

Evangelos Gidakos

List of Publications by Year in descending order

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53
papers

2,998
citations

126907

33
h-index

168389

53
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53
all docs

53
docs citations

53
times ranked

3388
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling the Life Cycle Inventory of a Centralized Composting Facility in Greece. Applied Sciences (Switzerland), 2022, 12, 2047.	2.5	4
2	Valorisation of soil contaminated by petroleum hydrocarbons and toxic metals in geopolymer mortar formation. Journal of Environmental Management, 2021, 278, 111410.	7.8	6
3	Assessment of tetrabromobisphenol-A (TBBPA) content in plastic waste recovered from WEEE. Journal of Hazardous Materials, 2020, 390, 121641.	12.4	23
4	Pre-concentration and recovery of silver and indium from crystalline silicon and copper indium selenide photovoltaic panels. Journal of Cleaner Production, 2020, 250, 119440.	9.3	28
5	The degree and source of plastic recyclates contamination with polycyclic aromatic hydrocarbons. RSC Advances, 2020, 10, 44989-44996.	3.6	14
6	Use and assessment of "recycled plastics" as recycled aggregates in cement mortar. Journal of Hazardous Materials, 2019, 379, 120776.	12.4	22
7	Evaluation and comparison of pre-treatment techniques for recovering indium from discarded liquid crystal displays. Waste Management, 2019, 87, 51-61.	7.4	12
8	Energy efficient production of glass-ceramics using photovoltaic (P/V) glass and lignite fly ash. Waste Management, 2019, 90, 46-58.	7.4	22
9	Monitoring the biodegradation of TPH and PAHs in refinery solid waste by biostimulation and bioaugmentation. Journal of Environmental Chemical Engineering, 2019, 7, 103054.	6.7	49
10	Chemical pretreatment of lignocellulosic agroindustrial waste for methane production. Waste Management, 2018, 71, 689-703.	7.4	72
11	Slaughterhouse by-products treatment using anaerobic digestion. Waste Management, 2018, 71, 652-662.	7.4	53
12	Magnesium oxide production from chrysotile asbestos detoxification with oxalic acid treatment. Journal of Hazardous Materials, 2017, 336, 93-100.	12.4	24
13	Microwave pretreatment of lignocellulosic agroindustrial waste for methane production. Journal of Environmental Chemical Engineering, 2017, 5, 352-365.	6.7	46
14	Anaerobic digestion of solid agroindustrial waste in semi-continuous mode: Evaluation of mono-digestion and co-digestion systems. Waste Management, 2017, 68, 103-119.	7.4	38
15	Toxicity assessment and feasible recycling process for amorphous silicon and CIS waste photovoltaic panels. Waste Management, 2017, 59, 394-402.	7.4	64
16	Effect of substrate to inoculum ratio and inoculum type on the biochemical methane potential of solid agroindustrial waste. Journal of Environmental Chemical Engineering, 2016, 4, 3217-3229.	6.7	92
17	Application of ecological risk indicators for the assessment of Greek surficial sediments contaminated by toxic metals. Environmental Monitoring and Assessment, 2016, 188, 271.	2.7	7
18	Consecutive anaerobic-aerobic treatment of the organic fraction of municipal solid waste and lignocellulosic materials in laboratory-scale landfill-bioreactors. Waste Management, 2016, 56, 181-189.	7.4	16

