

Despo Fatta-Kassinou

List of Publications by Year in Descending Order

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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.

165
papers

17,019
citations

63
h-index

129
g-index

175
ext. papers

20,032
ext. citations

9.1
avg, IF

6.96
L-index

#	Paper	IF	Citations
165	Effects of biochar derived from the pyrolysis of either biosolids, manure or spent coffee grounds on the growth, physiology and quality attributes of field-grown lettuce plants. <i>Environmental Technology and Innovation</i> , 2022 , 26, 102263	7	1
164	Examining the Relevance of the Microplastic-Associated Additive Fraction in Environmental Compartments. <i>ACS ES&T Water</i> , 2022 , 2, 405-413		0
163	Pharmaceutical pollution of the world's rivers.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119,	11.5	37
162	One planet: one health. A call to support the initiative on a global science-policy body on chemicals and waste.. <i>Environmental Sciences Europe</i> , 2022 , 34, 21	5	2
161	Identification of indicator PPCPs in landfill leachates and livestock wastewaters using multi-residue analysis of 70 PPCPs: Analytical method development and application in Yangtze River Delta, China. <i>Science of the Total Environment</i> , 2021 , 753, 141653	10.2	29
160	Tuning ZnO/GO p-n heterostructure with carbon interlayer supported on clay for visible-light catalysis: Removal of steroid estrogens from water. <i>Chemical Engineering Journal</i> , 2021 , 420, 127668	14.7	8
159	Life cycle assessment of household biogas production in Egypt: Influence of digester volume, biogas leakages, and digestate valorization as biofertilizer. <i>Journal of Cleaner Production</i> , 2021 , 286, 125468	10.3	19
158	Development of a qualitative approach to assessing risks associated with the use of treated wastewater in agricultural irrigation. <i>Journal of Hazardous Materials</i> , 2021 , 406, 124286	12.8	2
157	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
156	Single-route delaminated clay composites for efficient visible-light photo-mineralization of antibiotic-resistant bacteria and associated genes in water. <i>Applied Catalysis B: Environmental</i> , 2021 , 292, 120143	21.8	3
155	Shotgun metagenomics assessment of the resistome, mobilome, pathogen dynamics and their ecological control modes in full-scale urban wastewater treatment plants. <i>Journal of Hazardous Materials</i> , 2021 , 418, 126387	12.8	2
154	Simultaneous inactivation of multidrug-resistant Escherichia coli and enterococci by peracetic acid in urban wastewater: Exposure-based kinetics and comparison with chlorine. <i>Water Research</i> , 2021 , 202, 117403	12.5	2
153	Adsorption and removal of seven antibiotic compounds present in water with the use of biochar derived from the pyrolysis of organic waste feedstocks. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105868	6.8	16
152	The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): let's cooperate!. <i>Environmental Sciences Europe</i> , 2020 , 32,	5	12
151	Effects of prescription antibiotics on soil- and root-associated microbiomes and resistomes in an agricultural context. <i>Journal of Hazardous Materials</i> , 2020 , 400, 123208	12.8	17
150	A chemical, microbiological and (eco)toxicological scheme to understand the efficiency of UV-C/HO ₂ oxidation on antibiotic-related microcontaminants in treated urban wastewater. <i>Science of the Total Environment</i> , 2020 , 744, 140835	10.2	6
149	Investigating the impact of UV-C/H ₂ O ₂ and sunlight/H ₂ O ₂ on the removal of antibiotics, antibiotic resistance determinants and toxicity present in urban wastewater. <i>Chemical Engineering Journal</i> , 2020 , 388, 124383	14.7	35

