

Dimitra A Lambropoulou

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

160 papers	6,788 citations	45 h-index	79 g-index
163 ext. papers	7,895 ext. citations	7.1 avg, IF	6.39 L-index

#	Paper	IF	Citations
160	Occurrence and removal of transformation products of PPCPs and illicit drugs in wastewaters: a review. <i>Science of the Total Environment</i> , 2015 , 505, 905-26	10.2	389
159	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, 421-38	10.2	358
158	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	10.2	288
157	A review on advanced oxidation processes for the removal of taste and odor compounds from aqueous media. <i>Water Research</i> , 2014 , 53, 215-34	12.5	267
156	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	12.5	251
155	Occurrence and removal of PPCPs in municipal and hospital wastewaters in Greece. <i>Journal of Hazardous Materials</i> , 2010 , 179, 804-17	12.8	220
154	Liquid-phase micro-extraction techniques in pesticide residue analysis. <i>Journal of Proteomics</i> , 2007 , 70, 195-228		209
153	Methods of sample preparation for determination of pesticide residues in food matrices by chromatography-mass spectrometry-based techniques: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 389, 1663-83	4.4	161
152	Literature update of analytical methods for biogenic amines determination in food and beverages. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 98, 128-142	14.6	148
151	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, 243-53	4.5	146
150	Poly(itaconic acid)-grafted chitosan adsorbents with different cross-linking for Pb(II) and Cd(II) uptake. <i>Langmuir</i> , 2014 , 30, 120-31	4	135
149	Removal of Reactive Red 195 from aqueous solutions by adsorption on the surface of TiO ₂ nanoparticles. <i>Journal of Hazardous Materials</i> , 2009 , 170, 836-44	12.8	134
148	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	4.5	125
147	Application of hollow fiber liquid phase microextraction for the determination of insecticides in water. <i>Journal of Chromatography A</i> , 2005 , 1072, 55-61	4.5	123
146	Optimization of headspace solid-phase microextraction conditions for the determination of organophosphorus insecticides in natural waters. <i>Journal of Chromatography A</i> , 2001 , 922, 243-55	4.5	116
145	Removal of beta-blockers from aqueous media by adsorption onto graphene oxide. <i>Science of the Total Environment</i> , 2015 , 537, 411-20	10.2	106
144	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	21.8	102

143	Single-drop microextraction for the analysis of organophosphorous insecticides in water. <i>Analytica Chimica Acta</i> , 2004 , 516, 205-211	6.6	102
142	Structure and photocatalytic performance of TiO ₂ /clay nanocomposites for the degradation of dimethachlor. <i>Applied Catalysis B: Environmental</i> , 2007 , 73, 292-299	21.8	96
141	Environmental monitoring and ecological risk assessment for pesticide contamination and effects in Lake Pamvotis, northwestern Greece. <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 1548-56	3.8	95
140	Structure and photocatalytic performance of magnetically separable titania photocatalysts for the degradation of propachlor. <i>Applied Catalysis B: Environmental</i> , 2009 , 87, 181-189	21.8	90
139	Aqueous photolysis of the sunscreen agent octyl-dimethyl-p-aminobenzoic acid. Formation of disinfection byproducts in chlorinated swimming pool water. <i>Journal of Chromatography A</i> , 2003 , 1016, 211-22	4.5	90
138	Environmental friendly technology for the removal of pharmaceutical contaminants from wastewaters using modified chitosan adsorbents. <i>Chemical Engineering Journal</i> , 2013 , 222, 248-258	14.7	87
137	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	4.5	84
136	Antifouling paint booster biocide contamination in Greek marine sediments. <i>Chemosphere</i> , 2002 , 48, 475-85	8.4	82
135	Study of chlorothalonil photodegradation in natural waters and in the presence of humic substances. <i>Chemosphere</i> , 2002 , 48, 939-45	8.4	77
134	Transformation products and reaction pathways of carbamazepine during photocatalytic and sonophotocatalytic treatment. <i>Journal of Hazardous Materials</i> , 2013 , 263 Pt 1, 177-86	12.8	72
133	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, 107-16	4.5	72
132	Survey for the occurrence of antifouling paint booster biocides in the aquatic environment of Greece. <i>Environmental Science and Pollution Research</i> , 2002 , 9, 327-32	5.1	68
131	Growth rate effects, responses of antioxidant enzymes and metabolic fate of the herbicide Propanil in the aquatic plant Lemna minor. <i>Chemosphere</i> , 2006 , 62, 275-84	8.4	67
130	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, 143-56	4.5	66
129	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	10.2	66
128	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	6.6	64
127	Degradation of venlafaxine using TiO ₂ /UV process: Kinetic studies, RSM optimization, identification of transformation products and toxicity evaluation. <i>Journal of Hazardous Materials</i> , 2017 , 323, 513-526	12.8	60
126	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, 3359-65	5.7	58

