Despo Fatta-Kassinos

List of Publications by Citations

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	Urban wastewater treatment plants as hotspots for antibiotic resistant bacteria and genes spread into the environment: a review. *Science of the Total Environment*, **2013**, 447, 345-60	10.2	1383
164	Removal of residual pharmaceuticals from aqueous systems by advanced oxidation processes. *Environment International*, **2009**, 35, 402-17	12.9	1274
163	Urban wastewater treatment plants as hotspots for the release of antibiotics in the environment: a review. *Water Research*, **2013**, 47, 957-95	12.5	1189
162	Tackling antibiotic resistance: the environmental framework. *Nature Reviews Microbiology*, **2015**, 13, 310-7	22.2	1092
161	Occurrence patterns of pharmaceuticals in water and wastewater environments. *Analytical and Bioanalytical Chemistry*, **2007**, 387, 1225-34	4.4	615
160	Pharmaceutical residues in environmental waters and wastewater: current state of knowledge and future research. *Analytical and Bioanalytical Chemistry*, **2011**, 399, 251-75	4.4	610
159	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. *Chemosphere*, **2011**, 85, 693-709	8.4	356
158	Kinetic and mechanism investigation on the photochemical degradation of atrazine with activated H2O2, S2O82−and HSO5−*Chemical Engineering Journal*, **2014**, 252, 393-403	14.7	324
157	Consolidated vs new advanced treatment methods for the removal of contaminants of emerging concern from urban wastewater. *Science of the Total Environment*, **2019**, 655, 986-1008	10.2	319
156	The risks associated with wastewater reuse and xenobiotics in the agroecological environment. *Science of the Total Environment*, **2011**, 409, 3555-63	10.2	278
155	Dissolved effluent organic matter: Characteristics and potential implications in wastewater treatment and reuse applications. *Water Research*, **2015**, 77, 213-248	12.5	277
154	Spatial differences and temporal changes in illicit drug use in Europe quantified by wastewater analysis. *Addiction*, **2014**, 109, 1338-52	4.6	265
153	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. *Water Research*, **2017**, 123, 448-467	12.5	251
152	Performance of secondary wastewater treatment methods for the removal of contaminants of emerging concern implicated in crop uptake and antibiotic resistance spread: A review. *Science of the Total Environment*, **2019**, 648, 1052-1081	10.2	227
151	Drugs degrading photocatalytically: Kinetics and mechanisms of ofloxacin and atenolol removal on titania suspensions. *Water Research*, **2010**, 44, 1737-46	12.5	224
150	Review on endocrine disrupting-emerging compounds in urban wastewater: occurrence and removal by photocatalysis and ultrasonic irradiation for wastewater reuse. *Desalination*, **2007**, 215, 166-176	10.3	222
149	Degradation of diclofenac by TiO(2) photocatalysis: UV absorbance kinetics and process evaluation through a set of toxicity bioassays. *Water Research*, **2009**, 43, 979-88	12.5	210

148	Removal of antibiotics, antibiotic-resistant bacteria and their associated genes by graphene-based TiO2 composite photocatalysts under solar radiation in urban wastewaters. *Applied Catalysis B: Environmental*, **2018**, 224, 810-824	21.8	190
147	Analytical methods for tracing pharmaceutical residues in water and wastewater. *TrAC - Trends in Analytical Chemistry*, **2007**, 26, 515-533	14.6	188
146	Environmental side effects of pharmaceutical cocktails: what we know and what we should know. *Journal of Hazardous Materials*, **2014**, 279, 169-89	12.8	186
145	Heterogenous photocatalytic degradation kinetics and detoxification of an urban wastewater treatment plant effluent contaminated with pharmaceuticals. *Water Research*, **2009**, 43, 4070-8	12.5	186
144	Antibiotic resistance in European wastewater treatment plants mirrors the pattern of clinical antibiotic resistance prevalence. *Science Advances*, **2019**, 5, eaau9124	14.3	184
143	Degradation kinetics and mechanism of β-lactam antibiotics by the activation of H2O2 and Na2S2O8 under UV-254nm irradiation. *Journal of Hazardous Materials*, **2014**, 279, 375-83	12.8	178
