

Georgios Bartzas

List of Publications by Year in descending order

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43
papers

1,482
citations

331670

21
h-index

315739

38
g-index

45
all docs

45
docs citations

45
times ranked

1591
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantification of trace elements in surgical and KN95 face masks widely used during the SARS-COVID-19 pandemic. <i>Science of the Total Environment</i> , 2022, 814, 151924.	8.0	29
2	CO2 Sequestration Using Fly Ash from Lignite Power Plants. , 2022, 5, .		1
3	Waste marble dust and recycled glass valorization in the production of ternary blended cements. <i>Science of the Total Environment</i> , 2021, 761, 143224.	8.0	35
4	Marble Waste Valorization through Alkali Activation. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 46.	2.0	15
5	Factors Affecting Alkali Activation of Laterite Acid Leaching Residues. <i>Environments - MDPI</i> , 2021, 8, 4.	3.3	8
6	Editorial for Special Issue: Alkali Activated Materials: Advances, Innovations, Future Trends. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 75.	2.0	3
7	Arsenic release through refractory gold ore processing. Immobilization and decontamination approaches. <i>Current Opinion in Environmental Science and Health</i> , 2021, 20, 100236.	4.1	4
8	Nickel industry: Heavy metal(loid)s contamination - sources, environmental impacts and recent advances on waste valorization. <i>Current Opinion in Environmental Science and Health</i> , 2021, 21, 100253.	4.1	15
9	Tracing the origin of chromium in groundwater: Current and new perspectives. <i>Current Opinion in Environmental Science and Health</i> , 2021, 22, 100267.	4.1	19
10	An integrated multi-criteria analysis for assessing sustainability of agricultural production at regional level. <i>Information Processing in Agriculture</i> , 2020, 7, 223-232.	4.1	28
11	Environmental Risk Assessment in Agriculture: The Example of Pistacia vera L. Cultivation in Greece. <i>Sustainability</i> , 2020, 12, 5735.	3.2	3
12	Factors affecting co-valorization of fayalitic and ferronickel slags for the production of alkali activated materials. <i>Science of the Total Environment</i> , 2020, 721, 137753.	8.0	31
13	Grinding Behavior and Potential Beneficiation Options of Bauxite Ores. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 314.	2.0	5
14	Synthesis of Zeolites from Greek Fly Ash and Assessment of Their Copper Removal Capacity. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 844.	2.0	6
15	Properties of Inorganic Polymers Produced from Brick Waste and Metallurgical Slag. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 844.	2.0	6
16	Assessment of Alkali Activation Potential of a Polish Ferronickel Slag. <i>Sustainability</i> , 2019, 11, 1863.	3.2	23
17	Column leaching of low-grade saprolitic laterites and valorization of leaching residues. <i>Science of the Total Environment</i> , 2019, 665, 347-357.	8.0	37
18	Grinding Kinetics of Slag and Effect of Final Particle Size on the Compressive Strength of Alkali Activated Materials. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 714.	2.0	29

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19	Vitrified medical wastes bottom ash in cement clinkerization. Microstructural, hydration and leaching characteristics. <i>Science of the Total Environment</i> , 2018, 635, 705-715.	8.0	17
20	Characterization and leachability evaluation of medical wastes incineration fly and bottom ashes and their vitrification outgrowths. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 367-376.	6.7	24
21	Synthetic wollastonitic glass ceramics derived from recycled glass and medical waste incinerator fly ash. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 5812-5819.	6.7	14
22	Energy flow analysis in agriculture; the case of irrigated pistachio production in Greece. <i>Sustainable Energy Technologies and Assessments</i> , 2018, 28, 73-80.	2.7	10
23	Comparative life cycle assessment of pistachio, almond and apple production. <i>Information Processing in Agriculture</i> , 2017, 4, 188-198.	4.1	25
24	Life cycle analysis of pistachio production in Greece. <i>Science of the Total Environment</i> , 2017, 595, 13-24.	8.0	40
25	Adsorption of Scandium and Neodymium on Biochar Derived after Low-Temperature Pyrolysis of Sawdust. <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 200.	2.0	19
26	Assessment of groundwater vulnerability to pollution in Barrax, Albacete, Spain. <i>Acta Horticulturae</i> , 2016, , 221-226.	0.2	0
27	Efficiency of pecan shells and sawdust biochar on Pb and Cu adsorption. <i>Desalination and Water Treatment</i> , 2016, 57, 3237-3246.	1.0	29
28	Efficiency of composite permeable reactive barriers for the removal of Cr(VI) from leachates. <i>Desalination and Water Treatment</i> , 2016, 57, 8990-9000.	1.0	4
29	Life cycle assessment of open field and greenhouse cultivation of lettuce and barley. <i>Information Processing in Agriculture</i> , 2015, 2, 191-207.	4.1	53
30	Life cycle assessment of ferronickel production in Greece. <i>Resources, Conservation and Recycling</i> , 2015, 105, 113-122.	10.8	48
31	Effect of synthesis parameters on the quality of construction and demolition wastes (CDW) geopolymers. <i>Advanced Powder Technology</i> , 2015, 26, 368-376.	4.1	211
32	Assessment of Pistachio Shell Biochar Quality and Its Potential for Adsorption of Heavy Metals. <i>Waste and Biomass Valorization</i> , 2015, 6, 805-816.	3.4	110
33	Assessment of groundwater contamination risk in an agricultural area in north Italy. <i>Information Processing in Agriculture</i> , 2015, 2, 109-129.	4.1	42
34	Assessment of Aquifer Vulnerability in an Agricultural Area in Spain Using the DRASTIC Model. <i>Environmental Forensics</i> , 2015, 16, 356-373.	2.6	15
35	Effect of sulphate and nitrate anions on heavy metal immobilisation in ferronickel slag geopolymers. <i>Applied Clay Science</i> , 2013, 73, 103-109.	5.2	106
36	Removal of heavy metals from leachates using organic/inorganic permeable reactive barriers. <i>Desalination and Water Treatment</i> , 2013, 51, 3052-3059.	1.0	13

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37	Solid phase studies and geochemical modelling of low-cost permeable reactive barriers. Journal of Hazardous Materials, 2010, 183, 301-308.	12.4	74
38	Long-term efficiency and kinetic evaluation of ZVI barriers during clean-up of copper containing solutions. Minerals Engineering, 2007, 20, 1200-1209.	4.3	54
39	Inorganic Contaminant Fate Assessment in Zero-Valent Iron Treatment Walls. Environmental Forensics, 2006, 7, 207-217.	2.6	26
40	Laboratory evaluation of FeO barriers to treat acidic leachates. Minerals Engineering, 2006, 19, 505-514.	4.3	73
41	Modeling of Reaction Front Progress in Fly Ash Permeable Reactive Barriers. Environmental Forensics, 2006, 7, 219-231.	2.6	16
42	Efficiency of limestone and red mud barriers: laboratory column studies. Minerals Engineering, 2004, 17, 183-194.	4.3	141
43	Evaluation of groundwater vulnerability in a Greek island using GIS-based models. , 0, 67, 61-73.		5