148	Evaluation of chemical and biological contaminants of emerging concern in treated wastewater intended for agricultural reuse. <i>Environment International</i> , 2020 , 138, 105597	12.9	37
147	Antibiotic residues in final effluents of European wastewater treatment plants and their impact on the aquatic environment. <i>Environment International</i> , 2020 , 140, 105733	12.9	124
146	Cytostatic Drug Residues in Wastewater Treatment Plants: Sources, Removal Efficiencies and Current Challenges 2020 , 103-138		2
145	Physicochemical and structural characterization of biochar derived from the pyrolysis of biosolids, cattle manure and spent coffee grounds. <i>Journal of the Energy Institute</i> , 2020 , 93, 2063-2073	5.7	32
144	Spatio-temporal assessment of illicit drug use at large scale: evidence from 7 years of international wastewater monitoring. <i>Addiction</i> , 2020 , 115, 109-120	4.6	88
143	Best available technologies and treatment trains to address current challenges in urban wastewater reuse for irrigation of crops in EU countries. <i>Science of the Total Environment</i> , 2020 , 710, 136312	10.2	86
142	A global multinational survey of cefotaxime-resistant coliforms in urban wastewater treatment plants. <i>Environment International</i> , 2020 , 144, 106035	12.9	17
141	Sewage analysis as a tool for the COVID-19 pandemic response and management: the urgent need for optimised protocols for SARS-CoV-2 detection and quantification. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104306	6.8	100
140	Inter-laboratory calibration of quantitative analyses of antibiotic resistance genes. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 102214	6.8	29
139	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	6.8	44
138	Recommendations to derive quality standards for chemical pollutants in reclaimed water intended for reuse in agricultural irrigation. <i>Chemosphere</i> , 2020 , 240, 124911	8.4	20
137	Every fifth published metagenome is not available to science. <i>PLoS Biology</i> , 2020 , 18, e3000698	9.7	9
136	Antibiotic resistance genes in treated wastewater and in the receiving water bodies: A pan-European survey of urban settings. <i>Water Research</i> , 2019 , 162, 320-330	12.5	117
135	Continuous ozonation of urban wastewater: Removal of antibiotics, antibiotic-resistant <i>Escherichia coli</i> and antibiotic resistance genes and phytotoxicity. <i>Water Research</i> , 2019 , 159, 333-347	12.5	125
134	Antibiotic resistance in European wastewater treatment plants mirrors the pattern of clinical antibiotic resistance prevalence. <i>Science Advances</i> , 2019 , 5, eaau9124	14.3	184
133	Performance of secondary wastewater treatment methods for the removal of contaminants of emerging concern implicated in crop uptake and antibiotic resistance spread: A review. <i>Science of the Total Environment</i> , 2019 , 648, 1052-1081	10.2	227
132	Uptake and bioaccumulation of three widely prescribed pharmaceutically active compounds in tomato fruits and mediated effects on fruit quality attributes. <i>Science of the Total Environment</i> , 2019 , 647, 1169-1178	10.2	23
131	Solar photo-Fenton oxidation for the removal of ampicillin, total cultivable and resistant <i>E. coli</i> and ecotoxicity from secondary-treated wastewater effluents. <i>Chemical Engineering Journal</i> , 2019 , 355, 91-102	14.7	51

