

Isabel Garrido

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

961
citations

430442

18
h-index

500791

28
g-index

48
all docs

48
docs citations

48
times ranked

1130
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of reclaimed agro-wastewater polluted with insecticide residues for irrigation of growing lettuce (<i>Lactuca sativa</i> L) using solar photocatalytic technology. <i>Environmental Pollution</i> , 2022, 292, 118367.	3.7	10
2	Solar reclamation of groundwater and agro-wastewater polluted with pesticide residues using binary semiconductors and persulfates for their reuse in crop irrigation. , 2022, , 267-293.		1
3	Appraisal of water matrix on the removal of fungicide residues by heterogeneous photocatalytic treatment using UV-LED lamp as light source. <i>Environmental Science and Pollution Research</i> , 2021, 28, 23849-23858.	2.7	6
4	Combined ozonation and solarization for the removal of pesticides from soil: Effects on soil microbial communities. <i>Science of the Total Environment</i> , 2021, 758, 143950.	3.9	18
5	Solar photocatalysis as strategy for on-site reclamation of agro-wastewater polluted with pesticide residues on farms using a modular facility. <i>Environmental Science and Pollution Research</i> , 2021, 28, 23647-23656.	2.7	3
6	Photocatalytic Oxidation of Chlorantraniliprole, Imidacloprid, Pirimicarb, Thiamethoxam and Their Main Photoreaction InterMediates as Impacted by Water Matrix Composition under UVA-LED Exposure. <i>Catalysts</i> , 2021, 11, 609.	1.6	2
7	Mobility of insecticide residues and main intermediates in a clay-loam soil, and impact of leachate components on their photocatalytic degradation. <i>Chemosphere</i> , 2021, 274, 129965.	4.2	23
8	Photocatalytic degradation of four insecticides and their main generated transformation products in soil and pepper crop irrigated with reclaimed agro-wastewater under natural sunlight. <i>Journal of Hazardous Materials</i> , 2021, 414, 125603.	6.5	13
9	Financial assessment of an in-farm remediation system for the reuse of agro-wastewater with pesticides. <i>Agricultural Water Management</i> , 2021, 256, 107087.	2.4	2
10	Risk Assessment of 1,2,4-Triazole-Typed Fungicides for Groundwater Pollution Using Leaching Potential Indices. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	5
11	Electrospun silk fibroin/TiO ₂ mats. Preparation, characterization and efficiency for the photocatalytic solar treatment of pesticide polluted water. <i>RSC Advances</i> , 2020, 10, 1917-1924.	1.7	11
12	Solar-driven photocatalytic treatment as sustainable strategy to remove pesticide residues from leaching water. <i>Environmental Science and Pollution Research</i> , 2020, 27, 7222-7233.	2.7	27
13	Solar reclamation of agro-wastewater polluted with eight pesticides by heterogeneous photocatalysis using a modular facility. A case study. <i>Chemosphere</i> , 2020, 249, 126156.	4.2	19
14	Decline of fluroxypyr and triclopyr residues from pure, drinking and leaching water by photo-assisted peroxonation. <i>Chemical Engineering Research and Design</i> , 2020, 137, 358-365.	2.7	13
15	Photocatalytic Performance of Electrospun Silk Fibroin/ZnO Mats to Remove Pesticide Residues from Water under Natural Sunlight. <i>Catalysts</i> , 2020, 10, 110.	1.6	12
16	Reclamation of agro-wastewater polluted with thirteen pesticides by solar photocatalysis to reuse in irrigation of greenhouse lettuce grown. <i>Journal of Environmental Management</i> , 2020, 266, 110565.	3.8	24
17	Liquid-liquid microextraction of glyphosate, glufosinate and aminomethylphosphonic acid for the analysis of agricultural samples by liquid chromatography. <i>Analytical Methods</i> , 2020, 12, 2039-2045.	1.3	4
18	Solarization-based pesticide degradation results in decreased activity and biomass of the soil microbial community. <i>Geoderma</i> , 2019, 354, 113893.	2.3	12

