

# Dimitra A Lambropoulou

## List of Publications by Year in descending order

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153  
papers

9,310  
citations

31976

53  
h-index

43889

91  
g-index

163  
all docs

163  
docs citations

163  
times ranked

9914  
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence and removal of transformation products of PPCPs and illicit drugs in wastewaters: A review. <i>Science of the Total Environment</i> , 2015, 505, 905-926.	8.0	478
2	Investigation of PPCPs in wastewater treatment plants in Greece: Occurrence, removal and environmental risk assessment. <i>Science of the Total Environment</i> , 2014, 466-467, 421-438.	8.0	435
3	The potential implications of reclaimed wastewater reuse for irrigation on the agricultural environment: The knowns and unknowns of the fate of antibiotics and antibiotic resistant bacteria and resistance genes – A review. <i>Water Research</i> , 2017, 123, 448-467.	11.3	400
4	Seasonal occurrence, removal, mass loading and environmental risk assessment of 55 pharmaceuticals and personal care products in a municipal wastewater treatment plant in Central Greece. <i>Science of the Total Environment</i> , 2016, 543, 547-569.	8.0	384
5	A review on advanced oxidation processes for the removal of taste and odor compounds from aqueous media. <i>Water Research</i> , 2014, 53, 215-234.	11.3	355
6	Occurrence and removal of PPCPs in municipal and hospital wastewaters in Greece. <i>Journal of Hazardous Materials</i> , 2010, 179, 804-817.	12.4	270
7	Liquid-phase micro-extraction techniques in pesticide residue analysis. <i>Journal of Proteomics</i> , 2007, 70, 195-228.	2.4	223
8	Literature update of analytical methods for biogenic amines determination in food and beverages. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 98, 128-142.	11.4	220
9	Methods of sample preparation for determination of pesticide residues in food matrices by chromatography and mass spectrometry-based techniques: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 1663-1683.	3.7	185
10	Poly(itaconic acid)-Grafted Chitosan Adsorbents with Different Cross-Linking for Pb(II) and Cd(II) Uptake. <i>Langmuir</i> , 2014, 30, 120-131.	3.5	164
11	Gas chromatographic determination of 2-hydroxy-4-methoxybenzophenone and octyldimethyl-p-aminobenzoic acid sunscreen agents in swimming pool and bathing waters by solid-phase microextraction. <i>Journal of Chromatography A</i> , 2002, 967, 243-253.	3.7	160
12	Removal of Reactive Red 195 from aqueous solutions by adsorption on the surface of TiO <sub>2</sub> nanoparticles. <i>Journal of Hazardous Materials</i> , 2009, 170, 836-844.	12.4	156
13	Recent developments in headspace microextraction techniques for the analysis of environmental contaminants in different matrices. <i>Journal of Chromatography A</i> , 2007, 1152, 70-96.	3.7	138
14	Application of hollow fiber liquid phase microextraction for the determination of insecticides in water. <i>Journal of Chromatography A</i> , 2005, 1072, 55-61.	3.7	136
15	Antiviral drugs in aquatic environment and wastewater treatment plants: A review on occurrence, fate, removal and ecotoxicity. <i>Science of the Total Environment</i> , 2020, 699, 134322.	8.0	136
16	Removal of beta-blockers from aqueous media by adsorption onto graphene oxide. <i>Science of the Total Environment</i> , 2015, 537, 411-420.	8.0	135
17	Optimization of headspace solid-phase microextraction conditions for the determination of organophosphorus insecticides in natural waters. <i>Journal of Chromatography A</i> , 2001, 922, 243-255.	3.7	127
18	Proposed transformation pathway and evolution profile of diclofenac and ibuprofen transformation products during (sono)photocatalysis. <i>Applied Catalysis B: Environmental</i> , 2014, 147, 1015-1027.	20.2	120