125	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	6.2	56
124	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	4.9	54
123	Comprehensive study of the antidiabetic drug metformin and its transformation product guanyurea in Greek wastewaters. <i>Water Research</i> , 2015 , 70, 436-48	12.5	53
122	Effectively designed molecularly imprinted polymers for selective isolation of the antidiabetic drug metformin and its transformation product guanyurea from aqueous media. <i>Analytica Chimica Acta</i> , 2015 , 866, 27-40	6.6	50
121	Removal of antibiotics in aqueous media by using new synthesized bio-based poly(ethylene terephthalate)-TiO photocatalysts. <i>Chemosphere</i> , 2019 , 234, 746-755	8.4	47
120	Simultaneous polyhydroxyalkanoates and rhamnolipids production by <i>Thermus thermophilus</i> HB8. <i>AMB Express</i> , 2011 , 1, 17	4.1	47
119	Identification of photocatalytic degradation products of bezafibrate in TiO(2) aqueous suspensions by liquid and gas chromatography. <i>Journal of Chromatography A</i> , 2008 , 1183, 38-48	4.5	47
118	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	4.7	46
117	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	10.2	45
116	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, 932-41	4.4	45
115	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	4.5	45
114	On the contribution of reclaimed wastewater irrigation to the potential exposure of humans to antibiotics, antibiotic resistant bacteria and antibiotic resistance genes INEREUS COST Action ES1403 position paper. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 102131	6.8	44
113	Photocatalytical removal of fluorouracil using TiO-P25 and N/S doped TiO catalysts: A kinetic and mechanistic study. <i>Science of the Total Environment</i> , 2017 , 578, 257-267	10.2	43
112	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, 616-23		43
111	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	5.7	42
110	Natural polyphenols enhanced the Cu(II)/peroxymonosulfate (PMS) oxidation: The contribution of Cu(III) and HO. <i>Water Research</i> , 2020 , 186, 116326	12.5	41
109	Adsorption and photocatalysis of nanocrystalline TiO2 particles for Reactive Red 195 removal: effect of humic acids, anions and scavengers. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 16514-24	5.1	40
108	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	6.6	40

107	Accumulation profiles of persistent organochlorines in liver and fat tissues of various waterbird species from Greece. <i>Chemosphere</i> , 2006 , 63, 1392-409	8.4	39
106	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	21.8	38
105	Novel pilot scale continuous photocatalytic membrane reactor for removal of organic micropollutants from water. <i>Chemical Engineering Journal</i> , 2016 , 304, 335-343	14.7	38
104	Photocatalytic degradation of the fungicide Fenhexamid in aqueous TiO ₂ suspensions: identification of intermediates products and reaction pathways. <i>Chemosphere</i> , 2011 , 83, 367-78	8.4	36
103	Synthesis and characterization of modified carrageenan microparticles for the removal of pharmaceuticals from aqueous solutions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 127, 256-65	6	35
102	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	4.5	35
101	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	7.9	34
100	Persistent organochlorine contaminants in liver and fat of birds of prey from Greece. <i>Archives of Environmental Contamination and Toxicology</i> , 2006 , 50, 603-13	3.2	33
99	Formulation and In-Vitro Characterization of Chitosan-Nanoparticles Loaded with the Iron Chelator Deferoxamine Mesylate (DFO). <i>Pharmaceutics</i> , 2020 , 12,	6.4	31
98	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, 215-27	4.5	31
97	Effect of humic acid on pharmaceuticals adsorption using sulfonic acid grafted chitosan. <i>Journal of Molecular Liquids</i> , 2017 , 230, 1-5	6	30
96	Photocatalytic degradation of Reactive Red 195 using anatase/brookite TiO ₂ mesoporous nanoparticles: optimization using response surface methodology (RSM) and kinetics studies. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 2305-20	5.1	30
95	Sensitive trace enrichment of environmental androstenone and androstadienone from natural waters and sediment samples using hollow-fiber liquid-phase microextraction. <i>Journal of Chromatography A</i> , 2004 , 1061, 11-8	4.5	30
94	Application of solid-phase microextraction for monitoring the photocatalytic decomposition of fenthion and parathion in aqueous TiO ₂ suspensions. <i>Analytica Chimica Acta</i> , 2002 , 467, 233-243	6.6	30
93	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	5.1	28
92	Cytarabine degradation by simulated solar assisted photocatalysis using TiO ₂ . <i>Chemical Engineering Journal</i> , 2017 , 316, 823-831	14.7	27
91	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	10.2	26
90	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	12.5	24