142	Role of pH on photolytic and photocatalytic degradation of antibiotic oxytetracycline in aqueous solution under visible/solar light: Kinetics and mechanism studies. *Applied Catalysis B: Environmental*, **2013**, 134-135, 83-92	21.8	175
141	Treatment of winery wastewater by physicochemical, biological and advanced processes: a review. *Journal of Hazardous Materials*, **2015**, 286, 343-68	12.8	156
140	Significant role of UV and carbonate radical on the degradation of oxytetracycline in UV-AOPs: Kinetics and mechanism. *Water Research*, **2016**, 95, 195-204	12.5	153
139	Solid waste characterization, quantification and management practices in developing countries. a case study: Nablus district - Palestine. *Journal of Environmental Management*, **2010**, 91, 1131-8	7.9	149
138	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. *Water Research*, **2017**, 109, 24-34	12.5	148
137	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. *Water Research*, **2012**, 46, 5621-5634	12.5	137
136	A study on the landfill leachate and its impact on the groundwater quality of the greater area. *Environmental Geochemistry and Health*, **1999**, 21, 175-190	4.7	137
135	Factors affecting diclofenac decomposition in water by UV-A/TiO2 photocatalysis. *Chemical Engineering Journal*, **2010**, 161, 53-59	14.7	136
134	Generation and management of construction and demolition waste in Greece-an existing challenge. *Resources, Conservation and Recycling*, **2003**, 40, 81-91	11.9	129
133	Ultrasonic degradation, mineralization and detoxification of diclofenac in water: optimization of operating parameters. *Ultrasonics Sonochemistry*, **2010**, 17, 179-85	8.9	128
132	Antibiotic resistance in urban aquatic environments: can it be controlled?. *Applied Microbiology and Biotechnology*, **2016**, 100, 1543-1557	5.7	127
131	Continuous ozonation of urban wastewater: Removal of antibiotics, antibiotic-resistant Escherichia coli and antibiotic resistance genes and phytotoxicity. *Water Research*, **2019**, 159, 333-347	12.5	125

130	Antibiotic residues in final effluents of European wastewater treatment plants and their impact on the aquatic environment. *Environment International*, **2020**, 140, 105733	12.9	124
129	Demonstration plasma gasification/vitrification system for effective hazardous waste treatment. *Journal of Hazardous Materials*, **2005**, 123, 120-6	12.8	121
128	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. *Water Research*, **2018**, 129, 208-230	12.5	119
127	Antibiotic resistance genes in treated wastewater and in the receiving water bodies: A pan-European survey of urban settings. *Water Research*, **2019**, 162, 320-330	12.5	117
126	Kinetics of UV-A/TiO2 photocatalytic degradation and mineralization of the antibiotic sulfamethoxazole in aqueous matrices. *Catalysis Today*, **2011**, 161, 163-168	5.3	115
125	Fate of pharmaceuticals in contaminated urban wastewater effluent under ultrasonic irradiation. *Water Research*, **2009**, 43, 4019-27	12.5	115
124	Solar Fenton and solar TiO2 catalytic treatment of ofloxacin in secondary treated effluents: evaluation of operational and kinetic parameters. *Water Research*, **2010**, 44, 5450-62	12.5	113
123	Proposed transformation pathway and evolution profile of diclofenac and ibuprofen transformation products during (sono)photocatalysis. *Applied Catalysis B: Environmental*, **2014**, 147, 1015-1027	21.8	102
122	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. *Journal of Environmental Chemical Engineering*, **2020**, 8, 104306	6.8	100
121	Resource consumption and emissions from olive oil production: a life cycle inventory case study in Cyprus. *Journal of Cleaner Production*, **2008**, 16, 809-821	10.3	98
120	Erythromycin oxidation and ERY-resistant Escherichia coli inactivation in urban wastewater by sulfate radical-based oxidation process under UV-C irradiation. *Water Research*, **2015**, 85, 346-58	12.5	93
119	Minimization of the diffuse pollution caused by dairy farms in Cyprus through the development of guidelines for their sustainable operation. *Water Science and Technology*, **2007**, 56, 89-97	2.2	90
118	A path to clean water. *Science*, **2018**, 361, 222-224	33.3	89