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19	ENVIRONMENTAL MONITORING AND ECOLOGICAL RISK ASSESSMENT FOR PESTICIDE CONTAMINATION AND EFFECTS IN LAKE PAMVOTIS, NORTHWESTERN GREECE. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 1548.	4.3	117
20	Natural polyphenols enhanced the Cu(II)/peroxymonosulfate (PMS) oxidation: The contribution of Cu(III) and HO•. <i>Water Research</i> , 2020, 186, 116326.	11.3	117
21	Single-drop microextraction for the analysis of organophosphorous insecticides in water. <i>Analytica Chimica Acta</i> , 2004, 516, 205-211.	5.4	111
22	Environmental friendly technology for the removal of pharmaceutical contaminants from wastewaters using modified chitosan adsorbents. <i>Chemical Engineering Journal</i> , 2013, 222, 248-258.	12.7	107
23	Structure and photocatalytic performance of TiO <sub>2</sub> /clay nanocomposites for the degradation of dimethachlor. <i>Applied Catalysis B: Environmental</i> , 2007, 73, 292-299.	20.2	104
24	Aqueous photolysis of the sunscreen agent octyl-dimethyl-p-aminobenzoic acid. <i>Journal of Chromatography A</i> , 2003, 1016, 211-222.	3.7	102
25	Aging effects on low- and high-density polyethylene, polypropylene and polystyrene under UV irradiation: An insight into decomposition mechanism by Py-GC/MS for microplastic analysis. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 158, 105207.	5.5	100
26	Antifouling paint booster biocide contamination in Greek marine sediments. <i>Chemosphere</i> , 2002, 48, 475-485.	8.2	96
27	Headspace solid-phase microextraction in combination with gas chromatography-mass spectrometry for the rapid screening of organophosphorus insecticide residues in strawberries and cherries. <i>Journal of Chromatography A</i> , 2003, 993, 197-203.	3.7	96
28	Structure and photocatalytic performance of magnetically separable titania photocatalysts for the degradation of propachlor. <i>Applied Catalysis B: Environmental</i> , 2009, 87, 181-189.	20.2	93
29	Comprehensive investigation of a wide range of pharmaceuticals and personal care products in urban and hospital wastewaters in Greece. <i>Science of the Total Environment</i> , 2019, 694, 133565.	8.0	87
30	Study of chlorothalonil photodegradation in natural waters and in the presence of humic substances. <i>Chemosphere</i> , 2002, 48, 939-945.	8.2	86
31	Degradation of venlafaxine using TiO <sub>2</sub> /UV process: Kinetic studies, RSM optimization, identification of transformation products and toxicity evaluation. <i>Journal of Hazardous Materials</i> , 2017, 323, 513-526.	12.4	86
32	Transformation products and reaction pathways of carbamazepine during photocatalytic and sonophotocatalytic treatment. <i>Journal of Hazardous Materials</i> , 2013, 263, 177-186.	12.4	84
33	Preparation of molecularly imprinted solid-phase microextraction fiber for the selective removal and extraction of the antiviral drug abacavir in environmental and biological matrices. <i>Analytica Chimica Acta</i> , 2016, 913, 63-75.	5.4	80
34	Application of solid-phase microextraction in the monitoring of priority pesticides in the Kalamas River (N.W. Greece). <i>Journal of Chromatography A</i> , 2002, 963, 107-116.	3.7	78
35	Growth rate effects, responses of antioxidant enzymes and metabolic fate of the herbicide Propanil in the aquatic plant <i>Lemna minor</i> . <i>Chemosphere</i> , 2006, 62, 275-284.	8.2	78
36	Direct solid phase microextraction combined with gas chromatography-mass spectrometry for the determination of biogenic amines in wine. <i>Talanta</i> , 2018, 183, 276-282.	5.5	78

