

Maria Harja

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

79
papers

848
citations

16
h-index

25
g-index

85
ext. papers

1,064
ext. citations

2.2
avg. IF

4.97
L-index

#	Paper	IF	Citations
79	Studies on adsorption of oxytetracycline from aqueous solutions onto hydroxyapatite. <i>Science of the Total Environment</i> , 2018 , 628-629, 36-43	10.2	98
78	Cerium-doped hydroxyapatite/collagen coatings on titanium for bone implants. <i>Ceramics International</i> , 2019 , 45, 2852-2857	5.1	55
77	Comparison of Mechanical Properties for Polymer Concrete with Different Types of Filler. <i>Journal of Materials in Civil Engineering</i> , 2010 , 22, 696-701	3	52
76	Removal of cadmium(II) from aqueous solution by adsorption onto modified algae and ash. <i>Korean Journal of Chemical Engineering</i> , 2015 , 32, 1804-1811	2.8	33
75	Kinetic and equilibrium studies on adsorption of Reactive Blue 19 dye from aqueous solutions by nanohydroxyapatite adsorbent. <i>Archives of Environmental Protection</i> , 2016 , 42, 3-11		31
74	Synthesis and characterisation of a binder cement replacement based on alkali activation of fly ash waste. <i>Chemical Engineering Research and Design</i> , 2018 , 119, 23-35	5.5	29
73	Low cost adsorbents obtained from ash for copper removal. <i>Korean Journal of Chemical Engineering</i> , 2012 , 29, 1735-1744	2.8	29
72	Acid Black 172 dye adsorption from aqueous solution by hydroxyapatite as low-cost adsorbent. <i>Korean Journal of Chemical Engineering</i> , 2014 , 31, 1021-1027	2.8	27
71	Using Neural Networks for Prediction of Properties of Polymer Concrete with Fly Ash. <i>Journal of Materials in Civil Engineering</i> , 2012 , 24, 523-528	3	27
70	Uranium removal from aqueous solutions by raw and modified thermal power plant ash. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014 , 299, 381-386	1.5	23
69	Removal of heavy metal ions from aqueous solutions using low-cost sorbents obtained from ash. <i>Chemical Papers</i> , 2013 , 67,	1.9	22
68	A low-cost sorbent for removal of copper ions from wastewaters based on sawdust/fly ash mixture. <i>International Journal of Environmental Science and Technology</i> , 2015 , 12, 1799-1810	3.3	20
67	Prediction of properties of polymer concrete composite with tire rubber using neural networks. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2013 , 178, 1259-1267 ^{3.1}		20
66	Removal of Reactive Blue 204 Dye from Aqueous Solutions by Adsorption Onto Nanohydroxyapatite. <i>Science of Advanced Materials</i> , 2013 , 5, 1090-1096	2.3	19
65	Retention of barium and europium radionuclides from aqueous solutions on ash-based sorbents by application of radiochemical techniques. <i>Applied Radiation and Isotopes</i> , 2016 , 116, 102-9	1.7	17
64	Performance assessment of five adsorbents based on fly ash for removal of cadmium ions. <i>Journal of Molecular Liquids</i> , 2021 , 333, 115932	6	17
63	Adsorption Performance of Modified Fly Ash for Copper Ion Removal from Aqueous Solution. <i>Water (Switzerland)</i> , 2021 , 13, 207	3	15