117	Degradation of diclofenac during sonolysis, ozonation and their simultaneous application. *Ultrasonics Sonochemistry*, **2009**, 16, 790-4	8.9	88
116	Spatio-temporal assessment of illicit drug use at large scale: evidence from 7 years of international wastewater monitoring. *Addiction*, **2020**, 115, 109-120	4.6	88
115	Sonophotocatalytic treatment of ofloxacin in secondary treated effluent and elucidation of its transformation products. *Chemical Engineering Journal*, **2013**, 224, 96-105	14.7	86
114	Best available technologies and treatment trains to address current challenges in urban wastewater reuse for irrigation of crops in EU countries. *Science of the Total Environment*, **2020**, 710, 136312	10.2	86
113	Solar/TiO2 photocatalytic decomposition of β-blockers atenolol and propranolol in water and wastewater. *Solar Energy*, **2011**, 85, 1915-1926	6.8	85

112	UV-A/TiO2 photocatalytic decomposition of erythromycin in water: Factors affecting mineralization and antibiotic activity. *Catalysis Today*, **2010**, 151, 29-33	5.3	83
111	Solar-induced heterogeneous photocatalytic degradation of methyl-paraben. *Applied Catalysis B: Environmental*, **2015**, 178, 2-11	21.8	77
110	Transformation products and reaction pathways of carbamazepine during photocatalytic and sonophotocatalytic treatment. *Journal of Hazardous Materials*, **2013**, 263 Pt 1, 177-86	12.8	72
109	Ranking of crop plants according to their potential to uptake and accumulate contaminants of emerging concern. *Environmental Research*, **2019**, 170, 422-432	7.9	72
108	UV-A and Solar Photodegradation of Ibuprofen and Carbamazepine Catalyzed by TiO2. *Separation Science and Technology*, **2010**, 45, 1564-1570	2.5	71
107	Nickel uptake from a wastewater stream produced in a metal finishing industry by combination of ion-exchange and precipitation methods. *Separation and Purification Technology*, **2004**, 39, 181-188	8.3	71
106	Reduction of clarithromycin and sulfamethoxazole-resistant Enterococcus by pilot-scale solar-driven Fenton oxidation. *Science of the Total Environment*, **2014**, 468-469, 19-27	10.2	68
105	Solar photocatalytic treatment of trimethoprim in four environmental matrices at a pilot scale: transformation products and ecotoxicity evaluation. *Science of the Total Environment*, **2012**, 430, 167-73	10.2	67
104	Investigation of the potential of a Membrane BioReactor followed by solar Fenton oxidation to remove antibiotic-related microcontaminants. *Chemical Engineering Journal*, **2017**, 310, 491-502	14.7	65
103	Photocatalytic (UV-A/TiO2) degradation of 17□ethynylestradiol in environmental matrices: Experimental studies and artificial neural network modeling. *Journal of Photochemistry and Photobiology A: Chemistry*, **2012**, 240, 33-41	4.7	65
102	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. *Water Research*, **2017**, 114, 1-13	12.5	63
101	Reducing aquatic micropollutants - Increasing the focus on input prevention and integrated emission management. *Science of the Total Environment*, **2019**, 652, 836-850	10.2	63
100	Multi-year inter-laboratory exercises for the analysis of illicit drugs and metabolites in wastewater: Development of a quality control system. *TrAC - Trends in Analytical Chemistry*, **2018**, 103, 34-43	14.6	62
99	Stress-related phenomena and detoxification mechanisms induced by common pharmaceuticals in alfalfa (Medicago sativa L.) plants. *Science of the Total Environment*, **2016**, 557-558, 652-64	10.2	61
98	Solar photo-Fenton oxidation followed by adsorption on activated carbon for the minimisation of antibiotic resistance determinants and toxicity present in urban wastewater. *Applied Catalysis B: Environmental*, **2019**, 244, 871-880	21.8	60
97	High Throughput Analysis of Integron Gene Cassettes in Wastewater Environments. *Environmental Science & Technology*, **2016**, 50, 11825-11836	10.3	59
96	Development and optimization of dark Fenton oxidation for the treatment of textile wastewaters with high organic load. *Journal of Hazardous Materials*, **2007**, 146, 558-63	12.8	56
95	The environmental footprint of a membrane bioreactor treatment process through Life Cycle Analysis. *Science of the Total Environment*, **2016**, 568, 306-318	10.2	55

