Helen Karasali

List of Publications by Year
in descending order

40 papers	436 citations	759233 12 h-index	839539 18 g-index
41 all docs	41 docs citations	41 times ranked	489 citing authors

#	Article	IF	Citations
1	Electrochemical promotion of the CO2 hydrogenation on Pd/YSZ and Pd/Î²â€³-Al2O3 catalyst-electrodes. Solid State Ionics, 2008, 179, 1391-1395.	2.7	38
2	Electrochemical promotion of CO2 hydrogenation on Rh/YSZ electrodes. Journal of Applied Electrochemistry, 2008, 38, 1127-1133.	2.9	35
3	Design of a European agrochemical plastic packaging waste management schemeâ€"Pilot implementation in Greece. Resources, Conservation and Recycling, 2014, 87, 72-88.	10.8	27
4	A Comprehensive Review of Organochlorine Pesticide Monitoring in Agricultural Soils: The Silent Threat of a Conventional Agricultural Past. Agriculture (Switzerland), 2022, 12, 728.	3.1	25
5	Isolation screening and characterisation of local beneficial rhizobacteria based upon their ability to suppress the growth ofFusarium oxysporumf. sp.radicis-lycopersiciand tomato foot and root rot. Biocontrol Science and Technology, 2015, 25, 928-949.	1.3	24
6	Pesticide residue concentration in soil following conventional and Low-Input Crop Management in a Mediterranean agro-ecosystem, in Central Greece. Science of the Total Environment, 2016, 541, 130-142.	8.0	21
7	Photodegradation of the herbicide azimsulfuron using nanocrystalline titania films as photocatalyst and low intensity Black Light radiation or simulated solar radiation as excitation source. Journal of Hazardous Materials, 2009, 163, 756-760.	12.4	18
8	Pesticide and Fertilizer Pollution Reduction in Two Alley Cropping Agroforestry Cultivating Systems. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	18
9	Occurrence and distribution of trifluralin, ethalfluralin, and pendimethalin in soils used for long-term intensive cotton cultivation in central Greece. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2017, 52, 719-728.	1.5	17
10	Monitoring of glyphosate and AMPA in soil samples from two olive cultivation areas in Greece: aspects related to spray operators activities. Environmental Monitoring and Assessment, 2018, 190, 361.	2.7	16
11	Investigation of the presence of glyphosate and its major metabolite AMPA in Greek soils. Environmental Science and Pollution Research, 2019, 26, 36308-36321.	5.3	15
12	Tree uptake of excess nutrients and herbicides in a maize-olive tree cultivation system. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2018, 53, 1-12.	1.7	14
13	Performance of Pilot-scale Constructed Floating Wetlands in the Removal of Nutrients and Pesticides. Water Resources Management, 2022, 36, 399-416.	3.9	14
14	Non-Faradaic Electrochemical Modification of Catalytic Activity in Stabilized Zirconia Cells: The Oxidation of CO an Pt. Materials Science Forum, 1991, 76, 171-174.	0.3	13
15	Rapid Determination of Famoxadone and Cymoxanil in Commercial Pesticide Formulation by High Performance Liquid Chromatography Using a C18 Monolithic Rod Column. Bulletin of Environmental Contamination and Toxicology, 2014, 93, 775-780.	2.7	12
16	Development and single-laboratory validation of a new gas chromatographic multi-pesticide method of analysis of commercial emulsifiable concentrate formulations containing alachlor, chlorpyrifos methyl, fenthion and trifluralin as active ingredients. Journal of Chromatography A, 2006, 1129, 300-303.	3.7	11
17	Case Study To Illustrate an Approach for Detecting Contamination and Impurities in Pesticide Formulations. Journal of Agricultural and Food Chemistry, 2014, 62, 11347-11352.	5.2	11
18	Glyphosate Residues in Soil and Air: An Integrated Review. , 0, , .		11