130	Ranking of crop plants according to their potential to uptake and accumulate contaminants of emerging concern. <i>Environmental Research</i> , 2019 , 170, 422-432	7.9	72
129	Solar photo-Fenton oxidation followed by adsorption on activated carbon for the minimisation of antibiotic resistance determinants and toxicity present in urban wastewater. <i>Applied Catalysis B: Environmental</i> , 2019 , 244, 871-880	21.8	60
128	Consolidated vs new advanced treatment methods for the removal of contaminants of emerging concern from urban wastewater. <i>Science of the Total Environment</i> , 2019 , 655, 986-1008	10.2	319
127	Reducing aquatic micropollutants - Increasing the focus on input prevention and integrated emission management. <i>Science of the Total Environment</i> , 2019 , 652, 836-850	10.2	63
126	Can the pharmaceutically active compounds released in agroecosystems be considered as emerging plant stressors?. <i>Environment International</i> , 2018 , 114, 360-364	12.9	53
125	Diclofenac biodegradation by newly isolated <i>Klebsiella</i> sp. KSC: Microbial intermediates and ecotoxicological assessment. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 3242-3248	6.8	34
124	Multi-year inter-laboratory exercises for the analysis of illicit drugs and metabolites in wastewater: Development of a quality control system. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 103, 34-43	14.6	62
123	Pharmaceuticals and illicit drugs in wastewater samples in north-eastern Tunisia. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 18226-18241	5.1	26
122	The role of operating parameters and oxidative damage mechanisms of advanced chemical oxidation processes in the combat against antibiotic-resistant bacteria and resistance genes present in urban wastewater. <i>Water Research</i> , 2018 , 129, 208-230	12.5	119
121	A path to clean water. <i>Science</i> , 2018 , 361, 222-224	33.3	89
120	Simultaneous Decontamination of Seven Residual Antibiotics in Secondary Treated Effluents by Solar Photo-Fenton and Solar TiO ₂ Catalytic Processes. <i>Advances in Science, Technology and Innovation</i> , 2018 , 1517-1518	0.3	1
119	Removal of antibiotics, antibiotic-resistant bacteria and their associated genes by graphene-based TiO ₂ composite photocatalysts under solar radiation in urban wastewaters. <i>Applied Catalysis B: Environmental</i> , 2018 , 224, 810-824	21.8	190
118	On the capacity of ozonation to remove antimicrobial compounds, resistant bacteria and toxicity from urban wastewater effluents. <i>Journal of Hazardous Materials</i> , 2017 , 323, 414-425	12.8	32
117	Investigation of the potential of a Membrane BioReactor followed by solar Fenton oxidation to remove antibiotic-related microcontaminants. <i>Chemical Engineering Journal</i> , 2017 , 310, 491-502	14.7	65
116	Life cycle assessment of solar-driven oxidation as a polishing step of secondary-treated urban effluents. <i>Journal of Chemical Technology and Biotechnology</i> , 2017 , 92, 1315-1327	3.5	25
115	Treatment efficiency and economic feasibility of biological oxidation, membrane filtration and separation processes, and advanced oxidation for the purification and valorization of olive mill wastewater. <i>Water Research</i> , 2017 , 114, 1-13	12.5	63
114	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
113	The Effect of Advanced Treatment Technologies on the Removal of Antibiotic Resistance 2017 , 179-206		

112	Can solar water-treatment really help in the fight against water shortages?. <i>Europhysics News</i> , 2017 , 48, 26-30	0.2	3
111	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 bacterial and resistance genes - A review. <i>Water Research</i> , 2017 , 123, 448-467	12.5	251
110	UV-C-driven oxidation of ciprofloxacin in conventionally treated urban wastewater: degradation kinetics, ecotoxicity and phytotoxicity assessment and inactivation of ciprofloxacin-resistant <i>Escherichia coli</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2017 , 92, 1380-1388	3.5	11
109	Long-term wastewater irrigation of vegetables in real agricultural systems: Concentration of pharmaceuticals in soil, uptake and bioaccumulation in tomato fruits and human health risk assessment. <i>Water Research</i> , 2017 , 109, 24-34	12.5	148
108	Assessing the presence of enrofloxacin and ciprofloxacin in piggery wastewater and their adsorption behaviour onto solid materials, with a newly developed chromatographic method. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 23371-23381	5.1	10
107	The environmental footprint of a membrane bioreactor treatment process through Life Cycle Analysis. <i>Science of the Total Environment</i> , 2016 , 568, 306-318	10.2	55
106	Significant role of UV and carbonate radical on the degradation of oxytetracycline in UV-AOPs: Kinetics and mechanism. <i>Water Research</i> , 2016 , 95, 195-204	12.5	153
105	Antibiotic resistance in urban aquatic environments: can it be controlled?. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 1543-1557	5.7	127
104	CHAPTER 3:Solar Photocatalytic Disinfection of Water. <i>RSC Energy and Environment Series</i> , 2016 , 72-91	0.6	2
103	Novel approach to fast determination of cholesterol oxidation products in Cypriot foodstuffs using ultra-performance liquid chromatography-tandem mass spectrometry. <i>Electrophoresis</i> , 2016 , 37, 1101-8	3.6	5
102	Assessing the potential of pharmaceuticals and their transformation products to cause mutagenic effects: Implications for gene expression profiling. <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 2753-2764	3.8	1
101	Stress-related phenomena and detoxification mechanisms induced by common pharmaceuticals in alfalfa (<i>Medicago sativa</i> L.) plants. <i>Science of the Total Environment</i> , 2016 , 557-558, 652-64	10.2	61
100	Effects of wastewater applied with discrete irrigation techniques on strawberry plants productivity and the safety, quality characteristics and antioxidant capacity of fruits. <i>Agricultural Water Management</i> , 2016 , 173, 48-54	5.9	9
99	High Throughput Analysis of Integron Gene Cassettes in Wastewater Environments. <i>Environmental Science & Technology</i> , 2016 , 50, 11825-11836	10.3	59
98	COST Action ES1403: new and emerging challenges and opportunities in wastewater reuse (NEREUS). <i>Environmental Science and Pollution Research</i> , 2015 , 22, 7183-6	5.1	20
97	Dissolved effluent organic matter: Characteristics and potential implications in wastewater treatment and reuse applications. <i>Water Research</i> , 2015 , 77, 213-248	12.5	277
96	Tackling antibiotic resistance: the environmental framework. <i>Nature Reviews Microbiology</i> , 2015 , 13, 310-7	22.2	1092
95	Erythromycin oxidation and ERY-resistant <i>Escherichia coli</i> inactivation in urban wastewater by sulfate radical-based oxidation process under UV-C irradiation. <i>Water Research</i> , 2015 , 85, 346-58	12.5	93

