

Ewa Karwowska

List of Publications by Year in descending order

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34
papers

804
citations

471061

17
h-index

500791

28
g-index

34
all docs

34
docs citations

34
times ranked

1184
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional carbon-supported bioactive hybrid nanocomposite (C/GO/NCP) bed for superior water decontamination from waterborne microorganisms. RSC Advances, 2021, 11, 18509-18518.	1.7	5
2	Filtration Materials Modified with 2D Nanocomposites – A New Perspective for Point-of-Use Water Treatment. Materials, 2021, 14, 182.	1.3	26
3	Controlling the Porosity and Biocidal Properties of the Chitosan-Hyaluronate Matrix Hydrogel Nanocomposites by the Addition of 2D Ti ₃ C ₂ T _x MXene. Materials, 2020, 13, 4587.	1.3	26
4	Influence of modification of Ti ₃ C ₂ MXene with ceramic oxide and noble metal nanoparticles on its antimicrobial properties and ecotoxicity towards selected algae and higher plants. RSC Advances, 2019, 9, 4092-4105.	1.7	31
5	The Atomic Structure of Ti ₂ C and Ti ₃ C ₂ MXenes is Responsible for Their Antibacterial Activity Toward E. coli Bacteria. Journal of Materials Engineering and Performance, 2019, 28, 1272-1277.	1.2	85
6	The influence of antibiotics on wastewater treatment processes and the development of antibiotic-resistant bacteria. Water Science and Technology, 2018, 77, 2320-2326.	1.2	30
7	Antibacterial potential of nanocomposite-based materials – a short review. Nanotechnology Reviews, 2017, 6, 243-254.	2.6	30
8	Biosorption properties of RGO/Al ₂ O ₃ nanocomposite flakes modified with Ag, Au, and Pd for water purification. Journal of Alloys and Compounds, 2017, 724, 869-878.	2.8	14
9	Bacterial adsorption with graphene family materials compared to nano-alumina. Main Group Chemistry, 2017, 16, 175-190.	0.4	6
10	Biological Activity and Bio-Sorption Properties of the Ti ₂ C Studied by Means of Zeta Potential and SEM. International Journal of Electrochemical Science, 2017, 12, 2159-2172.	0.5	58
11	Synthesis and Bioactivity of Reduced Graphene Oxide/Alumina – Noble Metal Nanocomposite Flakes. International Journal of Applied Ceramic Technology, 2016, 13, 856-870.	1.1	12
12	Synthesis of the RGO/Al ₂ O ₃ core-shell nanocomposite flakes and characterization of their unique electrostatic properties using zeta potential measurements. Applied Surface Science, 2016, 362, 577-594.	3.1	41
13	The influence of petroleum products on the methane fermentation process. Journal of Hazardous Materials, 2016, 301, 327-331.	6.5	9
14	Peculiar Role of the Metallic States on the Nano-MoS ₂ Ceramic Particle Surface in Antimicrobial and Antifungal Activity. International Journal of Applied Ceramic Technology, 2015, 12, 885-890.	1.1	18
15	Influence of bacteria adsorption on zeta potential of Al ₂ O ₃ and Al ₂ O ₃ /Ag nanoparticles in electrolyte and drinking water environment studied by means of zeta potential. Surface and Coatings Technology, 2015, 271, 225-233.	2.2	37
16	Copper and cadmium in bottom sediments dredged from WyÅcigi Pond, Warsaw, Poland – contamination and bioaccumulation study. Environmental Monitoring and Assessment, 2015, 187, 737.	1.3	4
17	The Impact of Zeta Potential and Physicochemical Properties of Ti ₂ O ₃ -Based Nanocomposites on Their Biological Activity. International Journal of Applied Ceramic Technology, 2015, 12, 1157-1173.	1.1	28
18	The influence of metal speciation in combustion waste on the efficiency of Cu, Pb, Zn, Cd, Ni and Cr bioleaching in a mixed culture of sulfur-oxidizing and biosurfactant-producing bacteria. Journal of Hazardous Materials, 2015, 299, 35-41.	6.5	31

#	ARTICLE	IF	CITATIONS
19	Influence of the Staphylococcus Aureus Bacteria Cells on the Zeta Potential of Graphene Oxide Modified with Alumina Nanoparticles in Electrolyte and Drinking Water Environment. Springer Proceedings in Energy, 2015, , 245-250.	0.2	1
20	Bioleaching of metals from printed circuit boards supported with surfactant-producing bacteria. Journal of Hazardous Materials, 2014, 264, 203-210.	6.5	109
21	Biodegradable polylactide (PLA) fiber mats containing Al ₂ O ₃ -Ag nanopowder prepared by electrospinning technique – Antibacterial properties. Fibers and Polymers, 2013, 14, 1248-1253.	1.1	25
22	New Non Phyto- and Eco-toxic Alumina-stabilized Silver and Praseodymium Nanoparticles. International Journal of Applied Ceramic Technology, 2013, 10, 908-916.	1.1	8
23	Microbiological Air Contamination in Premises of the Primary Health-care. Archives of Environmental Protection, 2013, 39, 51-58.	1.1	7
24	Comparative Assessment of Antimicrobial Efficiency of Ionic Silver, Silver Monoxide, and Metallic Silver Incorporated onto an Aluminum Oxide Nanopowder Carrier. Journal of Nanoscience, 2013, 2013, 1-12.	2.6	8
25	Influence of Al ₂ O ₃ /Pr Nanoparticles on Soil, Air and Water Microorganisms. Advanced Structured Materials, 2013, , 1-8.	0.3	4
26	Impact of Al ₂ O ₃ nanopowders characterised by various physicochemical properties on growth of green alga <i>Scenedesmus quadricauda</i> . Advances in Applied Ceramics, 2012, 111, 142-148.	0.6	15
27	Al ₂ O ₃ -Ag nanopowders: new method of synthesis, characterisation and biocidal activity. Advances in Applied Ceramics, 2011, 110, 108-113.	0.6	26
28	Bioremediation of soil polluted with fuels by sequential multiple injection of native microorganisms: Field-scale processes in Poland. Ecological Engineering, 2011, 37, 1895-1900.	1.6	62
29	<i>In vitro</i> assessment of antibacterial properties and cytotoxicity of Al ₂ O ₃ -Ag nanopowders. Advances in Applied Ceramics, 2011, 110, 353-359.	0.6	29
30	Copper and zinc bioleaching from galvanic sludge in mixed microbial cultures. , 2010, , 291-297.		1
31	Isolation and identification of bacteria from petroleum derivatives contaminated soil. Acta Microbiologica Polonica, 1995, 44, 297-303.	0.1	4
32	Comparative Assessment of Biocidal Activity of Different RGO/Ceramic Oxide-Ag Nanocomposites. Journal of Nano Research, 0, 47, 89-95.	0.8	5
33	Synthesis and Bioactivity of RGO/TiO ₂ -Noble Metal Nanocomposite Flakes. Journal of Nano Research, 0, 47, 33-48.	0.8	9
34	Acetate kinase activity test - a new approach to biogas production monitoring in the presence of chlorophenols. , 0, , 01-08.		0