methods</i> , 2016 , 8, 3903-3909	3.2	18
52	Magnetic retrieval of ionic liquid formed during in situ metathesis dispersive liquid-liquid microextraction preconcentration of selected endocrine disrupting phenols from an enlarged sample volume. <i>Analytical Methods</i> , 2015 , 7, 1076-1084	3.2	17
51	Modification of surface and enzymatic properties of Achromobacter denitrificans and Stenotrophomonas maltophilia in association with diesel oil biodegradation enhanced with alkyl polyglucosides. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 111, 36-42	6	17

50	Saponaria officinalis L. extract: Surface active properties and impact on environmental bacterial strains. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 150, 209-215	6	16
49	The presence of bisphenol A in the thermal paper in the face of changing European regulations - A comparative global research. <i>Environmental Pollution</i> , 2020 , 265, 114879	9.3	16
48	Generation of volatile copper species after in situ ionic liquid formation dispersive liquid-liquid microextraction prior to atomic absorption spectrometric detection. <i>Talanta</i> , 2014 , 129, 254-62	6.2	16
47	Investigations on the biodegradation of alkylpolyglucosides by means of liquid chromatography-electrospray mass spectrometry. <i>Biodegradation</i> , 2008 , 19, 635-42	4.1	16
46	Determination of Glutamic Acid and Aspartic Acid in Tomato Juice by Capillary Isotachopheresis. <i>International Journal of Food Properties</i> , 2012 , 15, 628-637	3	14
45	Positive and negative aspects of green coffee consumption – antioxidant activity versus mycotoxins. <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 4022-4028	4.3	13
44	Persistence of selected ammonium- and phosphonium-based ionic liquids in urban park soil microcosms. <i>International Biodeterioration and Biodegradation</i> , 2015 , 103, 91-96	4.8	13
43	Nitrofurantoin-Microbial Degradation and Interactions with Environmental Bacterial Strains. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	12
42	Effect of Glucocon 215 on cell surface properties of <i>Pseudomonas stutzeri</i> and diesel oil biodegradation. <i>International Biodeterioration and Biodegradation</i> , 2015 , 104, 129-135	4.8	12
41	Bacterial properties changing under Triton X-100 presence in the diesel oil biodegradation systems: from surface and cellular changes to mono- and dioxygenases activities. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 4305-15	5.1	11
40	Biological impact of octyl d-glucopyranoside based surfactants. <i>Chemosphere</i> , 2019 , 217, 567-575	8.4	11
39	Isotachopheretic determination of carboxylic acids in biodegradation samples. <i>Journal of Chromatography A</i> , 2005 , 1068, 327-33	4.5	9
38	Quality assessment of goji fruits, cranberries, and raisins using selected markers. <i>European Food Research and Technology</i> , 2018 , 244, 2159-2168	3.4	8
37	Biodegradation and photo-Fenton degradation of bisphenol A, bisphenol S and fluconazole in water. <i>Environmental Pollution</i> , 2021 , 289, 117947	9.3	8
36	Determination of alkylphenols and their short-chained ethoxylates in Polish river waters. <i>International Journal of Environmental Analytical Chemistry</i> , 2011 , 91, 576-584	1.8	7
35	Bio-oxidation of tripropylene glycol under aerobic conditions. <i>Biodegradation</i> , 2008 , 19, 365-73	4.1	7
34	Bacterial Biodegradation of 4-Monohalogenated Diphenyl Ethers in One-Substrate and Co-Metabolic Systems. <i>Catalysts</i> , 2018 , 8, 472	4	7
33	Isolation of rhamnolipids-producing cultures from faeces: Influence of interspecies communication on the yield of rhamnolipid congeners. <i>New Biotechnology</i> , 2017 , 36, 17-25	6.4	6