94	Current status in wastewater treatment, reuse and research in some mediterranean countries. <i>Desalination and Water Treatment</i> , 2015 , 53, 2015-2030		43
93	Licit and Illicit Drugs in Urban Wastewater in Cyprus. <i>Clean - Soil, Air, Water</i> , 2015 , 43, 1272-1278	1.6	10
92	Treatment of winery wastewater by physicochemical, biological and advanced processes: a review. <i>Journal of Hazardous Materials</i> , 2015 , 286, 343-68	12.8	156
91	Ultraviolet-activated persulfate oxidation of methyl orange: a comparison between artificial neural networks and factorial design for process modelling. <i>Photochemical and Photobiological Sciences</i> , 2015 , 14, 528-35	4.2	24
90	UV and simulated solar photodegradation of 17 β -ethynylestradiol in secondary-treated wastewater by hydrogen peroxide or iron addition. <i>Catalysis Today</i> , 2015 , 252, 84-92	5.3	41
89	Solar-induced heterogeneous photocatalytic degradation of methyl-paraben. <i>Applied Catalysis B: Environmental</i> , 2015 , 178, 2-11	21.8	77
88	Utilizing solar energy for the purification of olive mill wastewater using a pilot-scale photocatalytic reactor after coagulation-flocculation. <i>Water Research</i> , 2014 , 60, 28-40	12.5	49
87	Kinetic and mechanism investigation on the photochemical degradation of atrazine with activated H ₂ O ₂ , S ₂ O ₈ ²⁻ and HSO ₅ ⁻ . <i>Chemical Engineering Journal</i> , 2014 , 252, 393-403	14.7	324
86	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
85	Spatial differences and temporal changes in illicit drug use in Europe quantified by wastewater analysis. <i>Addiction</i> , 2014 , 109, 1338-52	4.6	265
84	Environmental side effects of pharmaceutical cocktails: what we know and what we should know. <i>Journal of Hazardous Materials</i> , 2014 , 279, 169-89	12.8	186
83	Degradation kinetics and mechanism of β -lactam antibiotics by the activation of H ₂ O ₂ and Na ₂ S ₂ O ₈ under UV-254nm irradiation. <i>Journal of Hazardous Materials</i> , 2014 , 279, 375-83	12.8	178
82	Assessment of long-term wastewater irrigation impacts on the soil geochemical properties and the bioaccumulation of heavy metals to the agricultural products. <i>Environmental Monitoring and Assessment</i> , 2014 , 186, 4857-70	3.1	32
81	Solar Fenton: from pilot to industrial scale application for polishing winery wastewater pretreated by MBR. <i>Journal of Chemical Technology and Biotechnology</i> , 2014 , 89, 1067-1076	3.5	17
80	Metabolites and Transformation Products of Pharmaceuticals in the Aquatic Environment as Contaminants of Emerging Concern 2014 , 413-458		11
79	Impact assessment of the reuse of two discrete treated wastewaters for the irrigation of tomato crop on the soil geochemical properties, fruit safety and crop productivity. <i>Agriculture, Ecosystems and Environment</i> , 2014 , 192, 105-114	5.7	35
78	Reduction of clarithromycin and sulfamethoxazole-resistant Enterococcus by pilot-scale solar-driven Fenton oxidation. <i>Science of the Total Environment</i> , 2014 , 468-469, 19-27	10.2	68
77	Is the evaluation of "traditional" physicochemical parameters sufficient to explain the potential toxicity of the treated wastewater at sewage treatment plants?. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 3516-28	5.1	34

