

Viola Vambol

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

766
citations

759233

12
h-index

580821

25
g-index

39
all docs

39
docs citations

39
times ranked

610
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence, sources and conventional treatment techniques for various antibiotics present in hospital wastewaters: A critical review. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 129, 115921.	11.4	172
2	Application of advanced oxidation processes followed by different treatment technologies for hospital wastewater treatment. <i>Journal of Cleaner Production</i> , 2020, 269, 122411.	9.3	140
3	Impact, disease outbreak and the eco-hazards associated with pharmaceutical residues: a Critical review. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 677-688.	3.5	57
4	Assessment of improvement of ecological safety of power plants by arranging the system of pollutant neutralization. <i>Eastern-European Journal of Enterprise Technologies</i> , 2017, 3, 63-73.	0.5	31
5	Field hospital wastewater treatment scenario. <i>Ecological Questions</i> , 2019, 30, 57.	0.3	26
6	Research of the influence of decomposition of wastes of polymers with nano inclusions on the atmosphere. <i>Eastern-European Journal of Enterprise Technologies</i> , 2017, 6, 57-64.	0.5	25
7	Analysis of the ways to provide ecological safety for the products of nanotechnologies throughout their life cycle. <i>Eastern-European Journal of Enterprise Technologies</i> , 2017, 1, 27-36.	0.5	24
8	Formation of Filamentary Structures of Oxide on the Surface of Monocrystalline Gallium Arsenide. <i>Journal of Nano- and Electronic Physics</i> , 2017, 9, 06016-1-06016-4.	0.5	22
9	Smart ways of hospital wastewater management, regulatory standards and conventional treatment techniques. <i>Smart and Sustainable Built Environment</i> , 2019, 9, 727-736.	4.0	20
10	Research into regularities of pore formation on the surface of semiconductors. <i>Eastern-European Journal of Enterprise Technologies</i> , 2017, 3, 37-44.	0.5	20
11	Substantiation of expedience of application of high-temperature utilization of used tires for liquefied methane production. <i>Journal of Achievements in Materials and Manufacturing Engineering</i> , 2018, 2, 77-84.	0.6	20
12	The nature and detection of unauthorized waste dump sites using remote sensing. <i>Ecological Questions</i> , 2019, 30, 1.	0.3	18
13	Physical modelling of changes in the energy impact on a worker taking into account high-temperature radiation. <i>Journal of Achievements in Materials and Manufacturing Engineering</i> , 2018, 1, 27-33.	0.6	18
14	Use of machine learning algorithm for the better prediction of SR peculiarities of WEDM of Nimonic-90 superalloy. <i>Archives of Materials Science and Engineering</i> , 2019, 1, 12-19.	1.1	18
15	Justification of the most rational method for the nanostructures synthesis on the semiconductors surface. <i>Journal of Achievements in Materials and Manufacturing Engineering</i> , 2019, 1-2, 19-28.	0.6	17
16	Investigation of the energy efficiency of waste utilization technology, with considering the use of low-temperature separation of the resulting gas mixtures. <i>Energetika</i> , 2019, 64, .	0.6	16
17	Pharmaceuticals of emerging concern in hospital wastewater: removal of Ibuprofen and Ofloxacin drugs using MBBR method. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 140-154.	3.3	14
18	Substantiation of the choice of the cutter material and method of its hardening, working under the action of friction and cyclic loading. <i>Archives of Materials Science and Engineering</i> , 2018, 2, 49-54.	1.1	14

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19	Research into effect of electrochemical etching conditions on the morphology of porous gallium arsenide. Eastern-European Journal of Enterprise Technologies, 2017, 6, 22-31.	0.5	13
20	Kinetics study of CO molecules adsorption on Al ₂ O ₃ /Zeolite composite films prepared by roll-coating method. Surface Engineering, 2021, 37, 390-399.	2.2	9
21	Determination of Toxic Metals Content in Iranian and Italian Flavoured Olive Oil. Acta Technologica Agriculturae, 2019, 22, 64-69.	0.9	8
22	Investigation of the porous GaP layers' chemical composition and the quality of the tests carried out. Journal of Achievements in Materials and Manufacturing Engineering, 2018, 2, 49-60.	0.6	8
23	Control of the workplace environment by physical factors and SMART monitoring. Archives of Materials Science and Engineering, 2020, 1, 18-29.	1.1	8
24	In-situ stabilization of potentially toxic elements in two industrial polluted soils ameliorated with rock phosphate-modified biochars. Environmental Pollution, 2022, 309, 119733.	7.5	8
25	Experimental study of the effectiveness of water-air suspension to prevent an explosion. Journal of Physics: Conference Series, 2019, 1294, 072009.	0.4	7
26	Numerical integration of the process of cooling gas formed by thermal recycling of waste. Eastern-European Journal of Enterprise Technologies, 2016, 6, 48-53.	0.5	7
27	Theoretical study of food contamination mechanisms by melamine and hazard of melamine for health. Journal of Achievements in Materials and Manufacturing Engineering, 2018, 2, 73-84.	0.6	6
28	A mathematical description of the separation of gas mixtures generated by the thermal utilization of waste. Eastern-European Journal of Enterprise Technologies, 2016, 1, 35.	0.5	5
29	Use of inductively coupled plasma optical emission spectrometry detection in determination of arsenic bioaccumulation in Trifolium pratense L. from contaminated soil. Ecological Questions, 2019, 31, 1.	0.3	4
30	Photoluminescence of porous indium phosphide: Evolution of spectra during air storage. , 2017, , .		3
31	BIOADSORPTION OF HEAVY METALS FROM THE PHARMACEUTICAL EFFLUENTS, CONTAMINATED SOILS AND WATER BY FOOD AND AGRICULTURAL WASTE: A SHORT REVIEW. Labour Protection Problems in Ukraine, 2020, 36, 3-7.	0.2	3
32	Biofortification of Oryza sativa L. with agri-food waste to improve the dietary value of crops. Ecological Questions, 2021, 33, 1-13.	0.3	2
33	Morphologies and photoluminescence properties of porous n-InP. , 2017, , .		1
34	ENHANCING PHOSPHORUS SOLUBILITY FROM ROCK PHOSPHATE INTEGRATED WITH FARMYARD MANURE IN P-DEFICIENT SOIL. Labour Protection Problems in Ukraine, 2019, 35, 8-14.	0.2	1
35	IMPACT OF SHIP'S BALLAST WATER ON INVASIVE SPECIES OCCURRENCE, AND AS A CONSEQUENCE ON ENVIRONMENTAL AND PUBLIC HEALTH: A SHORT REVIEW. Labour Protection Problems in Ukraine, 2020, 36, 18-21.	0.2	1
36	REMOVAL OF POTENTIALLY TOXIC METALS FROM AQUEOUS SOLUTION USING TETRA PAK INDUSTRIAL WASTE AS BIOSORBENTS. Labour Protection Problems in Ukraine, 2021, 37, 3-7.	0.2	0

#	ARTICLE	IF	CITATIONS
37	Forming the low-porous layers of indium phosphide with the predefined quality level. Eastern-European Journal of Enterprise Technologies, 2018, 3, 48-55.	0.5	0
38	Simulation of the formation process of spatial fine structures in environmental safety management systems and optimization of the parameters of dispersive devices. , 0, , .		0
39	STUDY OF UKRAINIAN AND WORLD EXPERIENCE IN THE FIELD OF WATER BODIES' CRIMINAL LAW PROTECTION. Labour Protection Problems in Ukraine, 2020, 36, 19-27.	0.2	0