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37	Survey for the occurrence of antifouling paint booster biocides in the aquatic environment of Greece. <i>Environmental Science and Pollution Research</i> , 2002, 9, 327-332.	5.3	77
38	Effect of catalyst type on molecular weight increase and coloration of poly(ethylene furanoate) biobased polyester during melt polycondensation. <i>Polymer Chemistry</i> , 2017, 8, 6895-6908.	3.9	76
39	Determination of fungicides in natural waters using solid-phase microextraction and gas chromatography coupled with electron-capture and mass spectrometric detection. <i>Journal of Chromatography A</i> , 2000, 893, 143-156.	3.7	75
40	Do poly(lactic acid) microplastics instigate a threat? A perception for their dynamic towards environmental pollution and toxicity. <i>Science of the Total Environment</i> , 2022, 832, 155014.	8.0	74
41	Removal of antibiotics in aqueous media by using new synthesized bio-based poly(ethylene Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	8.2	68
42	On the contribution of reclaimed wastewater irrigation to the potential exposure of humans to antibiotics, antibiotic resistant bacteria and antibiotic resistance genes " NEREUS COST Action ES1403 position paper. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 102131.	6.7	68
43	Headspace Solid Phase Microextraction Applied to the Analysis of Organophosphorus Insecticides in Strawberry and Cherry Juices. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 3359-3365.	5.2	67
44	Comprehensive study of the antidiabetic drug metformin and its transformation product guanylurea in Greek wastewaters. <i>Water Research</i> , 2015, 70, 436-448.	11.3	66
45	Formulation and In-Vitro Characterization of Chitosan-Nanoparticles Loaded with the Iron Chelator Deferoxamine Mesylate (DFO). <i>Pharmaceutics</i> , 2020, 12, 238.	4.5	65
46	Simultaneous polyhydroxyalkanoates and rhamnolipids production by <i>Thermus thermophilus</i> HB8. <i>AMB Express</i> , 2011, 1, 17.	3.0	61
47	Assessment of a wide array of organic micropollutants of emerging concern in wastewater treatment plants in Greece: Occurrence, removals, mass loading and potential risks. <i>Science of the Total Environment</i> , 2022, 802, 149860.	8.0	61
48	Determination of Bisphenols and Related Compounds in Honey and Their Migration from Selected Food Contact Materials. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 8866-8875.	5.2	60
49	Effectively designed molecularly imprinted polymers for selective isolation of the antidiabetic drug metformin and its transformation product guanylurea from aqueous media. <i>Analytica Chimica Acta</i> , 2015, 866, 27-40.	5.4	59
50	Photocatalytic removal of fluorouracil using TiO <sub>2</sub> -P25 and N/S doped TiO <sub>2</sub> catalysts: A kinetic and mechanistic study. <i>Science of the Total Environment</i> , 2017, 578, 257-267.	8.0	58
51	Adverse effects polystyrene microplastics exert on zebrafish heart" Molecular to individual level. <i>Journal of Hazardous Materials</i> , 2021, 416, 125969.	12.4	58
52	Validation of an SPME method, using PDMS, PA, PDMS-DVB, and CW-DVB SPME fiber coatings, for analysis of organophosphorus insecticides in natural waters. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 374, 932-941.	3.7	55
53	Novel pilot scale continuous photocatalytic membrane reactor for removal of organic micropollutants from water. <i>Chemical Engineering Journal</i> , 2016, 304, 335-343.	12.7	55
54	Study of the decomposition and detoxification of the herbicide bentazon by heterogeneous photocatalysis: Kinetics, intermediates and transformation pathways. <i>Applied Catalysis B: Environmental</i> , 2017, 200, 150-163.	20.2	54