76	Investigating the fate of iodinated X-ray contrast media iohexol and diatrizoate during microbial degradation in an MBBR system treating urban wastewater. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 3592-606	5.1	44
75	Biodegradation potential of ofloxacin and its resulting transformation products during photolytic and photocatalytic treatment. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 1302-9	5.1	36
74	Light-induced catalytic transformation of ofloxacin by solar Fenton in various water matrices at a pilot plant: mineralization and characterization of major intermediate products. <i>Science of the Total Environment</i> , 2013 , 461-462, 39-48	10.2	54
73	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
72	Sequential coagulation-flocculation, solvent extraction and photo-Fenton oxidation for the valorization and treatment of olive mill effluent. <i>Chemical Engineering Journal</i> , 2013 , 224, 82-88	14.7	49
71	Solar photo-Fenton oxidation against the bioresistant fractions of winery wastewater. <i>Journal of Environmental Chemical Engineering</i> , 2013 , 1, 703-712	6.8	49
70	Sunlight, iron and radicals to tackle the resistant leftovers of biotreated winery wastewater. <i>Photochemical and Photobiological Sciences</i> , 2013 , 12, 664-70	4.2	11
69	Urban wastewater treatment plants as hotspots for antibiotic resistant bacteria and genes spread into the environment: a review. <i>Science of the Total Environment</i> , 2013 , 447, 345-60	10.2	1383
68	Winery wastewater purification by reverse osmosis and oxidation of the concentrate by solar photo-Fenton. <i>Separation and Purification Technology</i> , 2013 , 118, 659-669	8.3	44
67	Chronic ecotoxic effects to <i>Pseudomonas putida</i> and <i>Vibrio fischeri</i> , and cytostatic and genotoxic effects to the hepatoma cell line (HepG2) of ofloxacin photo(cata)lytically treated solutions. <i>Science of the Total Environment</i> , 2013 , 450-451, 356-65	10.2	37
66	Urban wastewater treatment plants as hotspots for the release of antibiotics in the environment: a review. <i>Water Research</i> , 2013 , 47, 957-95	12.5	1189
65	Role of pH on photolytic and photocatalytic degradation of antibiotic oxytetracycline in aqueous solution under visible/solar light: Kinetics and mechanism studies. <i>Applied Catalysis B: Environmental</i> , 2013 , 134-135, 83-92	21.8	175
64	Sonophotocatalytic treatment of ofloxacin in secondary treated effluent and elucidation of its transformation products. <i>Chemical Engineering Journal</i> , 2013 , 224, 96-105	14.7	86
63	Removal of Pharmaceuticals from Environmentally Relevant Matrices by Advanced Oxidation Processes (AOPs). <i>Comprehensive Analytical Chemistry</i> , 2013 , 345-407	1.9	31
62	Superiority of solar Fenton oxidation over TiO ₂ photocatalysis for the degradation of trimethoprim in secondary treated effluents. <i>Water Science and Technology</i> , 2013 , 67, 1260-71	2.2	4
61	Solar photocatalytic treatment of trimethoprim in four environmental matrices at a pilot scale: transformation products and ecotoxicity evaluation. <i>Science of the Total Environment</i> , 2012 , 430, 167-73	10.2	67
60	Photocatalytic degradation of 17 β -ethynylestradiol in environmental samples by ZnO under simulated solar radiation. <i>Journal of Chemical Technology and Biotechnology</i> , 2012 , 87, 1051-1058	3.5	25
59	Solar photo-Fenton process on the abatement of antibiotics at a pilot scale: Degradation kinetics, ecotoxicity and phytotoxicity assessment and removal of antibiotic resistant enterococci. <i>Water Research</i> , 2012 , 46, 5621-5634	12.5	137