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19	Effect of alkaline pretreatment on anaerobic digestion of olive mill solid waste. <i>Waste Management</i> , 2016, 58, 160-168.	7.4	46
20	Performance of electroremediation in real contaminated sediments using a big cell, periodic voltage and innovative surfactants. <i>Journal of Hazardous Materials</i> , 2016, 320, 376-385.	12.4	45
21	Chrysotile asbestos detoxification with a combined treatment of oxalic acid and silicates producing amorphous silica and biomaterial. <i>Journal of Hazardous Materials</i> , 2016, 305, 164-170.	12.4	27
22	Optimization of electrocoagulation (EC) process for the purification of a real industrial wastewater from toxic metals. <i>Journal of Environmental Management</i> , 2015, 154, 117-127.	7.8	119
23	Comparative assessment of compost and zeolite utilisation for the simultaneous removal of BTEX, Cd and Zn from the aqueous phase: Batch and continuous flow study. <i>Journal of Environmental Management</i> , 2015, 159, 218-226.	7.8	38
24	Leaching capacity of metals and metalloids and recovery of valuable materials from waste LCDs. <i>Waste Management</i> , 2015, 45, 314-324.	7.4	62
25	Effect of dried olive pomace derived biochar on the mobility of cadmium and nickel in soil. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 1163-1176.	6.7	24
26	Solidification/stabilization of ash from medical waste incineration into geopolymers. <i>Waste Management</i> , 2014, 34, 1823-1828.	7.4	96
27	Assessment of toxic metals in waste personal computers. <i>Waste Management</i> , 2014, 34, 1480-1487.	7.4	58
28	Determination of toxic metals in discarded Liquid Crystal Displays (LCDs). <i>Resources, Conservation and Recycling</i> , 2014, 92, 108-115.	10.8	68
29	Sequential application of chelating agents and innovative surfactants for the enhanced electroremediation of real sediments from toxic metals and PAHs. <i>Chemosphere</i> , 2014, 105, 44-52.	8.2	77
30	Qualitative and quantitative determination of heavy metals in waste cellular phones. <i>Waste Management</i> , 2013, 33, 1882-1889.	7.4	73
31	Use of Sediment Quality Guidelines and pollution indicators for the assessment of heavy metal and PAH contamination in Greek surficial sea and lake sediments. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 2843-2853.	2.7	81
32	Use and comparison of the non-ionic surfactants Poloxamer 407 and Nonidet P40 with HP- β -CD cyclodextrin, for the enhanced electroremediation of real contaminated sediments from PAHs. <i>Separation and Purification Technology</i> , 2013, 113, 104-113.	7.9	35
33	Assessment of released heavy metals from electrical and electronic equipment (EEE) existing in shipwrecks through laboratory-scale simulation reactor. <i>Journal of Hazardous Materials</i> , 2013, 250-251, 256-264.	12.4	8
34	E-waste recycling environmental contamination: Mandoli, India. <i>Proceedings of Institution of Civil Engineers: Waste and Resource Management</i> , 2012, 165, 45-52.	0.8	5
35	Adsorption of Cu(II) ions from aqueous solutions on biochars prepared from agricultural by-products. <i>Journal of Environmental Management</i> , 2012, 96, 35-42.	7.8	280
36	Adsorption of BTEX, MTBE and TAME on natural and modified diatomite. <i>Journal of Hazardous Materials</i> , 2012, 207-208, 117-127.	12.4	86

#	ARTICLE	IF	CITATIONS
37	Removal of BTEX, MTBE and TAME from aqueous solutions by adsorption onto raw and thermally treated lignite. <i>Journal of Hazardous Materials</i> , 2012, 207-208, 136-146.	12.4	67
38	Solidification/stabilization of fly and bottom ash from medical waste incineration facility. <i>Journal of Hazardous Materials</i> , 2012, 207-208, 165-170.	12.4	108
39	Application of sequential extraction analysis to electrokinetic remediation of cadmium, nickel and zinc from contaminated soils. <i>Journal of Hazardous Materials</i> , 2010, 184, 547-554.	12.4	80
40	BTEX and MTBE adsorption onto raw and thermally modified diatomite. <i>Journal of Hazardous Materials</i> , 2010, 178, 136-143.	12.4	149
41	Hydrothermal conversion of chrysotile asbestos using near supercritical conditions. <i>Journal of Hazardous Materials</i> , 2010, 179, 926-932.	12.4	48
42	Comparative studies of aerobic and anaerobic treatment of MSW organic fraction in landfill bioreactors. <i>Environmental Technology (United Kingdom)</i> , 2010, 31, 1381-1389.	2.2	31
43	Determination of heavy metals and halogens in plastics from electric and electronic waste. <i>Waste Management</i> , 2009, 29, 2700-2706.	7.4	85
44	Small WEEE: Determining recyclables and hazardous substances in plastics. <i>Journal of Hazardous Materials</i> , 2009, 161, 913-919.	12.4	157
45	Characterization and hazard evaluation of bottom ash produced from incinerated hospital waste. <i>Journal of Hazardous Materials</i> , 2009, 172, 935-942.	12.4	80
46	Chelating agent-assisted electrokinetic removal of cadmium, lead and copper from contaminated soils. <i>Environmental Pollution</i> , 2009, 157, 3379-3386.	7.5	76
47	Transport of cadmium and assessment of phytotoxicity after electrokinetic remediation. <i>Journal of Environmental Management</i> , 2008, 86, 535-544.	7.8	18
48	Investigative studies for the use of an inactive asbestos mine as a disposal site for asbestos wastes. <i>Journal of Hazardous Materials</i> , 2008, 153, 955-965.	12.4	28
49	Identifying Sources of Oil Spills in a Refinery by Gas Chromatography and Chemometrics: A Case Study. <i>Environmental Forensics</i> , 2008, 9, 33-39.	2.6	10
50	Application of sodium dodecyl sulfate and humic acid as surfactants on electrokinetic remediation of cadmium-contaminated soil. <i>Desalination</i> , 2007, 211, 249-260.	8.2	67
51	Toxicity evaluation for the broad area of the asbestos mine of northern Greece. <i>Journal of Hazardous Materials</i> , 2007, 139, 9-18.	12.4	22
52	Chelate Agents Enhanced Electrokinetic Remediation for Removal Cadmium and Zinc by Conditioning Catholyte pH. <i>Water, Air, and Soil Pollution</i> , 2006, 172, 295-312.	2.4	66
53	Washing enhanced electrokinetic remediation for removal cadmium from real contaminated soil. <i>Journal of Hazardous Materials</i> , 2005, 123, 165-175.	12.4	86