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55	Photochemical degradation study of irgarol 1051 in natural waters: influence of humic and fulvic substances on the reaction. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2002, 147, 135-141.	3.9	53
56	Identification of photocatalytic degradation products of bezafibrate in TiO <sub>2</sub> aqueous suspensions by liquid and gas chromatography. <i>Journal of Chromatography A</i> , 2008, 1183, 38-48.	3.7	53
57	Photochemical oxidation of PPCPs using a combination of solar irradiation and free available chlorine. <i>Science of the Total Environment</i> , 2019, 682, 629-638.	8.0	52
58	Determination of organophosphorus insecticides in natural waters using SPE-disks and SPME followed by GC/FTD and GC/MS. <i>Fresenius' Journal of Analytical Chemistry</i> , 2000, 368, 616-623.	1.5	50
59	Accumulation profiles of persistent organochlorines in liver and fat tissues of various waterbird species from Greece. <i>Chemosphere</i> , 2006, 63, 1392-1409.	8.2	50
60	Adsorption and photocatalysis of nanocrystalline TiO <sub>2</sub> particles for Reactive Red 195 removal: effect of humic acids, anions and scavengers. <i>Environmental Science and Pollution Research</i> , 2015, 22, 16514-16524.	5.3	50
61	Application of solvent microextraction in a single drop for the determination of new antifouling agents in waters. <i>Journal of Chromatography A</i> , 2004, 1049, 17-23.	3.7	49
62	Determination of the fungicides vinclozolin and dicloran in soils using ultrasonic extraction coupled with solid-phase microextraction. <i>Analytica Chimica Acta</i> , 2004, 514, 125-130.	5.4	48
63	Making Waves: Collaboration in the time of SARS-CoV-2 - rapid development of an international co-operation and wastewater surveillance database to support public health decision-making. <i>Water Research</i> , 2021, 199, 117167.	11.3	48
64	Evaluation of an alternative method for wastewater treatment containing pesticides using solar photocatalytic oxidation and constructed wetlands. <i>Journal of Environmental Management</i> , 2017, 195, 133-139.	7.8	47
65	Photocatalytic degradation of a mixture of eight antibiotics using Cu-modified TiO <sub>2</sub> photocatalysts: Kinetics, mineralization, antimicrobial activity elimination and disinfection. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105295.	6.7	47
66	Effect of humic acid on pharmaceuticals adsorption using sulfonic acid grafted chitosan. <i>Journal of Molecular Liquids</i> , 2017, 230, 1-5.	4.9	44
67	Differentiation in the expression of toxic effects of polyethylene-microplastics on two freshwater fish species: Size matters. <i>Science of the Total Environment</i> , 2022, 830, 154603.	8.0	44
68	Sample pretreatment method for the determination of polychlorinated biphenyls in bird livers using ultrasonic extraction followed by headspace solid-phase microextraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1124, 97-105.	3.7	43
69	Chitosan Grafted Adsorbents for Diclofenac Pharmaceutical Compound Removal from Single-Component Aqueous Solutions and Mixtures. <i>Polymers</i> , 2019, 11, 497.	4.5	43
70	Synthesis and characterization of modified carrageenan microparticles for the removal of pharmaceuticals from aqueous solutions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 127, 256-265.	5.0	41
71	Persistent Organochlorine Contaminants in Liver and Fat of Birds of Prey from Greece. <i>Archives of Environmental Contamination and Toxicology</i> , 2006, 50, 603-613.	4.1	39
72	Photocatalytic degradation of the fungicide Fenhexamid in aqueous TiO <sub>2</sub> suspensions: Identification of intermediates products and reaction pathways. <i>Chemosphere</i> , 2011, 83, 367-378.	8.2	39