32	Multidimensional Toxicity of Rhamnolipid Extracts Obtained From Creosote-Contaminated Soil. <i>Clean - Soil, Air, Water</i> , 2018 , 46, 1800053	1.6	6
31	Usage of Capillary Isotachopheresis and Antioxidant Capacity Measurement in Analysis of Changes in Coffee Properties After Roasting, Steaming and Decaffeination. <i>Food Analytical Methods</i> , 2017 , 10, 1245-1251	3.4	6
30	The use of a triple quadrupole linear ion trap mass spectrometer with electrospray ionisation for fragmentation studies of selected antifungal drugs. <i>Rapid Communications in Mass Spectrometry</i> , 2011 , 25, 3049-55	2.2	6
29	The Toxic Effect of Herbicidal Ionic Liquids on Biogas-Producing Microbial Community. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	5
28	Quantifying the Mineralization of ¹³ C-Labeled Cations and Anions Reveals Differences in Microbial Biodegradation of Herbicidal Ionic Liquids between Water and Soil. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 3412-3426	8.3	5
27	Development of a Dispersive Liquid-Liquid Microextraction Procedure for Biodegradation Studies on Nonylphenol Propoxylates Under Aerobic Conditions. <i>Journal of Surfactants and Detergents</i> , 2014 , 17, 111-120	1.9	5
26	Phthalocyanine-Grafted Titania Nanoparticles for Photodegradation of Ibuprofen. <i>Catalysts</i> , 2020 , 10, 1328	4	5
25	Determination of bisphenols and parabens in breast milk and dietary risk assessment for Polish breastfed infants. <i>Journal of Food Composition and Analysis</i> , 2021 , 98, 103839	4.1	5
24	Biodegradation of Nonylphenol Monopropoxyethoxylates. <i>Journal of Surfactants and Detergents</i> , 2015 , 18, 355-364	1.9	4
23	The Use of Polytetrafluoroethylene Multi-Capillary Trap Extraction for Isolation of Octylphenol and its Short-Chained Oxyethylates from the Water Matrix. <i>Journal of Chromatographic Science</i> , 2011 , 49, 46-50	1.4	4
22	Can Ergosterol Be an Indicator of Fusarium Fungi and Mycotoxins in Cereal Products?. <i>Journal of the Brazilian Chemical Society</i> , 2015 ,	1.5	4
21	Fragmentation studies of selected drugs utilized in palliative care. <i>European Journal of Mass Spectrometry</i> , 2018 , 24, 420-436	1.1	4
20	Azole fungicides: (Bio)degradation, transformation products and toxicity elucidation. <i>Science of the Total Environment</i> , 2022 , 802, 149917	10.2	4
19	Impact of Alkyl Polyglucosides Surfactant Lutensol GD 70 on Modification of Bacterial Cell Surface Properties. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 45	2.6	3
18	Biodegradation of Selected Endocrine Disrupting Compounds. <i>Methods in Pharmacology and Toxicology</i> , 2018 , 1-27	1.1	3
17	Development of novel thin-film solid-phase microextraction materials based on deep eutectic solvents for preconcentration of trace amounts of parabens in surface waters.. <i>Journal of Separation Science</i> , 2022 ,	3.4	3
16	Alkali Metal Cationization of Alkyl Glucosides under Electrospray Ionization Conditions. <i>Tenside, Surfactants, Detergents</i> , 2005 , 42, 226-228	1	3
15	Synthesis of Selected Mixed Oxide Materials with Tailored Photocatalytic Activity in the Degradation of Tetracycline. <i>Materials</i> , 2021 , 14,	3.5	3

14	Development of Poly(3,4-Ethylenedioxythiophene) (PEDOT) Electropolymerized Sorbent-Based Solid-Phase Microextraction (SPME) for the Determination of Parabens in Lake Waters by High-Performance Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS). <i>Analytical Letters</i> , 2021 , 54, 2452-2472	2.2	3
13	Environmental biodegradation of halophenols by activated sludge from two different sewage treatment plants. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2017 , 52, 1240-1246	2.3	2
12	Determination of cationic surfactants in soil samples by the disulphine blue active substance (DBAS) procedure. <i>Journal of Analytical Chemistry</i> , 2017 , 72, 745-750	1.1	2
11	Occurrence and dietary risk of bisphenols and parabens in raw and processed cow's milk. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2021 , 1-14 ²	2	2
10	Application of the electropolymerized poly(3,4-ethylenedioxythiophene) sorbent for solid-phase microextraction of bisphenols. <i>Analytical Methods</i> , 2020 , 12, 5068-5080	3.2	2
9	High-Performance Liquid Chromatography with Fluorescence Detection for the Determination of Capsaicin and Dihydrocapsaicin in Fat-Burning Dietary Supplements. <i>Analytical Letters</i> , 1-16	2.2	2
8	A new Iodobismuthate Method with a Low Volume Filtration Device as a New Tool for the Determination of Microgram Oxyethylate Amounts. <i>Tenside, Surfactants, Detergents</i> , 2015 , 52, 213-218	1	1
7	Comparison of Biodegradation of Nonylphenol Propoxylates with Usage of Two Different Sources of Activated Sludge. <i>Journal of Surfactants and Detergents</i> , 2014 , 17, 121-132	1.9	1
6	Nitrofurazone Removal from Water Enhanced by Coupling Photocatalysis and Biodegradation. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
5	Significance of the presence of antibiotics on the microbial consortium in wastewater - The case of nitrofurantoin and furazolidone. <i>Bioresource Technology</i> , 2021 , 339, 125577	11	1
4	A polydimethylsiloxane/deep eutectic solvent sol-gel thin film sorbent and its application to solid-phase microextraction of parabens.. <i>Analytica Chimica Acta</i> , 2022 , 1202, 339666	6.6	1
3	Simple modification of titanium(IV) oxide for the preparation of a reusable photocatalyst. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2022 , 276, 115559	3.1	0
2	Phenolic Compounds in Coffee and Tea Beverages. <i>Food Bioactive Ingredients</i> , 2021 , 31-81	0.2	
1	Deep Eutectic Solvent-Based Coating Sorbent for Preconcentration of Formaldehyde by Thin-Film Solid-Phase Microextraction Technique. <i>Processes</i> , 2022 , 10, 828	2.9	