94	Light-induced catalytic transformation of ofloxacin by solar Fenton in various water matrices at a pilot plant: mineralization and characterization of major intermediate products. *Science of the Total Environment*, **2013**, 461-462, 39-48	10.2	54
93	A study on the attitudes and behavioural influence of construction waste management in occupied Palestinian territory. *Waste Management and Research*, **2012**, 30, 122-36	4	54
92	Can the pharmaceutically active compounds released in agroecosystems be considered as emerging plant stressors?. *Environment International*, **2018**, 114, 360-364	12.9	53
91	Solar photo-Fenton oxidation for the removal of ampicillin, total cultivable and resistant E. coli and ecotoxicity from secondary-treated wastewater effluents. *Chemical Engineering Journal*, **2019**, 355, 91-102	14.7	51
90	Fast degradation of estrogen hormones in environmental matrices by photo-Fenton oxidation under simulated solar radiation. *Chemical Engineering Journal*, **2011**, 178, 175-182	14.7	50
89	Utilizing solar energy for the purification of olive mill wastewater using a pilot-scale photocatalytic reactor after coagulation-flocculation. *Water Research*, **2014**, 60, 28-40	12.5	49
88	Sequential coagulation□flocculation, solvent extraction and photo-Fenton oxidation for the valorization and treatment of olive mill effluent. *Chemical Engineering Journal*, **2013**, 224, 82-88	14.7	49
87	Solar photo-Fenton oxidation against the bioresistant fractions of winery wastewater. *Journal of Environmental Chemical Engineering*, **2013**, 1, 703-712	6.8	49
86	Existence of Pharmaceutical Compounds in Tertiary Treated Urban Wastewater that is Utilized for Reuse Applications. *Water Resources Management*, **2011**, 25, 1183-1193	3.7	48
85	Removal of heavy metals from sewage sludge by acid treatment. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2001**, 36, 873-81	2.3	48
84	Investigating the fate of iodinated X-ray contrast media iohexol and diatrizoate during microbial degradation in an MBBR system treating urban wastewater. *Environmental Science and Pollution Research*, **2013**, 20, 3592-606	5.1	44
83	Winery wastewater purification by reverse osmosis and oxidation of the concentrate by solar photo-Fenton. *Separation and Purification Technology*, **2013**, 118, 659-669	8.3	44
82	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. *Journal of Environmental Chemical Engineering*, **2020**, 8, 102131	6.8	44
81	Current status in wastewater treatment, reuse and research in some mediterranean countries. *Desalination and Water Treatment*, **2015**, 53, 2015-2030		43
80	UV and simulated solar photodegradation of 17□ethynylestradiol in secondary-treated wastewater by hydrogen peroxide or iron addition. *Catalysis Today*, **2015**, 252, 84-92	5.3	41
79	Organochlorine and organophosphoric insecticides, herbicides and heavy metals residue in industrial wastewaters in Cyprus. *Journal of Hazardous Materials*, **2007**, 145, 169-79	12.8	40
78	Evaluation of chemical and biological contaminants of emerging concern in treated wastewater intended for agricultural reuse. *Environment International*, **2020**, 138, 105597	12.9	37
77	Chronic ecotoxic effects to Pseudomonas putida and Vibrio fischeri, and cytostatic and genotoxic effects to the hepatoma cell line (HepG2) of ofloxacin photo(cata)lytically treated solutions. *Science of the Total Environment*, **2013**, 450-451, 356-65	10.2	37

76	Experimental and Modeling Studies of the Degradation of Estrogen Hormones in Aqueous TiO2 Suspensions under Simulated Solar Radiation. *Industrial & Engineering Chemistry Research*, **2012**, 51, 16552-16563	3.9	37
75	Pharmaceutical pollution of the world's rivers.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119,	11.5	37
74	Biodegradation potential of ofloxacin and its resulting transformation products during photolytic and photocatalytic treatment. *Environmental Science and Pollution Research*, **2013**, 20, 1302-9	5.1	36
73	Investigating the impact of UV-C/H2O2 and sunlight/H2O2 on the removal of antibiotics, antibiotic resistance determinants and toxicity present in urban wastewater. *Chemical Engineering Journal*, **2020**, 388, 124383	14.7	35