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73	Occurrences, sources, and transport of organochlorine pesticides in the aquatic environment of Antarctica. <i>Science of the Total Environment</i> , 2020, 735, 139475.	8.0	38
74	Application of solid-phase microextraction for monitoring the photocatalytic decomposition of fenthion and parathion in aqueous TiO <sub>2</sub> suspensions. <i>Analytica Chimica Acta</i> , 2002, 467, 233-243.	5.4	35
75	Photo-Fenton and Fenton-like processes for the treatment of the antineoplastic drug 5-fluorouracil under simulated solar radiation. <i>Environmental Science and Pollution Research</i> , 2017, 24, 4791-4800.	5.3	35
76	Analysis of antifouling biocides Irgarol 1051 and Sea Nine 211 in environmental water samples using solid-phase microextraction and gas chromatography. <i>Journal of Chromatography A</i> , 2002, 952, 215-227.	3.7	34
77	Photocatalytic degradation of Reactive Red 195 using anatase/brookite TiO <sub>2</sub> mesoporous nanoparticles: Optimization using response surface methodology (RSM) and kinetics studies. <i>Environmental Science and Pollution Research</i> , 2013, 20, 2305-2320.	5.3	34
78	Cytarabine degradation by simulated solar assisted photocatalysis using TiO <sub>2</sub> . <i>Chemical Engineering Journal</i> , 2017, 316, 823-831.	12.7	33
79	Toxicity and Functional Tissue Responses of Two Freshwater Fish after Exposure to Polystyrene Microplastics. <i>Toxics</i> , 2021, 9, 289.	3.7	33
80	Sensitive trace enrichment of environmental androgen vinclozolin from natural waters and sediment samples using hollow-fiber liquid-phase microextraction. <i>Journal of Chromatography A</i> , 2004, 1061, 11-18.	3.7	31
81	Cold Crystallization Kinetics and Thermal Degradation of PLA Composites with Metal Oxide Nanofillers. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3004.	2.5	31
82	Incorporation of Metal-Based Nanoadditives into the PLA Matrix: Effect of Surface Properties on Antibacterial Activity and Mechanical Performance of PLA Nanoadditive Films. <i>Molecules</i> , 2021, 26, 4161.	3.8	29
83	Overarching issues on relevant pesticide transformation products in the aquatic environment: A review. <i>Science of the Total Environment</i> , 2022, 815, 152863.	8.0	29
84	Gas chromatographic-mass spectrometric methodology using solid-phase microextraction for the multiresidue determination of pesticides in surface waters. <i>International Journal of Environmental Analytical Chemistry</i> , 2004, 84, 1079-1092.	3.3	28
85	Assessment of the toxic potential of rainwater precipitation: First evidence from a case study in three Greek cities. <i>Science of the Total Environment</i> , 2019, 648, 1323-1332.	8.0	27
86	Photolysis and photocatalysis of the non-steroidal anti-inflammatory drug Nimesulide under simulated solar irradiation: Kinetic studies, transformation products and toxicity assessment. <i>Science of the Total Environment</i> , 2019, 689, 245-257.	8.0	27
87	Biobased Poly(ethylene furanoate) Polyester/TiO <sub>2</sub> Supported Nanocomposites as Effective Photocatalysts for Anti-inflammatory/Analgesic Drugs. <i>Molecules</i> , 2019, 24, 564.	3.8	27
88	New insights into transformation pathways of a mixture of cytostatic drugs using Polyester-TiO <sub>2</sub> films: Identification of intermediates and toxicity assessment. <i>Science of the Total Environment</i> , 2020, 741, 140394.	8.0	27
89	Chitosan Adsorbent Derivatives for Pharmaceuticals Removal from Effluents: A Review. <i>Macromol</i> , 2021, 1, 130-154.	4.4	27
90	Sample preparation optimization by central composite design for multi class determination of 172 emerging contaminants in wastewaters and tap water using liquid chromatography high-resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1652, 462369.	3.7	26