89	Chitosan Grafted Adsorbents for Diclofenac Pharmaceutical Compound Removal from Single-Component Aqueous Solutions and Mixtures. <i>Polymers</i> , 2019 , 11,	4.5	23
88	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	1.8	22
87	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	10.2	21
86	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	6.6	20
85	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	4.5	20
84	Stability, biological treatment and UV photolysis of 18 bisphenols under laboratory conditions. <i>Environmental Research</i> , 2019 , 179, 108738	7.9	19
83	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	10.2	17
82	Biobased Poly(ethylene furanoate) Polyester/TiO ₂ -Supported Nanocomposites as Effective Photocatalysts for Anti-inflammatory/Analgesic Drugs. <i>Molecules</i> , 2019 , 24,	4.8	17
81	Mineralization of the antineoplastic drug carboplatin by heterogeneous photocatalysis with simultaneous synthesis of platinum-modified TiO ₂ catalysts. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 2409-2416	6.8	17
80	Photocatalytic degradation of the herbicide clopyralid: kinetics, degradation pathways and ecotoxicity evaluation. <i>Journal of Chemical Technology and Biotechnology</i> , 2016 , 91, 2510-2518	3.5	17
79	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	6	17
78	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	10.2	16
77	Adverse effects polystyrene microplastics exert on zebrafish heart—Molecular to individual level. <i>Journal of Hazardous Materials</i> , 2021 , 416, 125969	12.8	16
76	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	10.2	16
75	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	10.2	15
74	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		15
73	Chitosan Grafted with Biobased 5-Hydroxymethyl-Furfural as Adsorbent for Copper and Cadmium Ions Removal. <i>Polymers</i> , 2020 , 12,	4.5	15
72	Occurrences, sources, and transport of organochlorine pesticides in the aquatic environment of Antarctica. <i>Science of the Total Environment</i> , 2020 , 735, 139475	10.2	15

71	Investigation of pharmaceutical and personal care product interactions of soil and beets (<i>Beta vulgaris</i> L.) under the effect of wastewater reuse. <i>Chemosphere</i> , 2020 , 238, 124553	8.4	15
70	A comparative study on the photo-catalytic degradation of Cytarabine anticancer drug under FeHO, FeSO, and [Fe(CO)]/HO processes. Kinetics, identification, and in silico toxicity assessment of generated transformation products. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 7772-7784	5.1	14
69	New insights into transformation pathways of a mixture of cytostatic drugs using Polyester-TiO films: Identification of intermediates and toxicity assessment. <i>Science of the Total Environment</i> , 2020 , 741, 140394	10.2	14
68	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, 3064-74		14
67	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, 223-30	6.6	14
66	Decomposition and detoxification of the insecticide thiacloprid by TiO ₂ -mediated photocatalysis: kinetics, intermediate products and transformation pathways. <i>Journal of Chemical Technology and Biotechnology</i> , 2019 , 94, 2475-2486	3.5	13
65	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	2.1	13
64	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	10.2	12
63	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,	4.5	12
62	Cold Crystallization Kinetics and Thermal Degradation of PLA Composites with Metal Oxide Nanofillers. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3004	2.6	12
61	Analytical strategies for the determination of antiviral drugs in the aquatic environment. <i>Trends in Environmental Analytical Chemistry</i> , 2019 , 24, e00071	12	11
60	Development of Novel Polymer Supported Nanocomposite GO/TiO ₂ Films, Based on poly(L-lactic acid) for Photocatalytic Applications. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2368	2.6	11
59	Metabolites and Transformation Products of Pharmaceuticals in the Aquatic Environment as Contaminants of Emerging Concern 2014 , 413-458		11
58	Homogeneous photocatalytic oxidation of UV filter para-aminobenzoic acid in aqueous solutions. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 1113-1121	5.1	11
57	Application of solid-phase microextraction (spme) for photocatalytic studies of fenitrothion and methyl parathion in aqueous TiO ₂ suspensions. <i>International Journal of Environmental Analytical Chemistry</i> , 2004 , 84, 161-172	1.8	11
56	Application of solvent microextraction in a single drop for the determination of new antifouling agents in waters 2004 , 1049, 17-17		10
55	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	5.1	10
54	Photocatalytic degradation of a mixture of eight antibiotics using Cu-modified TiO ₂ photocatalysts: Kinetics, mineralization, antimicrobial activity elimination and disinfection. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105295	6.8	10

