

Eleni Î•vgenidou

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,548
citations

279701

23
h-index

434063

31
g-index

33
all docs

33
docs citations

33
times ranked

3327
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.	3.9	478
2	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.	5.3	355
3	Semiconductor-sensitized photodegradation of dichlorvos in water using TiO ₂ and ZnO as catalysts. <i>Applied Catalysis B: Environmental</i> , 2005, 59, 81-89.	10.8	289
4	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.	3.9	136
5	Photocatalytic oxidation of dimethoate in aqueous solutions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 175, 29-38.	2.0	130
6	Photocatalytic oxidation of methyl parathion over TiO ₂ and ZnO suspensions. <i>Catalysis Today</i> , 2007, 124, 156-162.	2.2	109
7	Study of the removal of dichlorvos and dimethoate in a titanium dioxide mediated photocatalytic process through the examination of intermediates and the reaction mechanism. <i>Journal of Hazardous Materials</i> , 2006, 137, 1056-1064.	6.5	102
8	Oxidation of two organophosphorous insecticides by the photo-assisted Fenton reaction. <i>Water Research</i> , 2007, 41, 2015-2027.	5.3	88
9	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.	6.5	86
10	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.	3.9	74
11	Removal of antibiotics in aqueous media by using new synthesized bio-based poly(ethylene Terephthalate) (PET) membranes. <i>Journal of Membrane Science</i> , 2021, 628, 118955.	4.2	68
12	Photodegradation of Triazine Herbicides in Aqueous Solutions and Natural Waters. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 6423-6427.	2.4	61
13	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.	3.9	61
14	Photocatalytic removal of fluorouracil using TiO ₂ -P25 and N/S doped TiO ₂ catalysts: A kinetic and mechanistic study. <i>Science of the Total Environment</i> , 2017, 578, 257-267.	3.9	58
15	Adsorption and photocatalysis of nanocrystalline TiO ₂ particles for Reactive Red 195 removal: effect of humic acids, anions and scavengers. <i>Environmental Science and Pollution Research</i> , 2015, 22, 16514-16524.	2.7	50
16	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.	3.3	47
17	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.	2.7	35
18	Photo-catalysis and Polyoxo-anion Decatungstate in Organic Chemistry: A Manifold Concept for Green Chemistry. <i>Current Organic Chemistry</i> , 2012, 16, 2400-2414.	0.9	31

#	ARTICLE	IF	CITATIONS
19	Overarching issues on relevant pesticide transformation products in the aquatic environment: A review. <i>Science of the Total Environment</i> , 2022, 815, 152863.	3.9	29
20	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.	3.9	27
21	New insights into transformation pathways of a mixture of cytostatic drugs using Polyester-TiO ₂ films: Identification of intermediates and toxicity assessment. <i>Science of the Total Environment</i> , 2020, 741, 140394.	3.9	27
22	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.	1.8	26
23	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.	3.9	26
24	Analytical strategies for the determination of antiviral drugs in the aquatic environment. <i>Trends in Environmental Analytical Chemistry</i> , 2019, 24, e00071.	5.3	25
25	A comparative study on the photo-catalytic degradation of Cytarabine anticancer drug under Fe ³⁺ /H ₂ O ₂ , Fe ³⁺ /S ₂ O ₈ ²⁻ , and [Fe(C ₂ O ₄) ₃] ³⁻ /H ₂ O ₂ processes. Kinetics, identification, and in silico toxicity assessment of generated transformation products. <i>Environmental Science and Pollution Research</i> , 2019, 26, 7772-7784.	2.7	23
26	Insights into Biodegradable Polymer-Supported Titanium Dioxide Photocatalysts for Environmental Remediation. <i>Macromol</i> , 2021, 1, 201-233.	2.4	23
27	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.	2.3	21
28	Synthesis of stable aromatic and heteroaromatic sulfonyl-amidoximes and evaluation of their antioxidant and lipid peroxidation activity. <i>European Journal of Medicinal Chemistry</i> , 2014, 80, 145-153.	2.6	20
29	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.	3.9	20
30	Use of Macroalgae as Biological Indicators of Heavy Metal Pollution in Thermaikos Gulf, Greece. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1999, 62, 630-637.	1.3	19
31	Acrylic acid copolymers as adsorbent materials for the removal of anti-inflammatory pharmaceuticals from synthetic biomedical wastewaters. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 629, 127382.	2.3	4