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91	Microplastics in the environment: Sampling, pretreatment, analysis and occurrence based on current and newly-exploited chromatographic approaches. <i>Science of the Total Environment</i> , 2021, 794, 148725.	8.0	26
92	Analysis, occurrence, fate and risks of proton pump inhibitors, their metabolites and transformation products in aquatic environment: A review. <i>Science of the Total Environment</i> , 2016, 569-570, 732-750.	8.0	25
93	Stability, biological treatment and UV photolysis of 18 bisphenols under laboratory conditions. <i>Environmental Research</i> , 2019, 179, 108738.	7.5	25
94	Analytical strategies for the determination of antiviral drugs in the aquatic environment. <i>Trends in Environmental Analytical Chemistry</i> , 2019, 24, e00071.	10.3	25
95	Headspace solid phase microextraction for the analysis of the new antifouling agents Irgarol 1051 and Sea Nine 211 in natural waters. <i>Analytica Chimica Acta</i> , 2002, 468, 171-180.	5.4	24
96	Investigation of the catalytic activity and reaction kinetic modeling of two antimony catalysts in the synthesis of poly(ethylene furanoate). <i>Green Chemistry</i> , 2021, 23, 2507-2524.	9.0	24
97	Pharmaceuticals and other contaminants of emerging concern in Admiralty Bay as a result of untreated wastewater discharge: Status and possible environmental consequences. <i>Science of the Total Environment</i> , 2022, 835, 155400.	8.0	24
98	Determination of antifouling compounds in marine sediments by solid-phase microextraction coupled to gas chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2003, 1010, 1-8.	3.7	23
99	Photocatalytic degradation of the herbicide clopyralid: kinetics, degradation pathways and ecotoxicity evaluation. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 2510-2518.	3.2	23
100	The dynamics of the pharmaceutical and personal care product interactive capacity under the effect of artificial enrichment of soil with heavy metals and of wastewater reuse. <i>Science of the Total Environment</i> , 2019, 662, 537-546.	8.0	23
101	A comparative study on the photo-catalytic degradation of Cytarabine anticancer drug under Fe <sup>3+</sup> /H <sub>2</sub> O <sub>2</sub> , Fe <sup>3+</sup> /S <sub>2</sub> O <sub>8</sub> <sup>2-</sup> , and [Fe(C <sub>2</sub> O <sub>4</sub> ) <sub>3</sub> ] <sup>3-</sup> /H <sub>2</sub> O <sub>2</sub> processes. Kinetics, identification, and in silico toxicity assessment of generated transformation products. <i>Environmental Science and Pollution Research</i> , 2019, 26, 7772-7784.	5.3	23
102	Investigation of pharmaceutical and personal care product interactions of soil and beets (Beta) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	8.2	23
103	Insights into Biodegradable Polymer-Supported Titanium Dioxide Photocatalysts for Environmental Remediation. <i>Macromol</i> , 2021, 1, 201-233.	4.4	23
104	Chitosan Grafted with Biobased 5-Hydroxymethyl-Furfural as Adsorbent for Copper and Cadmium Ions Removal. <i>Polymers</i> , 2020, 12, 1173.	4.5	23
105	Decomposition and detoxification of the insecticide thiacloprid by TiO <sub>2</sub> -mediated photocatalysis: kinetics, intermediate products and transformation pathways. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 2475-2486.	3.2	22
106	Adsorption of Uranium, Mercury, and Rare Earth Elements from Aqueous Solutions onto Magnetic Chitosan Adsorbents: A Review. <i>Polymers</i> , 2021, 13, 3137.	4.5	22
107	Mineralization of the antineoplastic drug carboplatin by heterogeneous photocatalysis with simultaneous synthesis of platinum-modified TiO <sub>2</sub> catalysts. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 2409-2416.	6.7	21
108	Adsorption Evaluation for the Removal of Nickel, Mercury, and Barium Ions from Single-Component and Mixtures of Aqueous Solutions by Using an Optimized Biobased Chitosan Derivative. <i>Polymers</i> , 2021, 13, 232.	4.5	21