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19	Reclamation of agro-wastewater polluted with pesticide residues using sunlight activated persulfate for agricultural reuse. <i>Science of the Total Environment</i> , 2019, 660, 923-930.	3.9	66
20	Removal of Pesticides with Endocrine Disruptor Activity in Wastewater Effluent by Solar Heterogeneous Photocatalysis Using ZnO/Na ₂ S ₂ O ₈ . <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	1.1	19
21	Microwave Assisted Cloud Point Extraction for the Determination of Vitamin K Homologues in Vegetables by Liquid Chromatography with Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6658-6664.	2.4	10
22	Implementation of a new modular facility to detoxify agro-wastewater polluted with neonicotinoid insecticides in farms by solar photocatalysis. <i>Energy</i> , 2019, 175, 722-729.	4.5	28
23	Photooxidation of insecticide residues by ZnO and TiO ₂ coated magnetic nanoparticles under natural sunlight. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 372, 245-253.	2.0	25
24	Solar photocatalytic reclamation of agro-waste water polluted with twelve pesticides for agricultural reuse. <i>Chemosphere</i> , 2019, 214, 839-845.	4.2	39
25	Reliable analysis of chlorophenoxy herbicides in soil and water by magnetic solid phase extraction and liquid chromatography. <i>Environmental Chemistry Letters</i> , 2018, 16, 1077-1082.	8.3	12
26	Magnetic solid-phase extraction or dispersive liquid-liquid microextraction for pyrethroid determination in environmental samples. <i>Journal of Separation Science</i> , 2018, 41, 2565-2575.	1.3	16
27	Photocatalytic oxidation of six endocrine disruptor chemicals in wastewater using ZnO at pilot plant scale under natural sunlight. <i>Environmental Science and Pollution Research</i> , 2018, 25, 34995-35007.	2.7	43
28	Photocatalytic oxidation of six pesticides listed as endocrine disruptor chemicals from wastewater using two different TiO ₂ samples at pilot plant scale under sunlight irradiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 353, 271-278.	2.0	52
29	Solar reclamation of wastewater effluent polluted with bisphenols, phthalates and parabens by photocatalytic treatment with TiO ₂ /Na ₂ S ₂ O ₈ at pilot plant scale. <i>Chemosphere</i> , 2018, 212, 95-104.	4.2	47
30	Combination of solvent extractants for dispersive liquid-liquid microextraction of fungicides from water and fruit samples by liquid chromatography with tandem mass spectrometry. <i>Food Chemistry</i> , 2017, 233, 69-76.	4.2	21
31	Enhanced degradation of spiro-insecticides and their leacher enol derivatives in soil by solarization and biosolarization techniques. <i>Environmental Science and Pollution Research</i> , 2017, 24, 9278-9285.	2.7	9
32	Trial of solar heating methods (solarization and biosolarization) to reduce persistence of neonicotinoid and diamide insecticides in a semiarid Mediterranean soil. <i>Science of the Total Environment</i> , 2017, 590-591, 325-332.	3.9	23
33	Solar detoxification of water polluted with fungicide residues using ZnO-coated magnetic particles. <i>Chemical Engineering Journal</i> , 2017, 330, 71-81.	6.6	15
34	Evaluation of the Leaching Potential of Anthranilamide Insecticides Through the Soil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 99, 465-469.	1.3	11
35	Determination of synthetic phosphodiesterase-5 inhibitors by LC-MS ² in waters and human urine submitted to dispersive liquid-liquid microextraction. <i>Talanta</i> , 2017, 174, 638-644.	2.9	17
36	Photooxidation of three spirocyclic acid derivative insecticides in aqueous suspensions as catalyzed by titanium and zinc oxides. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 328, 189-197.	2.0	10

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37	Determination of spirocyclic tetronic/tetramic acid derivatives and neonicotinoid insecticides in fruits and vegetables by liquid chromatography and mass spectrometry after dispersive liquid-liquid microextraction. <i>Food Chemistry</i> , 2016, 202, 389-395.	4.2	60
38	Reclamation of Water Polluted with Flubendiamide Residues by Photocatalytic Treatment with Semiconductor Oxides. <i>Photochemistry and Photobiology</i> , 2015, 91, 1088-1094.	1.3	8
39	Use of different organic wastes as strategy to mitigate the leaching potential of phenylurea herbicides through the soil. <i>Environmental Science and Pollution Research</i> , 2015, 22, 4336-4349.	2.7	17
40	Photometabolic pathways of chlorantraniliprole in aqueous slurries containing binary and ternary oxides of Zn and Ti. <i>Chemical Engineering Journal</i> , 2015, 264, 720-727.	6.6	20
41	Photodegradation of neonicotinoid insecticides in water by semiconductor oxides. <i>Environmental Science and Pollution Research</i> , 2015, 22, 15055-15066.	2.7	47
42	Photocatalytic mitigation of triazinone herbicide residues using titanium dioxide in slurry photoreactor. <i>Catalysis Today</i> , 2015, 252, 70-77.	2.2	38
43	Dispersive liquid-liquid microextraction for the determination of new generation pesticides in soils by liquid chromatography and tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1394, 1-8.	1.8	35
44	Photocatalytic oxidation of pirimicarb in aqueous slurries containing binary and ternary oxides of zinc and titanium. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 298, 24-32.	2.0	37
45	Testing of leachability and persistence of sixteen pesticides in three agricultural soils of a semiarid Mediterranean region. <i>Spanish Journal of Agricultural Research</i> , 2015, 13, e1104.	0.3	5
46	Use of different organic wastes in reducing the potential leaching of propanil, isoxaben, cadusafos and pencycuron through the soil. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2014, 49, 601-608.	0.7	7
47	Fipronil decomposition in aqueous semiconductor suspensions using UV light and solar energy. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 981-988.	2.7	7
48	Abatement of spinosad and indoxacarb residues in pure water by photocatalytic treatment using binary and ternary oxides of Zn and Ti. <i>Environmental Science and Pollution Research</i> , 2014, 21, 12143-12153.	2.7	12