

Anna A Bogush

List of Publications by Year in descending order

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41
papers

1,062
citations

471371

17
h-index

414303

32
g-index

41
all docs

41
docs citations

41
times ranked

1101
citing authors

#	ARTICLE	IF	CITATIONS
1	Technologies for the management of MSW incineration ashes from gas cleaning: New perspectives on recovery of secondary raw materials and circular economy. <i>Science of the Total Environment</i> , 2018, 635, 526-542.	3.9	212
2	Legal situation and current practice of waste incineration bottom ash utilisation in Europe. <i>Waste Management</i> , 2020, 102, 868-883.	3.7	120
3	Drivers and barriers towards circular economy in <scp>agri“food</scp> supply chain: A review. <i>Business Strategy and Development</i> , 2021, 4, 465-481.	2.2	63
4	Element composition and mineralogical characterisation of air pollution control residue from UK energy-from-waste facilities. <i>Waste Management</i> , 2015, 36, 119-129.	3.7	59
5	Unlocking the Fertilizer Potential of Waste-Derived Biochar. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 12295-12303.	3.2	43
6	Mixture proportion design of pervious concrete based on the relationships between fundamental properties and skeleton structures. <i>Cement and Concrete Composites</i> , 2020, 113, 103693.	4.6	42
7	Element speciation in UK biomass power plant residues based on composition, mineralogy, microstructure and leaching. <i>Fuel</i> , 2018, 211, 712-725.	3.4	37
8	Characterisation of ashes from waste biomass power plants and phosphorus recovery. <i>Science of the Total Environment</i> , 2019, 690, 573-583.	3.9	37
9	The volumetric stability, chloride binding capacity and stability of the Portland cement-GBFS pastes: An approach from the viewpoint of hydration products. <i>Construction and Building Materials</i> , 2019, 205, 357-367.	3.2	37
10	Household slow sand filters in intermittent and continuous flows to treat water containing low mineral ion concentrations and Bisphenol A. <i>Science of the Total Environment</i> , 2020, 702, 135078.	3.9	37
11	Changes in composition and lead speciation due to water washing of air pollution control residue from municipal waste incineration. <i>Journal of Hazardous Materials</i> , 2019, 361, 187-199.	6.5	34
12	Food Plastic Packaging Transition towards Circular Bioeconomy: A Systematic Review of Literature. <i>Sustainability</i> , 2021, 13, 3896.	1.6	30
13	Algae, biochar and bacteria for acid mine drainage (AMD) remediation: A review. <i>Chemosphere</i> , 2022, 304, 135284.	4.2	28
14	Co-processing of raw and washed air pollution control residues from energy-from-waste facilities in the cement kiln. <i>Journal of Cleaner Production</i> , 2020, 254, 119924.	4.6	27
15	Sorption of metaldehyde using granular activated carbon. <i>Journal of Water Reuse and Desalination</i> , 2017, 7, 280-287.	1.2	23
16	Behavior of heavy metals in sulfide mine tailings and bottom sediment (Salair, Kemerovo region,) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 1	1.3	19
17	Geochemical characteristics of the modern state of salt lakes in Altai krai. <i>Geochemistry International</i> , 2007, 45, 1025-1039.	0.2	17
18	Application of a Peat-humic Agent for Treatment of Acid Mine Drainage. <i>Mine Water and the Environment</i> , 2011, 30, 185-190.	0.9	17

#	ARTICLE	IF	CITATIONS
19	Biogeochemical specifics of sapropel formation in Cisbaikalian undrained lakes (exemplified by Lake Tj ETQq1 1 0.784314 rgBT /Over	0.3	16
20	Anomalous concentrations of zinc and copper in highmoor peat bog, southeast coast of Lake Baikal. Doklady Earth Sciences, 2011, 439, 1152-1156.	0.2	14
21	Effect of organic matter release from natural cork used on bisphenol a removal from aqueous solution. Journal of Cleaner Production, 2020, 244, 118675.	4.6	13
22	Geochemistry of natural waters â€“ The legacy of V.I. Vernadsky and his students. Applied Geochemistry, 2012, 27, 1871-1886.	1.4	12
23	Concentration of chemical elements by zooplankton of the White Sea. Oceanology, 2013, 53, 54-70.	0.3	12
24	Distribution of mercury and its species in the zone of sulphide tailing. Doklady Earth Sciences, 2010, 432, 778-782.	0.2	11
25	Biogenic contribution of minor elements to organic matter of recent lacustrine sapropels (Lake Kirek) Tj ETQq1 1 0.784314 rgBT /Over	0.3	11
26	Geochemical barriers to elemental migration in sulfide-rich tailings: three case studies from Western Siberia. Mineralogical Magazine, 2012, 76, 2693-2707.	0.6	11
27	Influence of sulfur on the fate of heavy metals during clinkerization. Construction and Building Materials, 2018, 182, 144-155.	3.2	11
28	Biomass Ashes for Acid Mine Drainage Remediation. Waste and Biomass Valorization, 2020, 11, 4977-4989.	1.8	11
29	The impact of the particle size of meat and bone meal (MBM) incineration ash on phosphate precipitation and phosphorus recovery. Journal of Environmental Chemical Engineering, 2021, 9, 105247.	3.3	9
30	Bioaccumulation of metals by algae from acid mine drainage: a case study of Frongoch Mine (UK). Environmental Science and Pollution Research, 2022, 29, 32261-32270.	2.7	9
31	Diagenetic Transformation of Sapropel from Lake Dukhovoe (East Baikal Region, Russia). Procedia Earth and Planetary Science, 2013, 7, 81-84.	0.6	7
32	Acid Rock Drainage Remediation and Element Removal Using a Peat-Humic Agent with Subsequent Thermal Treatment of the Metalâ€™Organic Residue. Mine Water and the Environment, 2016, 35, 536-546.	0.9	6
33	Influence of Chlorine on the Fate of Pb and Cu during Clinkerization. Energy & Fuels, 2018, 32, 7718-7726.	2.5	6
34	Composition for rock grouting based on insoluble calcium salts for groundwater protection. Environmental Earth Sciences, 2021, 80, 1.	1.3	4
35	Mesocosm-Based Estimation of the Consequences of Complex Contamination of a Freshwater Body by Metal Salts. Water Resources, 2004, 31, 333-342.	0.3	3
36	Behavior of ¹³⁷ Cs in the soil-rhizosphere-plant system (by the example of the Yenisei River floodplain). Contemporary Problems of Ecology, 2011, 4, 528-534.	0.3	3

#	ARTICLE	IF	CITATIONS
37	V.I. Vernadsky "Pioneer of Water-Rock Interaction. Procedia Earth and Planetary Science, 2013, 7, 236-239.	0.6	3
38	Mercury species in solid matter of dispersion of the Ursk tailing dispersion train (Ursk village, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	0.2	3
39	Reversible Carbon Dioxide Capture at High Temperatures by Tetraethylenepentamine Acetic Acid and Polyethylene Glycol Mixtures with High Capacity and Low Viscosity. Energy & Fuels, 2017, 31, 4237-4244.	2.5	3
40	Colloform high-purity platinum from the placer deposit of Koura River (Gornaya Shoriya, Russia). Ore Geology Reviews, 2017, 91, 236-245.	1.1	2
41	(Digital Presentation) Fabrication and Electrochemical Characterization of Inkjet Printed IrO ₂ Electrodes for Water Electrolysis. ECS Meeting Abstracts, 2022, MA2022-01, 2512-2512.	0.0	0