## Anna A Bogush

List of Publications by Year in descending order

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#	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. Science of the Total Environment, 2018, 635, 526-542.	8.0	212
2	Legal situation and current practice of waste incineration bottom ash utilisation in Europe. Waste Management, 2020, 102, 868-883.	7.4	120
3	Drivers and barriers towards circular economy in <scp>agriâ€food</scp> supply chain: A review. Business Strategy and Development, 2021, 4, 465-481.	4.2	63
4	Element composition and mineralogical characterisation of air pollution control residue from UK energy-from-waste facilities. Waste Management, 2015, 36, 119-129.	7.4	59
5	Unlocking the Fertilizer Potential of Waste-Derived Biochar. ACS Sustainable Chemistry and Engineering, 2020, 8, 12295-12303.	6.7	43
6	Mixture proportion design of pervious concrete based on the relationships between fundamental properties and skeleton structures. Cement and Concrete Composites, 2020, 113, 103693.	10.7	42
7	Element speciation in UK biomass power plant residues based on composition, mineralogy, microstructure and leaching. Fuel, 2018, 211, 712-725.	6.4	37
8	Characterisation of ashes from waste biomass power plants and phosphorus recovery. Science of the Total Environment, 2019, 690, 573-583.	8.0	37
9	The volumetric stability, chloride binding capacity and stability of the Portland cement-GBFS pastes: An approach from the viewpoint of hydration products. Construction and Building Materials, 2019, 205, 357-367.	7.2	37
10	Household slow sand filters in intermittent and continuous flows to treat water containing low mineral ion concentrations and Bisphenol A. Science of the Total Environment, 2020, 702, 135078.	8.0	37
11	Changes in composition and lead speciation due to water washing of air pollution control residue from municipal waste incineration. Journal of Hazardous Materials, 2019, 361, 187-199.	12.4	34
12	Food Plastic Packaging Transition towards Circular Bioeconomy: A Systematic Review of Literature. Sustainability, 2021, 13, 3896.	3.2	30
13	Algae, biochar and bacteria for acid mine drainage (AMD) remediation: A review. Chemosphere, 2022, 304, 135284.	8.2	28
14	Co-processing of raw and washed air pollution control residues from energy-from-waste facilities in the cement kiln. Journal of Cleaner Production, 2020, 254, 119924.	9.3	27
15	Sorption of metaldehyde using granular activated carbon. Journal of Water Reuse and Desalination, 2017, 7, 280-287.	2.3	23
16	Behavior of heavy metals in sulfide mine tailings and bottom sediment (Salair, Kemerovo region,) Tj ETQq0 0 0 rg	gBT_/Overlc 2.7	ock 10 Tf 50

17	Geochemical characteristics of the modern state of salt lakes in Altai krai. Geochemistry International, 2007, 45, 1025-1039.	0.7	17
18	Application of a Peat-humic Agent for Treatment of Acid Mine Drainage. Mine Water and the Environment, 2011, 30, 185-190.	2.0	17

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19	Biogeochemical specifics of sapropel formation in Cisbaikalian undrained lakes (exemplified by Lake) Tj ETQq1 1	0.784314	$rg_{16}^{BT}/Over d$
20	Anomalous concentrations of zinc and copper in highmoor peat bog, southeast coast of Lake Baikal. Doklady Earth Sciences, 2011, 439, 1152-1156.	0.7	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.	9.3	13
22	Geochemistry of natural waters – The legacy of V.I. Vernadsky and his students. Applied Geochemistry, 2012, 27, 1871-1886.	3.0	12
23	Concentration of chemical elements by zooplankton of the White Sea. Oceanology, 2013, 53, 54-70.	1.2	12
24	Distribution of mercury and its species in the zone of sulphide tailing. Doklady Earth Sciences, 2010, 432, 778-782.	0.7	11
25	Biogenic contribution of minor elements to organic matter of recent lacustrine sapropels (Lake Kirek) Tj ETQq1	1 0.78431 0.6	4 rgBT /Over
26	Geochemical barriers to elemental migration in sulfide-rich tailings: three case studies from Western Siberia. Mineralogical Magazine, 2012, 76, 2693-2707.	1.4	11
27	Influence of sulfur on the fate of heavy metals during clinkerization. Construction and Building Materials, 2018, 182, 144-155.	7.2	11
28	Biomass Ashes for Acid Mine Drainage Remediation. Waste and Biomass Valorization, 2020, 11, 4977-4989.	3.4	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.	6.7	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.	5.3	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 Metal–Organic Residue. Mine Water and the Environment, 2016, 35, 536-546.	2.0	6
33	Influence of Chlorine on the Fate of Pb and Cu during Clinkerization. Energy & Fuels, 2018, 32, 7718-7726.	5.1	6
34	Composition for rock grouting based on insoluble calcium salts for groundwater protection. Environmental Earth Sciences, 2021, 80, 1.	2.7	4
35	Mesocosm-Based Estimation of the Consequences of Complex Contamination of a Freshwater Body by Metal Salts. Water Resources, 2004, 31, 333-342.	0.9	3
36	Behavior of 137Cs in the soil-rhizosphere-plant system (by the example of the Yenisei River floodplain). Contemporary Problems of Ecology, 2011, 4, 528-534.	0.7	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

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

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.	5.1	3
40	Colloform high-purity platinum from the placer deposit of Koura River (Gornaya Shoriya, Russia). Ore Geology Reviews, 2017, 91, 236-245.	2.7	2
41	(Digital Presentation) Fabrication and Electrochemical Characterization of Inkjet Printed IrO <sub>2</sub> Electrodes for Water Electrolysis. ECS Meeting Abstracts, 2022, MA2022-01, 2512-2512.	0.0	0