62	UTILIZATION OF COAL FLY ASH FROM POWER PLANTS - I. ASH CHARACTERIZATION. <i>Environmental Engineering and Management Journal</i> , 2008 , 7, 289-293	0.6	14
61	Fly Ash Coated with Magnetic Materials: Improved Adsorbent for Cu (II) Removal from Wastewater. <i>Materials</i> , 2020 , 14,	3.5	14
60	TiO ₂ Doped with Noble Metals as an Efficient Solution for the Photodegradation of Hazardous Organic Water Pollutants at Ambient Conditions. <i>Water (Switzerland)</i> , 2021 , 13, 19	3	14
59	Obtaining and Characterization of the Polymer Concrete with Fly Ash. <i>Journal of Applied Sciences</i> , 2008 , 9, 88-96	0.3	14
58	Neuro-evolutionary optimization methodology applied to the synthesis process of ash based adsorbents. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 597-604	6.3	13
57	WASTES USED IN OBTAINING POLYMER COMPOSITE. <i>Environmental Engineering and Management Journal</i> , 2009 , 8, 1145-1150	0.6	13
56	Removal of Zn(II) ions from aqueous media on thermal activated sawdust. <i>Desalination and Water Treatment</i> , 2016 , 57, 21904-21915		12
55	SIMULTANEOUS REMOVAL OF ASTRAZONE BLUE AND LEAD ONTO LOW COST ADSORBENTS BASED ON POWER PLANT ASH. <i>Environmental Engineering and Management Journal</i> , 2011 , 10, 341-347	0.6	12
54	Removal of Astrazone Blue from aqueous solutions onto brown peat. Equilibrium and kinetics studies. <i>Korean Journal of Chemical Engineering</i> , 2014 , 31, 1008-1015	2.8	11
53	Clay- and zeolite-based biogeosorbents: modelling and properties. <i>Polymer: Journal of Silicate Based and Composite Materials</i> , 2019 , 71, 131-137	1.2	9
52	STUDY OF MORPHOLOGY FOR GEOPOLYMER MATERIALS OBTAINED FROM FLY ASH. <i>Environmental Engineering and Management Journal</i> , 2009 , 8, 1021-1027	0.6	9
51	A NEW STRATEGY FOR PENTACHLOROPHENOL MONITORING IN WATER SAMPLES USING ULTRA-HIGH PERFORMANCE LIQUID CHROMATOGRAPHY - MASS SPECTROMETRY TANDEM. <i>Environmental Engineering and Management Journal</i> , 2015 , 14, 567-574	0.6	9
50	Doping Titanium Dioxide with Palladium for Enhancing the Photocatalytic Decontamination and Mineralization of a Refractory Water Pollutant. <i>Revista De Chimie (discontinued)</i> , 2020 , 71, 145-152	1.8	8
49	Eco-Friendly Materials Obtained by Fly Ash Sulphuric Activation for Cadmium Ions Removal. <i>Materials</i> , 2020 , 13,	3.5	8
48	Synthesis of Zeolite from Fly Ash and their Use as Soil Amendment 2016 ,		8
47	New construction materials synthesized from water treatment sludge and fired clay brick wastes. <i>Journal of Building Engineering</i> , 2021 , 42, 102471	5.2	8
46	New materials synthesized from ash under moderate conditions for removal of toxic and radioactive metals. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014 , 303, 2303	1.5	7
45	ASSESSMENT OF GROUNDWATER AND SURFACE WATER CONTAMINATION BY LANDFILL LEACHATE: A CASE STUDY IN NEAMT COUNTY, ROMANIA. <i>Environmental Engineering and Management Journal</i> , 2017 , 16, 633-641	0.6	7