72	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. *Agriculture, Ecosystems and Environment*, **2014**, 192, 105-114	5.7	35
71	Diclofenac biodegradation by newly isolated Klebsiella sp. KSC: Microbial intermediates and ecotoxicological assessment. *Journal of Environmental Chemical Engineering*, **2018**, 6, 3242-3248	6.8	34
70	Is the evaluation of "traditional" physicochemical parameters sufficient to explain the potential toxicity of the treated wastewater at sewage treatment plants?. *Environmental Science and Pollution Research*, **2013**, 20, 3516-28	5.1	34
69	Development of a multi-function software decision support tool for the promotion of the safe reuse of treated urban wastewater. *Desalination*, **2007**, 215, 90-103	10.3	34
68	Mineralisation of the antibiotic amoxicillin in pure and surface waters by artificial UVA- and sunlight-induced Fenton oxidation. *Journal of Chemical Technology and Biotechnology*, **2009**, 84, 1211-1217	3.5	33
67	Monitoring of the quality of winery influents/effluents and polishing of partially treated winery flows by homogeneous Fe(II) photo-oxidation. *Desalination*, **2009**, 248, 836-842	10.3	33
66	On the capacity of ozonation to remove antimicrobial compounds, resistant bacteria and toxicity from urban wastewater effluents. *Journal of Hazardous Materials*, **2017**, 323, 414-425	12.8	32
65	Assessment of long-term wastewater irrigation impacts on the soil geochemical properties and the bioaccumulation of heavy metals to the agricultural products. *Environmental Monitoring and Assessment*, **2014**, 186, 4857-70	3.1	32
64	Physicochemical and structural characterization of biochar derived from the pyrolysis of biosolids, cattle manure and spent coffee grounds. *Journal of the Energy Institute*, **2020**, 93, 2063-2073	5.7	32
63	Removal of Pharmaceuticals from Environmentally Relevant Matrices by Advanced Oxidation Processes (AOPs). *Comprehensive Analytical Chemistry*, **2013**, 345-407	1.9	31
62	Homogeneous oxidation of aqueous solutions of atrazine and fenitrothion through dark and photo-Fenton reactions. *Chemosphere*, **2009**, 74, 866-72	8.4	30
61	Inter-laboratory calibration of quantitative analyses of antibiotic resistance genes. *Journal of Environmental Chemical Engineering*, **2020**, 8, 102214	6.8	29
60	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. *Science of the Total Environment*, **2021**, 753, 141653	10.2	29
59	Pharmaceuticals and illicit drugs in wastewater samples in north-eastern Tunisia. *Environmental Science and Pollution Research*, **2018**, 25, 18226-18241	5.1	26

58	Life cycle assessment of solar-driven oxidation as a polishing step of secondary-treated urban effluents. *Journal of Chemical Technology and Biotechnology*, **2017**, 92, 1315-1327	3.5	25
57	Photocatalytic degradation of 17α-ethynylestradiol in environmental samples by ZnO under simulated solar radiation. *Journal of Chemical Technology and Biotechnology*, **2012**, 87, 1051-1058	3.5	25
56	Sonochemical degradation of ofloxacin in aqueous solutions. *Water Science and Technology*, **2010**, 61, 3141-6	2.2	25
55	Ultraviolet-activated persulfate oxidation of methyl orange: a comparison between artificial neural networks and factorial design for process modelling. *Photochemical and Photobiological Sciences*, **2015**, 14, 528-35	4.2	24
54	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. *Water Research*, **2021**, 199, 117167	12.5	24
53	Uptake and bioaccumulation of three widely prescribed pharmaceutically active compounds in tomato fruits and mediated effects on fruit quality attributes. *Science of the Total Environment*, **2019**, 647, 1169-1178	10.2	23
52	Industrial pollution and control measures for a foundry in Cyprus. *Journal of Cleaner Production*, **2004**, 12, 29-36	10.3	21
51	COST Action ES1403: new and emerging challenges and opportunities in wastewater reuse (NEREUS). *Environmental Science and Pollution Research*, **2015**, 22, 7183-6	5.1	20
50	Effects of selective water withdrawal schemes on thermal stratification in Kouris Dam in Cyprus. *Lakes and Reservoirs: Research and Management*, **2008**, 13, 51-61	1.2	20
