

Aleksandr Chusov

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

319
citations

1162889

8
h-index

887953

17
g-index

42
all docs

42
docs citations

42
times ranked

297
citing authors

#	ARTICLE	IF	CITATIONS
1	Seasonal variation of municipal solid waste generation and composition in four East European cities. Resources, Conservation and Recycling, 2014, 89, 22-30.	5.3	122
2	Effects of conductive carbon materials on dry anaerobic digestion of sewage sludge: Process and mechanism. Journal of Hazardous Materials, 2020, 384, 121339.	6.5	36
3	Site Selection for Flood Detention Basins with Minimum Environmental Impact. Procedia Engineering, 2016, 165, 1629-1636.	1.2	17
4	Reservoir Greenhouse Gas Emissions at Russian HPP. Power Technology and Engineering, 2015, 49, 33-39.	0.1	12
5	Reducing the Risk of Flooding by Using Hydro Complexes Distributed on the Drainage Basin. Power Technology and Engineering, 2017, 51, 365-370.	0.1	12
6	Determination of Environmental Impact Factors of Flood Control Hydrosystems with Temporarily Filled Self-regulating Reservoirs. Advances in Intelligent Systems and Computing, 2018, , 1046-1054.	0.5	12
7	Geo-ecological Strategy for Ust-Luga Seaport Enlargement. Transportation Research Procedia, 2021, 54, 654-661.	0.8	11
8	Biogas Potential Assessment of the Composite Mixture from Duckweed Biomass. Sustainability, 2022, 14, 351.	1.6	10
9	Ecological assessment of dredging in the Eastern Gulf of Finland. , 2012, , .		9
10	Distributed System of Dams for Flood Protection of Urban Land to Ensure Sustainable Development. MATEC Web of Conferences, 2016, 73, 01002.	0.1	8
11	New Challenges and Possibilities of Hydroelectric Power Plants in Combating Pollution of Watercourses by Floating Debris. Power Technology and Engineering, 2019, 53, 314-318.	0.1	8
12	Optimization of the Solid Waste Management System in Saint-Petersburg Based on the Morphological Composition Study. MATEC Web of Conferences, 2018, 193, 02037.	0.1	7
13	GIS technologies for selecting location of dams in the flood control systems. E3S Web of Conferences, 2019, 91, 07001.	0.2	7
14	Long-term monitoring of the dredged material deposit sites in the Eastern Gulf of Finland. E3S Web of Conferences, 2020, 164, 01010.	0.2	7
15	Technological Decision to Renewable Energy Usage Biogas for Off-grid Systems Consumption. MATEC Web of Conferences, 2016, 73, 04004.	0.1	5
16	Electrokinetic and Electroconductivity Properties of Filtering Material Aqualat. Procedia Engineering, 2015, 117, 264-272.	1.2	4
17	Reclaimed artificial coastal territories for the development of urban areas. E3S Web of Conferences, 2019, 110, 01025.	0.2	4
18	Hydrogenous Fuel as an Energy Material for Efficient Operation of Tandem System Based on Fuel Cells. Key Engineering Materials, 0, 723, 616-621.	0.4	3

#	ARTICLE	IF	CITATIONS
19	Aggregation kinetics of OX50 hydrosols in NaCl solutions studied by dynamic light scattering. Colloid Journal, 2016, 78, 623-632.	0.5	3
20	Mathematical models of operating regimes of flood control facility's system. Journal of Physics: Conference Series, 2019, 1368, 042076.	0.3	3
21	Functional Model That Evaluates the Impact of Hydrotechnical Works and Facilities on a Water Object. Advances in Intelligent Systems and Computing, 2018, , 921-935.	0.5	3
22	MSW Landfills Reclamation Based on Monitoring of Biogas Emissions. Advances in Intelligent Systems and Computing, 2018, , 908-914.	0.5	3
23	Methane Component of the Modern WWTP Biogas as an Alternative Energy Source. Materials Science Forum, 0, 871, 208-215.	0.3	2
24	Determination of biogas potential of residual biomass of microalgae Chlorella Sorokiniana. IOP Conference Series: Earth and Environmental Science, 2019, 403, 012225.	0.2	2
25	Investigation of carbon graphite-like structures by laser mass spectrometry. Technical Physics, 2012, 57, 861-864.	0.2	1
26	Measuring the thermal resistance of typical multi-layer building walls using the accelerated measurement method. MATEC Web of Conferences, 2016, 53, 01020.	0.1	1
27	Method of Hydrogenous Fuel Usage to Increase the Efficiency in Tandem Diverse Temperature Oxidation System. MATEC Web of Conferences, 2016, 53, 01019.	0.1	1
28	Experimental Assessment of Biogas and Leachate Emissions from MSW Landfills for Energy Reclamation with the Aim of Sustainable Urban Development. Materials Science Forum, 2016, 871, 199-207.	0.3	1
29	A Method for Systematic Design of Protection Against Flooding in a River Basin. Power Technology and Engineering, 2019, 53, 319-323.	0.1	1
30	Method of improving the technology of installing power equipment at hydroelectric stations being reconstructed. Power Technology and Engineering, 1998, 32, 651-655.	0.0	0
31	Preliminary Monitoring and Route Location of Macro Energetic Project - Nord Stream 2 Marine Gas Pipeline. , 2018, , .		0
32	Ecological passportization of urban population in the Northwest Russia. E3S Web of Conferences, 2019, 110, 02049.	0.2	0
33	Experimental studies of benthos resistance to mechanical burying under the dredging material. E3S Web of Conferences, 2020, 164, 01001.	0.2	0
34	Combined technology of field research and modeling in the development of the rationing method pulp mill wastewater in the conditions of deep water outlets. Journal of Physics: Conference Series, 2020, 1614, 012057.	0.3	0
35	Functional Representation of the Soil Hydrophysical Properties Using the Example of Loam. Smart Innovation, Systems and Technologies, 2022, , 493-504.	0.5	0
36	Using the Model of Hysteresis to Calculate the Precise Irrigation Rate for Silt Loam. Smart Innovation, Systems and Technologies, 2022, , 505-517.	0.5	0

#	ARTICLE	IF	CITATIONS
37	Innovative Digital Tools for Integrated Water Resources Management in Arctic. Lecture Notes in Networks and Systems, 2022, , 1239-1246.	0.5	0
38	Digitalization of Ice Waters Maritime Activity Management. Lecture Notes in Networks and Systems, 2022, , 1264-1272.	0.5	0