44	PREPARATION AND CHARACTERIZATION OF NANOCOMPOSITE MATERIAL BASED ON TiO ₂ -Ag FOR ENVIRONMENTAL APPLICATIONS. <i>Environmental Engineering and Management Journal</i> , 2018 , 17, 925-936	0.6	7
43	NEW TiO ₂ -Ag NANOPARTICLES USED FOR ORGANIC COMPOUNDS DEGRADATION. <i>Environmental Engineering and Management Journal</i> , 2019 , 18, 1755-1763	0.6	7
42	Recent advances in removal of Congo Red dye by adsorption using an industrial waste.. <i>Scientific Reports</i> , 2022 , 12, 6087	4.9	7
41	Removal of oxytetracycline from aqueous solutions by hydroxyapatite as a low-cost adsorbent. <i>E3S Web of Conferences</i> , 2017 , 22, 00062	0.5	6
40	New Materials Synthesized by Sulfuric Acid Attack Over Power Plant Fly Ash. <i>Revista De Chimie (discontinued)</i> , 2020 , 71, 48-58	1.8	6
39	Zn/La Mixed Oxides Prepared by Coprecipitation: Synthesis, Characterization and Photocatalytic Studies. <i>Materials</i> , 2020 , 13,	3.5	6
38	Bismuth-Doped Nanohydroxyapatite Coatings on Titanium Implants for Improved Radiopacity and Antimicrobial Activity. <i>Nanomaterials</i> , 2019 , 9,	5.4	6
37	Behaviour of short polymer-high strength concrete columns under eccentric compression. <i>Archives of Civil and Mechanical Engineering</i> , 2013 , 13, 119-127	3.4	5
36	New trends in the mechanisms of increasing productivity of mineral-based materials. <i>Vestnik of Institute of Geology of Komi Science Center of Ural Branch RAS</i> , 2017 , 6, 40-42	0.9	5
35	Modeling of Solid-Fluid non-catalytic Processes for Nickel Ion Removal. <i>Revista De Chimie (discontinued)</i> , 2020 , 71, 4-15	1.8	5
34	Efficiency Evaluation for Titanium Dioxide-Based Advanced Materials in Water Treatment. <i>Springer Proceedings in Earth and Environmental Sciences</i> , 2019 , 255-258	0.2	5
33	PHOTODEGRADATION OF RHODAMINE 6G IN PRESENCE OF Ag/TiO ₂ PHOTOCATALYST 2018 ,		4
32	CaCO ₃ CONTROLLABLE SYNTHESIS BY DOUBLE EXCHANGE METHOD USING CaCl ₂ RESIDUAL SOLUTIONS. <i>Environmental Engineering and Management Journal</i> , 2010 , 9, 1571-1577	0.6	4
31	IMPROVING SOIL QUALITY BY ADDING MODIFIED ASH. <i>Environmental Engineering and Management Journal</i> , 2012 , 11, 297-305	0.6	4
30	Eco-friendly Nano-adsorbents for Pollutant Removal from Wastewaters 2020 , 1-22		4
29	Preparation and Properties of Ceramic Materials from Coal Fly Ash. <i>Springer Proceedings in Earth and Environmental Sciences</i> , 2020 , 101-107	0.2	4
28	Obtaining and Utilizing Cellulose Fibers with Loading as an Additive for Printing Paper. <i>Materials</i> , 2013 , 6, 4532-4544	3.5	3
27	Influence of Different Additions on Frost-Thaw and Chemical Resistance of Polymer Concrete. <i>Advanced Science Letters</i> , 2013 , 19, 455-459	0.1	3