49	Recommendations to derive quality standards for chemical pollutants in reclaimed water intended for reuse in agricultural irrigation. *Chemosphere*, **2020**, 240, 124911	8.4	20
48	Life cycle assessment of household biogas production in Egypt: Influence of digester volume, biogas leakages, and digestate valorization as biofertilizer. *Journal of Cleaner Production*, **2021**, 286, 125468	10.3	19
47	Effects of prescription antibiotics on soil- and root-associated microbiomes and resistomes in an agricultural context. *Journal of Hazardous Materials*, **2020**, 400, 123208	12.8	17
46	Solar Fenton: from pilot to industrial scale application for polishing winery wastewater pretreated by MBR. *Journal of Chemical Technology and Biotechnology*, **2014**, 89, 1067-1076	3.5	17
45	Dental solid and hazardous waste management and safety practices in developing countries: Nablus district, Palestine. *Waste Management and Research*, **2010**, 28, 436-44	4	17
44	Integrated environmental monitoring and simulation system for use as a management decision support tool in urban areas. *Journal of Environmental Management*, **2002**, 64, 333-43	7.9	17
43	A global multinational survey of cefotaxime-resistant coliforms in urban wastewater treatment plants. *Environment International*, **2020**, 144, 106035	12.9	17
42	Pesticides, volatile and semivolatile organic compounds in the inland surface waters of Cyprus. *Desalination*, **2007**, 215, 223-236	10.3	16
41	Anaerobic co-digestion of potato processing wastewater with pig slurry and abattoir wastewater. *Journal of Chemical Technology and Biotechnology*, **2008**, 83, 1658-1663	3.5	16

40	Urban Wastewater Treatment and Reclamation for Agricultural Irrigation: The situation in Morocco and Palestine. *The Environmentalist*, **2004**, 24, 227-236		16
39	Adsorption and removal of seven antibiotic compounds present in water with the use of biochar derived from the pyrolysis of organic waste feedstocks. *Journal of Environmental Chemical Engineering*, **2021**, 9, 105868	6.8	16
38	Direct simulation of the limiting flux: I. Interpretation of the experimental results. *Journal of Membrane Science*, **2009**, 337, 81-91	9.6	14
37	Rapid screening procedure to optimise the anaerobic codigestion of industrial biowastes and agricultural livestock wastes in Cyprus. *Waste Management*, **2009**, 29, 712-20	8.6	13
36	The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): let cooperate!. *Environmental Sciences Europe*, **2020**, 32,	5	12
35	Metabolites and Transformation Products of Pharmaceuticals in the Aquatic Environment as Contaminants of Emerging Concern **2014**, 413-458		11
34	Sunlight, iron and radicals to tackle the resistant leftovers of biotreated winery wastewater. *Photochemical and Photobiological Sciences*, **2013**, 12, 664-70	4.2	11
33	UV-C-driven oxidation of ciprofloxacin in conventionally treated urban wastewater: degradation kinetics, ecotoxicity and phytotoxicity assessment and inactivation of ciprofloxacin-resistant Escherichia coli. *Journal of Chemical Technology and Biotechnology*, **2017**, 92, 1380-1388	3.5	11
32	An alternative method for the treatment of waste produced at a dye and a metal-plating industry using natural and/or waste materials. *Waste Management and Research*, **2004**, 22, 234-9	4	11
31	Assessing the presence of enrofloxacin and ciprofloxacin in piggery wastewater and their adsorption behaviour onto solid materials, with a newly developed chromatographic method. *Environmental Science and Pollution Research*, **2017**, 24, 23371-23381	5.1	10
30	Licit and Illicit Drugs in Urban Wastewater in Cyprus. *Clean - Soil, Air, Water*, **2015**, 43, 1272-1278	1.6	10
29	Effects of wastewater applied with discrete irrigation techniques on strawberry plants productivity and the safety, quality characteristics and antioxidant capacity of fruits. *Agricultural Water Management*, **2016**, 173, 48-54	5.9	9
28	Every fifth published metagenome is not available to science. *PLoS Biology*, **2020**, 18, e3000698	9.7	9
27	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?. *Environmental Science and Pollution Research*, **2017**, 24, 15202-15205	5.1	8