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109	Simultaneous removal of anti-inflammatory pharmaceutical compounds from an aqueous mixture with adsorption onto chitosan zwitterionic derivative. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 619, 126498.	4.7	21
110	Innovative Skin Product Emulsions with Enhanced Antioxidant, Antimicrobial and UV Protection Properties Containing Nanoparticles of Pure and Modified Chitosan with Encapsulated Fresh Pomegranate Juice. <i>Polymers</i> , 2020, 12, 1542.	4.5	20
111	Exploring the phototransformation and assessing the in vitro and in silico toxicity of a mixture of pharmaceuticals susceptible to photolysis. <i>Science of the Total Environment</i> , 2021, 756, 144079.	8.0	20
112	Thermal Stability and Decomposition Mechanism of PLA Nanocomposites with Kraft Lignin and Tannin. <i>Polymers</i> , 2021, 13, 2818.	4.5	19
113	Assessment of the Water and Habitat Quality of a Mediterranean River (Kalamas, Epirus, Hellas), in Accordance with the EU Water Framework Directive. <i>Clean - Soil, Air, Water</i> , 2004, 32, 175-188.	0.6	17
114	Coupling of headspace solid phase microextraction with ultrasonic extraction for the determination of chlorinated pesticides in bird livers using gas chromatography. <i>Analytica Chimica Acta</i> , 2006, 573-574, 223-230.	5.4	17
115	Comparison of the performance of analytical methods based on solid-phase extraction and on solid-phase microextraction for the determination of antifouling booster biocides in natural waters. <i>Chromatographia</i> , 2002, 56, 745-751.	1.3	16
116	Photochemical transformation and wastewater fate and occurrence of omeprazole: HRMS for elucidation of transformation products and target and suspect screening analysis in wastewaters. <i>Science of the Total Environment</i> , 2017, 590-591, 592-601.	8.0	16
117	Development of Novel Polymer Supported Nanocomposite GO/TiO <sub>2</sub> Films, Based on poly(L-lactic acid) for Photocatalytic Applications. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2368.	2.5	16
118	High-resolution mass spectrometry-based strategies for the target analysis and suspect screening of per- and polyfluoroalkyl substances in aqueous matrices. <i>Microchemical Journal</i> , 2022, 179, 107457.	4.5	16
119	Levels, sources and spatiotemporal variation of nutrients and micropollutants in small streams of a Mediterranean River basin. <i>Journal of Environmental Monitoring</i> , 2011, 13, 3064.	2.1	15
120	Homogeneous photocatalytic oxidation of UV filter para-aminobenzoic acid in aqueous solutions. <i>Environmental Science and Pollution Research</i> , 2017, 24, 1113-1121.	5.3	14
121	Oxygen evolution at IrO <sub>2</sub> -modified Ti anodes prepared by a simple galvanic deposition method. <i>Journal of Electroanalytical Chemistry</i> , 2019, 855, 113485.	3.8	14
122	Novel Isocyanate-Modified Carrageenan Polymer Materials: Preparation, Characterization and Application Adsorbent Materials of Pharmaceuticals. <i>Polymers</i> , 2017, 9, 595.	4.5	13
123	Insights into the toxicity of biomaterials microparticles with a combination of cellular and oxidative biomarkers. <i>Journal of Hazardous Materials</i> , 2021, 413, 125335.	12.4	13
124	Application of solid-phase microextraction (spme) for photocatalytic studies of fenitrothion and methyl parathion in aqueous TiO <sub>2</sub> suspensions. <i>International Journal of Environmental Analytical Chemistry</i> , 2004, 84, 161-172.	3.3	12
125	Quality by design optimization of a liquid chromatographic-tandem mass spectrometric method for the simultaneous analysis of structurally heterogeneous pharmaceutical compounds and its application to the rapid screening in wastewater and surface water samples by large volume direct injection. <i>Journal of Chromatography A</i> , 2021, 1649, 462225.	3.7	12
126	Factors Affecting Multiresidue Determination of Priority Herbicides when Using Solid-Phase Microextraction. <i>Journal of AOAC INTERNATIONAL</i> , 2002, 85, 486-493.	1.5	11



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127	Application of solvent microextraction in a single drop for the determination of new antifouling agents in waters. <i>Journal of Chromatography A</i> , 2004, 1049, 17-23.	3.7	10
128	Two important limitations relating to the spiking of environmental samples with contaminants of emerging concern: How close to the real analyte concentrations are the reported recovered values?. <i>Environmental Science and Pollution Research</i> , 2017, 24, 15202-15205.	5.3	9
129	Synthesis of Dacus Pheromone, 1,7-Dioxaspiro[5.5]Undecane and Its Encapsulation in PLLA Microspheres for Their Potential Use as Controlled Release Devices. <i>Agronomy</i> , 2020, 10, 1053.	3.0	9
130	Problems and Challenges to Determine Pesticide Residues in Bumblebees. <i>Critical Reviews in Analytical Chemistry</i> , 2018, 48, 447-458.	3.5	8
131	Thermal Stability and Decomposition Mechanism of Poly(alkylene succinate)s. <i>Macromol</i> , 2022, 2, 58-77.	4.4	8
132	Distribution and temporal variability of uranium and toxic metal(loid)s in snow and rainwater from an oil industry and urban area in Thessaloniki-Greece. <i>Science of the Total Environment</i> , 2022, 838, 155604.	8.0	8
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