26	APPLICATION OF THERMAL ANALYSIS TO IMPROVE THE PREPARATION CONDITIONS OF ZEOLITIC MATERIALS FROM FLYING ASH. <i>Environmental Engineering and Management Journal</i> , 2021 , 20, 377-388	0.6	3
25	Removal of Toxic Copper Ion from Aqueous Media by Adsorption on Fly Ash-Derived Zeolites: Kinetic and Equilibrium Studies. <i>Polymers</i> , 2021 , 13,	4.5	3
24	Effects of In-Situ Filler Loading vs. Conventional Filler and the Use of Retention-Related Additives on Properties of Paper. <i>Materials</i> , 2020 , 13,	3.5	3
23	Magnetic Solid-Phase Extraction of Cadmium Ions by Hybrid Self-Assembled Multicore Type Nanobeads. <i>Polymers</i> , 2021 , 13,	4.5	3
22	Using Fly Ash Wastes for the Development of New Building Materials with Improved Compressive Strength.. <i>Materials</i> , 2022 , 15,	3.5	2
21	NEW ADSORBENT MATERIALS ON THE BASE OF ASH AND LIME FOR LEAD REMOVAL 2017 ,		2
20	Investigation on hydroxyapatite coatings formation on titanium surface. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 444, 032007	0.4	2
19	Application of /Calcium Alginate Composite Beads for Cephalixin Antibiotic Biosorption from Aqueous Solutions. <i>Materials</i> , 2021 , 14,	3.5	2
18	Production and characterization of natural clay-free green building brick materials using water treatment sludge and oak wood ash. <i>Archives of Civil and Mechanical Engineering</i> , 2022 , 22, 1	3.4	2
17	New Approaches in Modeling and Simulation of CO ₂ Absorption Reactor by Activated Potassium Carbonate Solution. <i>Processes</i> , 2019 , 7, 78	2.9	1
16	Retention of cesium from aqueous solutions using synthetic zeolites produced from power plant ash. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015 , 309, 589	1.5	1
15	An Overview on Assistive Technology Training Courses for Salespersons. <i>Applied Mechanics and Materials</i> , 2014 , 659, 585-588	0.3	1
14	INFLUENCE OF ETHYLENEDIAMINE CONTENT OVER PERFORMANCE OF CO ₂ ABSORPTION INTO POTASSIUM CARBONATE SOLUTIONS. <i>Environmental Engineering and Management Journal</i> , 2021 , 20, 507-516	0.6	1
13	HOMOGENEOUS AREAS DELIMITATION BY CONSIDERING THE ENERGY DEMAND FOR PLANTS GROWING IN COVERED SPACES. <i>Environmental Engineering and Management Journal</i> , 2012 , 11, 253-257	0.6	1
12	EFFECTIVENESS FACTOR APPROACH FOR CHEMICAL ABSORPTION PROCESS. <i>Environmental Engineering and Management Journal</i> , 2018 , 17, 813-820	0.6	1
11	FLY ASH MAGNETIC ADSORBENT FOR CADMIUM ION REMOVAL FROM AN AQUEOUS SOLUTION. <i>Journal of Applied Life Sciences and Environment</i> , 2021 , 185, 42-50		1
10	TiO ₂ /Fly Ash Nanocomposite for Photodegradation of Organic Pollutant 2020 , 1-24		0
9	ASYMMETRIC CELLULOSE ACETATE MEMBRANES USED IN SEPARATION APPLICATIONS. <i>Journal of Applied Life Sciences and Environment</i> , 2021 , 185, 70-76		0

8	Excellent ambient oxidation and mineralization of an emerging water pollutant using Pd-doped TiO ₂ photocatalyst and UV-A irradiation. <i>Comptes Rendus Chimie</i> , 2022 , 25, 1-13	2.7	0
7	Power plant wastes capitalization as geopolymeric building materials. <i>E3S Web of Conferences</i> , 2017 , 22, 00031	0.5	
6	Use of the Information Concerning the Products Manufacturing in Innovative Learning and Education Programme for Health Care Sector. <i>Applied Mechanics and Materials</i> , 2015 , 809-810, 1547-1552	9.3	
5	PACKED COLUMN SIMULATION FOR CO ₂ CHEMISORPTION IN ACTIVATED SOLUTIONS. <i>Environmental Engineering and Management Journal</i> , 2020 , 19, 325-333	0.6	
4	KINETIC STUDY FOR CONGO RED DYE ADSORPTION FROM WASTEWATER. <i>International Symposium the Environmental and the Industry</i> , 2020 , 28-29	0	
3	Biogeo sorbents for solving ecological problems. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 613, 012042	0.4	
2	Eco-friendly Nano-adsorbents for Pollutant Removal from Wastewaters 2021 , 2225-2246		
1	TiO ₂ /Fly Ash Nanocomposite for Photodegradation of Organic Pollutant 2021 , 3051-3074		