58	Photocatalytic (UV-A/TiO ₂) degradation of 17 β -ethynylestradiol in environmental matrices: Experimental studies and artificial neural network modeling. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012 , 240, 33-41	4.7	65
57	Experimental and Modeling Studies of the Degradation of Estrogen Hormones in Aqueous TiO ₂ Suspensions under Simulated Solar Radiation. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 16552-16563	3.9	37
56	Development and validation of a UPLC-MS/MS method for studying the degradation kinetics of ofloxacin and trimethoprim during the application of solar Fenton process in secondary treated sewage. <i>Water Science and Technology</i> , 2012 , 66, 1574-81	2.2	2
55	A study on the attitudes and behavioural influence of construction waste management in occupied Palestinian territory. <i>Waste Management and Research</i> , 2012 , 30, 122-36	4	54
54	The risks associated with wastewater reuse and xenobiotics in the agroecological environment. <i>Science of the Total Environment</i> , 2011 , 409, 3555-63	10.2	278
53	Fast degradation of estrogen hormones in environmental matrices by photo-Fenton oxidation under simulated solar radiation. <i>Chemical Engineering Journal</i> , 2011 , 178, 175-182	14.7	50
52	Transformation products of pharmaceuticals in surface waters and wastewater formed during photolysis and advanced oxidation processes - degradation, elucidation of byproducts and assessment of their biological potency. <i>Chemosphere</i> , 2011 , 85, 693-709	8.4	356
51	Existence of Pharmaceutical Compounds in Tertiary Treated Urban Wastewater that is Utilized for Reuse Applications. <i>Water Resources Management</i> , 2011 , 25, 1183-1193	3.7	48
50	Pharmaceutical residues in environmental waters and wastewater: current state of knowledge and future research. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 399, 251-75	4.4	610
49	Kinetics of UV-A/TiO ₂ photocatalytic degradation and mineralization of the antibiotic sulfamethoxazole in aqueous matrices. <i>Catalysis Today</i> , 2011 , 161, 163-168	5.3	115
48	Solar/TiO ₂ photocatalytic decomposition of β -blockers atenolol and propranolol in water and wastewater. <i>Solar Energy</i> , 2011 , 85, 1915-1926	6.8	85
47	UV-A and Solar Photodegradation of Ibuprofen and Carbamazepine Catalyzed by TiO ₂ . <i>Separation Science and Technology</i> , 2010 , 45, 1564-1570	2.5	71
46	Sonochemical degradation of ofloxacin in aqueous solutions. <i>Water Science and Technology</i> , 2010 , 61, 3141-6	2.2	25
45	Drugs degrading photocatalytically: Kinetics and mechanisms of ofloxacin and atenolol removal on titania suspensions. <i>Water Research</i> , 2010 , 44, 1737-46	12.5	224
44	Solar Fenton and solar TiO ₂ catalytic treatment of ofloxacin in secondary treated effluents: evaluation of operational and kinetic parameters. <i>Water Research</i> , 2010 , 44, 5450-62	12.5	113
43	Dental solid and hazardous waste management and safety practices in developing countries: Nablus district, Palestine. <i>Waste Management and Research</i> , 2010 , 28, 436-44	4	17
42	Solid waste characterization, quantification and management practices in developing countries. a case study: Nablus district - Palestine. <i>Journal of Environmental Management</i> , 2010 , 91, 1131-8	7.9	149
41	Ultrasonic degradation, mineralization and detoxification of diclofenac in water: optimization of operating parameters. <i>Ultrasonics Sonochemistry</i> , 2010 , 17, 179-85	8.9	128