53	Oxygen evolution at IrO ₂ -modified Ti anodes prepared by a simple galvanic deposition method. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 855, 113485	4.1	9
52	Factors Affecting Multiresidue Determination of Priority Herbicides when Using Solid-Phase Microextraction. <i>Journal of AOAC INTERNATIONAL</i> , 2002 , 85, 486-493	1.7	9
51	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	4.5	9
50	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	5.1	8
49	Novel Isocyanate-Modified Carrageenan Polymer Materials: Preparation, Characterization and Application Adsorbent Materials of Pharmaceuticals. <i>Polymers</i> , 2017 , 9,	4.5	8
48	Insights into the toxicity of biomaterials microparticles with a combination of cellular and oxidative biomarkers. <i>Journal of Hazardous Materials</i> , 2021 , 413, 125335	12.8	8
47	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,	4.5	8
46	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	10.2	8
45	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 , 155014	10.2	8
44	Chitosan Adsorbent Derivatives for Pharmaceuticals Removal from Effluents: A Review. <i>Macromol</i> , 2021 , 1, 130-154		7
43	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	10.2	7
42	Problems and Challenges to Determine Pesticide Residues in Bumblebees. <i>Critical Reviews in Analytical Chemistry</i> , 2018 , 48, 447-458	5.2	6
41	An Overview of Modern Extraction Techniques for the Determination of Organic Pollutants in Environmental Matrices: A Review. <i>Current Organic Chemistry</i> , 2010 , 14, 2247-2267	1.7	6
40	Determination of Herbicides in Natural Waters Using Solid Phase Microextraction (SPME) and Gas Chromatography Coupled with Flame Thermionic and Mass Spectrometric Detection. <i>International Journal of Environmental Analytical Chemistry</i> , 2000 , 78, 223-240	1.8	6
39	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,	4.8	6
38	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	10	6
37	Monitoring of priority pesticides using SPME (solid phase microextraction) in river water from Greece. <i>Water Science and Technology: Water Supply</i> , 2003 , 3, 335-342	1.4	5
36	Toxicity and Functional Tissue Responses of Two Freshwater Fish after Exposure to Polystyrene Microplastics. <i>Toxics</i> , 2021 , 9,	4.7	5

35	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 , 154603	10.2	5
34	Photocatalytic degradation of molinate in aqueous solutions. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 12294-304	5.1	4
33	Assessment of pesticide residues in fresh peach samples produced under integrated crop management in an agricultural region of northern Greece. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2009 , 26, 1256-1264	3.2	4
32	Transformation Products of Emerging Contaminants Formed during Advanced Oxidation Processes 2014 , 179-228		3
31	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	4.5	3
30	Insights into Biodegradable Polymer-Supported Titanium Dioxide Photocatalysts for Environmental Remediation. <i>Macromol</i> , 2021 , 1, 201-233		3
29	Overview of the Pesticide Residues in Greek Rivers: Occurrence and Environmental Risk Assessment. <i>Handbook of Environmental Chemistry</i> , 2015 , 205-240	0.8	2
28	QuEChERS [®] Green Alternative Approach for the Determination of Pharmaceuticals and Personal Care Products in Environmental and Food Samples. <i>Green Chemistry and Sustainable Technology</i> , 2019 , 395-430	1.1	2
27	Partitioning of antifouling agents, irgarol 1051 and sea nine 211, to humic organic matter investigated by solid-phase microextraction. <i>International Journal of Environmental Analytical Chemistry</i> , 2004 , 84, 47-54	1.8	2
26	First report of detection of microcystins in farmed mediterranean mussels <i>Mytilus galloprovincialis</i> in Thermaikos gulf in Greece. <i>Journal of Biological Research</i> , 2021 , 28, 8	2.4	2
25	Thermal Stability and Decomposition Mechanism of PLA Nanocomposites with Kraft Lignin and Tannin. <i>Polymers</i> , 2021 , 13,	4.5	2
24	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 , 155400	10.2	2
23	Transformation Products of Personal Care Products: UV Filters Case Studies 2014 , 459-492		1
22	Advanced Mass Spectrometry-Based Techniques for the Identification and Structure Elucidation of Transformation Products of Emerging Contaminants 2014 , 325-350		1
21	Microextraction Techniques Coupled to Advanced GC/MS Techniques for Analysis of Environmental Samples. <i>Comprehensive Analytical Chemistry</i> , 2013 , 23-54	1.9	1
20	Photochemical Transformation of Pharmaceuticals in the Aquatic Environment: Reaction Pathways and Intermediates. <i>Environmental Pollution</i> , 2010 , 179-194	0	1
19	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	3.6	1
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