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19	Rapid determination of fosetyl-aluminium in commercial pesticide formulations by high-performance liquid chromatography. Chemical Papers, 2014, 68, .	2.2	9
20	Photocatalytic Degradation of a Water Soluble Herbicide by Pure and Noble Metal DepositedTiO2Nanocrystalline Films. International Journal of Photoenergy, 2008, 2008, 1-7.	2.5	8
21	Pesticides and Herbicides: Types of Pesticide. , 2016, , 319-325.		8
22	PESTICIDE RESIDUES IN THERMAL MINERAL WATER IN GREECE. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2002, 37, 465-474.	1.5	7
23	Quality control data of fenthion and trifluralin determination in pesticide formulations. International Journal of Environmental Analytical Chemistry, 2004, 84, 55-63.	3.3	7
24	HPLC Determination of Mepiquat Chloride in Commercial Pesticide Formulations. Bulletin of Environmental Contamination and Toxicology, 2009, 83, 636-639.	2.7	7
25	Determination of Arsenic in Honey, Propolis, Pollen, and Honey Bees by Microwave Digestion and Hydride Generation Flame Atomic Absorption. Analytical Letters, 2017, 50, 1831-1838.	1.8	7
26	Evaluation of the water quality status of two surface water reservoirs in a Mediterranean island. Environmental Monitoring and Assessment, 2018, 190, 570.	2.7	7
27	A Dieldrin Case Study: Another Evidence of an Obsolete Substance in the European Soil Environment. Agriculture (Switzerland), 2021, 11, 314.	3.1	7
28	Development and Validation of a Simple and Efficient Method for the Determination of Pendimethalin and Its Metabolite M455H001 in Soil by Liquid Chromatographyâ€“Tandem Mass Spectrometry (LC-MS/MS). Analytical Letters, 2019, 52, 685-696.	1.8	6
29	Experimental investigation of the efficiency of triple rinsing of agricultural containers regarding their characterization as non-hazardous wastes. Toxicological and Environmental Chemistry, 2015, 97, 22-31.	1.2	4
30	Dynamics of changes in the concentrations of herbicides and nutrients in the soils of a combined wheat-poplar tree cultivation: a field experimental model during the growing season. Agroforestry Systems, 2021, 95, 321-338.	2.0	4
31	Microwave-assisted acid extraction of the major metal elements in herbal extracts followed by flame atomic absorption spectrometric (FAAS) determination. Toxicological and Environmental Chemistry, 2016, 98, 1173-1182.	1.2	3
32	Catalytic and Electrocatalytic Reactions in Solid Electrolyte Cells: The Nemca Effect. Materials Science Forum, 1991, 76, 141-148.	0.3	2
33	Capillary Gas Chromatography Method for Alachlor in Pesticide Formulations. Bulletin of Environmental Contamination and Toxicology, 2005, 75, 257-263.	2.7	2
34	Determination of azoxystrobin, topramezone, acetamiprid, fluometuron and folpet in their commercially available pesticide formulations by liquid chromatography. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2021, 56, 503-511.	1.5	2
35	Natural Remediation Techniques for Water Quality Protection and Restoration. Environmental Chemistry for A Sustainable World, 2020, , 327-340.	0.5	2
36	Solid Electrolytes for in Situ Promotion of Catalyst Surfaces: The Nemca Effect. Studies in Surface Science and Catalysis, 1993, 75, 2139-2142.	1.5	1

#	Article	IF	Citations
37	Non-extractable Pesticide Residues in Soils. Sustainable Agriculture Reviews, 2021, , 203-226.	1.1	1
38	A Life Cycle Analysis to Optimally Manage Wasted Plastic Pesticide Containers. Sustainability, 2022, 14, 8405.	3.2	1
39	â€˜Single-laboratoryâ€™ validation of a method of quantitative analysis of alachlor, chlorpyriphos-methyl, fenthion, and trifluralin. International Journal of Environmental Analytical Chemistry, 2006, 86, 53-62.	3.3	0
40	Insecticidal plant extracts from the Greek biodiversity: Biological activity and phytochemical characterization. Planta Medica, 2015, 81, .	1.3	0