40	UV-A/TiO ₂ photocatalytic decomposition of erythromycin in water: Factors affecting mineralization and antibiotic activity. <i>Catalysis Today</i> , 2010 , 151, 29-33	5.3	83
39	Factors affecting diclofenac decomposition in water by UV-A/TiO ₂ photocatalysis. <i>Chemical Engineering Journal</i> , 2010 , 161, 53-59	14.7	136
38	Mineralisation of the antibiotic amoxicillin in pure and surface waters by artificial UVA- and sunlight-induced Fenton oxidation. <i>Journal of Chemical Technology and Biotechnology</i> , 2009 , 84, 1211-1217	3.7	33
37	Direct simulation of the limiting flux: I. Interpretation of the experimental results. <i>Journal of Membrane Science</i> , 2009 , 337, 81-91	9.6	14
36	Degradation of diclofenac during sonolysis, ozonation and their simultaneous application. <i>Ultrasonics Sonochemistry</i> , 2009 , 16, 790-4	8.9	88
35	Rapid screening procedure to optimise the anaerobic codigestion of industrial biowastes and agricultural livestock wastes in Cyprus. <i>Waste Management</i> , 2009 , 29, 712-20	8.6	13
34	Monitoring of the quality of winery influents/effluents and polishing of partially treated winery flows by homogeneous Fe(II) photo-oxidation. <i>Desalination</i> , 2009 , 248, 836-842	10.3	33
33	Removal of residual pharmaceuticals from aqueous systems by advanced oxidation processes. <i>Environment International</i> , 2009 , 35, 402-17	12.9	1274
32	Homogeneous oxidation of aqueous solutions of atrazine and fenitrothion through dark and photo-Fenton reactions. <i>Chemosphere</i> , 2009 , 74, 866-72	8.4	30
31	Degradation of diclofenac by TiO ₂ photocatalysis: UV absorbance kinetics and process evaluation through a set of toxicity bioassays. <i>Water Research</i> , 2009 , 43, 979-88	12.5	210
30	Fate of pharmaceuticals in contaminated urban wastewater effluent under ultrasonic irradiation. <i>Water Research</i> , 2009 , 43, 4019-27	12.5	115
29	Heterogenous photocatalytic degradation kinetics and detoxification of an urban wastewater treatment plant effluent contaminated with pharmaceuticals. <i>Water Research</i> , 2009 , 43, 4070-8	12.5	186
28	Effects of selective water withdrawal schemes on thermal stratification in Kouris Dam in Cyprus. <i>Lakes and Reservoirs: Research and Management</i> , 2008 , 13, 51-61	1.2	20
27	Assessing the Impact of Concentration-Dependent Fluid Properties on Concentration Polarization in Crossflow Membrane Systems. <i>Industrial & Engineering Chemistry Research</i> , 2008 , 47, 1636-1649	3.9	2
26	Anaerobic co-digestion of potato processing wastewater with pig slurry and abattoir wastewater. <i>Journal of Chemical Technology and Biotechnology</i> , 2008 , 83, 1658-1663	3.5	16
25	Resource consumption and emissions from olive oil production: a life cycle inventory case study in Cyprus. <i>Journal of Cleaner Production</i> , 2008 , 16, 809-821	10.3	98
24	Minimization of the diffuse pollution caused by dairy farms in Cyprus through the development of guidelines for their sustainable operation. <i>Water Science and Technology</i> , 2007 , 56, 89-97	2.2	90
23	Analytical methods for tracing pharmaceutical residues in water and wastewater. <i>TrAC - Trends in Analytical Chemistry</i> , 2007 , 26, 515-533	14.6	188

22	MEDAWARE project for wastewater reuse in the Mediterranean countries: An innovative compact biological wastewater treatment system for promoting wastewater reclamation in Cyprus. <i>Desalination</i> , 2007 , 211, 34-47	10.3	7
21	Development of a multi-function software decision support tool for the promotion of the safe reuse of treated urban wastewater. <i>Desalination</i> , 2007 , 215, 90-103	10.3	34
20	Review on endocrine disrupting-emerging compounds in urban wastewater: occurrence and removal by photocatalysis and ultrasonic irradiation for wastewater reuse. <i>Desalination</i> , 2007 , 215, 166-176	10.3	222
19	Pesticides, volatile and semivolatile organic compounds in the inland surface waters of Cyprus. <i>Desalination</i> , 2007 , 215, 223-236	10.3	16
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