26	Tuning ZnO/GO p-n heterostructure with carbon interlayer supported on clay for visible-light catalysis: Removal of steroid estrogens from water. *Chemical Engineering Journal*, **2021**, 420, 127668	14.7	8
25	MEDAWARE project for wastewater reuse in the Mediterranean countries: An innovative compact biological wastewater treatment system for promoting wastewater reclamation in Cyprus. *Desalination*, **2007**, 211, 34-47	10.3	7
24	A chemical, microbiological and (eco)toxicological scheme to understand the efficiency of UV-C/HO oxidation on antibiotic-related microcontaminants in treated urban wastewater. *Science of the Total Environment*, **2020**, 744, 140835	10.2	6
23	Novel approach to fast determination of cholesterol oxidation products in Cypriot foodstuffs using ultra-performance liquid chromatography-tandem mass spectrometry. *Electrophoresis*, **2016**, 37, 1101-8	3.6	5

22	Superiority of solar Fenton oxidation over TiO2 photocatalysis for the degradation of trimethoprim in secondary treated effluents. *Water Science and Technology*, **2013**, 67, 1260-71	2.2	4
21	Development of guidelines on best practices for the slaughter of animals in Cyprus. *Waste Management*, **2003**, 23, 157-65	8.6	4
20	Can solar water-treatment really help in the fight against water shortages?. *Europhysics News*, **2017** , 48, 26-30	0.2	3
19	Assessing the Accuracy of Wall Concentration Estimation Based on Averaged Permeate Velocity in Spacer-Filled Reverse Osmosis (RO) Membrane Systems. *Industrial & Engineering Chemistry Research*, **2006**, 45, 8134-8144	3.9	3
18	Sustainable and cost-effective municipal wastewater reclamation: treated effluent reuse in agricultural production. *International Journal of Environment and Pollution*, **2006**, 28, 2	0.7	3
17	Single-route delaminated clay composites for efficient visible-light photo-mineralization of antibiotic-resistant bacteria and associated genes in water. *Applied Catalysis B: Environmental*, **2021** , 292, 120143	21.8	3
16	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. *Water Science and Technology*, **2012**, 66, 1574-81	2.2	2
15	Assessing the Impact of Concentration-Dependent Fluid Properties on Concentration Polarization in Crossflow Membrane Systems. *Industrial & Engineering Chemistry Research*, **2008**, 47, 1636-1649	3.9	2
14	The water profile and the policies that need to be developed for the promotion of wastewater reuse in the Mediterranean countries: the case of Cyprus, Jordan and Lebanon. *International Journal of Environment and Pollution*, **2006**, 28, 45	0.7	2
13	Cytostatic Drug Residues in Wastewater Treatment Plants: Sources, Removal Efficiencies and Current Challenges **2020**, 103-138		2
12	CHAPTER 3:Solar Photocatalytic Disinfection of Water. *RSC Energy and Environment Series*, **2016**, 72-91	0.6	2
11	Development of a qualitative approach to assessing risks associated with the use of treated wastewater in agricultural irrigation. *Journal of Hazardous Materials*, **2021**, 406, 124286	12.8	2
10	Shotgun metagenomics assessment of the resistome, mobilome, pathogen dynamics and their ecological control modes in full-scale urban wastewater treatment plants. *Journal of Hazardous Materials*, **2021**, 418, 126387	12.8	2
9	Simultaneous inactivation of multidrug-resistant Escherichia coli and enterococci by peracetic acid in urban wastewater: Exposure-based kinetics and comparison with chlorine. *Water Research*, **2021**, 202, 117403	12.5	2
8	One planet: one health. A call to support the initiative on a global science-policy body on chemicals and waste.. *Environmental Sciences Europe*, **2022**, 34, 21	5	2
7	Wastewater Reuse, Risk Assessment, Decision-Making: A Three-Ended Narrative Subject **2007**, 193-204		1
6	Implementation of the European IPPC Directive: BAT guidelines for the cement industry in Cyprus. *The Environmentalist*, **2001**, 21, 115-127		1
5	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. *Environmental Technology and Innovation*, **2022**, 26, 102263	7	1

4	Assessing the potential of pharmaceuticals and their transformation products to cause mutagenic effects: Implications for gene expression profiling. *Environmental Toxicology and Chemistry*, **2016**, 35, 2753-2764	3.8	1
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