

# Evangelos Gidakos

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

2,998  
citations

126907

33  
h-index

168389

53  
g-index

53  
all docs

53  
docs citations

53  
times ranked

3388  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Small WEEE: Determining recyclables and hazardous substances in plastics. <i>Journal of Hazardous Materials</i> , 2009, 161, 913-919.	12.4	157
3	BTEX and MTBE adsorption onto raw and thermally modified diatomite. <i>Journal of Hazardous Materials</i> , 2010, 178, 136-143.	12.4	149
4	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
5	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
6	Solidification/stabilization of ash from medical waste incineration into geopolymers. <i>Waste Management</i> , 2014, 34, 1823-1828.	7.4	96
7	Effect of substrate to inoculum ratio and inoculum type on the biochemical methane potential of solid agroindustrial waste. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 3217-3229.	6.7	92
8	Washing enhanced electrokinetic remediation for removal cadmium from real contaminated soil. <i>Journal of Hazardous Materials</i> , 2005, 123, 165-175.	12.4	86
9	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
10	Determination of heavy metals and halogens in plastics from electric and electronic waste. <i>Waste Management</i> , 2009, 29, 2700-2706.	7.4	85
11	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
12	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
13	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
14	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
15	Chelating agent-assisted electrokinetic removal of cadmium, lead and copper from contaminated soils. <i>Environmental Pollution</i> , 2009, 157, 3379-3386.	7.5	76
16	Qualitative and quantitative determination of heavy metals in waste cellular phones. <i>Waste Management</i> , 2013, 33, 1882-1889.	7.4	73
17	Chemical pretreatment of lignocellulosic agroindustrial waste for methane production. <i>Waste Management</i> , 2018, 71, 689-703.	7.4	72
18	Determination of toxic metals in discarded Liquid Crystal Displays (LCDs). <i>Resources, Conservation and Recycling</i> , 2014, 92, 108-115.	10.8	68

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19	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
20	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
21	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
22	Toxicity assessment and feasible recycling process for amorphous silicon and CIS waste photovoltaic panels. <i>Waste Management</i> , 2017, 59, 394-402.	7.4	64
23	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
24	Assessment of toxic metals in waste personal computers. <i>Waste Management</i> , 2014, 34, 1480-1487.	7.4	58
25	Slaughterhouse by-products treatment using anaerobic digestion. <i>Waste Management</i> , 2018, 71, 652-662.	7.4	53
26	Monitoring the biodegradation of TPH and PAHs in refinery solid waste by biostimulation and bioaugmentation. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103054.	6.7	49
27	Hydrothermal conversion of chrysotile asbestos using near supercritical conditions. <i>Journal of Hazardous Materials</i> , 2010, 179, 926-932.	12.4	48
28	Effect of alkaline pretreatment on anaerobic digestion of olive mill solid waste. <i>Waste Management</i> , 2016, 58, 160-168.	7.4	46
29	Microwave pretreatment of lignocellulosic agroindustrial waste for methane production. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 352-365.	6.7	46
30	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
31	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
32	Anaerobic digestion of solid agroindustrial waste in semi-continuous mode: Evaluation of mono-digestion and co-digestion systems. <i>Waste Management</i> , 2017, 68, 103-119.	7.4	38
33	Use and comparison of the non-ionic surfactants Poloxamer 407 and Nonidet P40 with HP- $\beta$ -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
34	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
35	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
36	Pre-concentration and recovery of silver and indium from crystalline silicon and copper indium selenide photovoltaic panels. <i>Journal of Cleaner Production</i> , 2020, 250, 119440.	9.3	28

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37	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
38	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
39	Magnesium oxide production from chrysotile asbestos detoxification with oxalic acid treatment. <i>Journal of Hazardous Materials</i> , 2017, 336, 93-100.	12.4	24
40	Assessment of tetrabromobisphenol-A (TBBPA) content in plastic waste recovered from WEEE. <i>Journal of Hazardous Materials</i> , 2020, 390, 121641.	12.4	23
41	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
42	Use and assessment of “plastics” as recycled aggregates in cement mortar. <i>Journal of Hazardous Materials</i> , 2019, 379, 120776.	12.4	22
43	Energy efficient production of glass-ceramics using photovoltaic (P/V) glass and lignite fly ash. <i>Waste Management</i> , 2019, 90, 46-58.	7.4	22
44	Transport of cadmium and assessment of phytotoxicity after electrokinetic remediation. <i>Journal of Environmental Management</i> , 2008, 86, 535-544.	7.8	18
45	Consecutive anaerobic-aerobic treatment of the organic fraction of municipal solid waste and lignocellulosic materials in laboratory-scale landfill-bioreactors. <i>Waste Management</i> , 2016, 56, 181-189.	7.4	16
46	The degree and source of plastic recyclates contamination with polycyclic aromatic hydrocarbons. <i>RSC Advances</i> , 2020, 10, 44989-44996.	3.6	14
47	Evaluation and comparison of pre-treatment techniques for recovering indium from discarded liquid crystal displays. <i>Waste Management</i> , 2019, 87, 51-61.	7.4	12
48	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
49	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
50	Application of ecological risk indicators for the assessment of Greek surficial sediments contaminated by toxic metals. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 271.	2.7	7
51	Valorisation of soil contaminated by petroleum hydrocarbons and toxic metals in geopolymer mortar formation. <i>Journal of Environmental Management</i> , 2021, 278, 111410.	7.8	6
52	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
53	Modeling the Life Cycle Inventory of a Centralized Composting Facility in Greece. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2047.	2.5	4