

Ivan Deviatkin

List of Publications by Year in descending order

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23
papers

596
citations

687363

13
h-index

677142

22
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26
all docs

26
docs citations

26
times ranked

632
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental impact assessment of municipal solid waste management incorporating mechanical treatment of waste and incineration in Hangzhou, China. <i>Journal of Cleaner Production</i> , 2017, 141, 453-461.	9.3	133
2	Potential of phosphorus recovery from sewage sludge and manure ash by thermochemical treatment. <i>Waste Management</i> , 2016, 49, 221-229.	7.4	92
3	Construction and demolition waste as a raw material for wood polymer composites – Assessment of environmental impacts. <i>Journal of Cleaner Production</i> , 2019, 225, 716-727.	9.3	45
4	Indicators for resource recovery monitoring within the circular economy model implementation in the wastewater sector. <i>Journal of Environmental Management</i> , 2022, 304, 114261.	7.8	39
5	Nitrogen release from mechanically dewatered sewage sludge during thermal drying and potential for recovery. <i>Journal of Cleaner Production</i> , 2017, 142, 1819-1826.	9.3	37
6	Wooden and Plastic Pallets: A Review of Life Cycle Assessment (LCA) Studies. <i>Sustainability</i> , 2019, 11, 5750.	3.2	32
7	Technical implications and global warming potential of recovering nitrogen released during continuous thermal drying of sewage sludge. <i>Waste Management</i> , 2019, 90, 132-140.	7.4	27
8	Comparative life cycle assessment of deinking sludge utilization alternatives. <i>Journal of Cleaner Production</i> , 2016, 112, 3232-3243.	9.3	26
9	Alternative Materials for Printed Circuit Board Production: An Environmental Perspective. <i>Sustainability</i> , 2021, 13, 12126.	3.2	26
10	Environmental impacts of wooden, plastic, and wood-polymer composite pallet: a life cycle assessment approach. <i>International Journal of Life Cycle Assessment</i> , 2021, 26, 1607-1622.	4.7	22
11	Comparative life cycle assessment of thermal residue recycling on a regional scale: A case study of South-East Finland. <i>Journal of Cleaner Production</i> , 2017, 149, 275-289.	9.3	16
12	Comparative analyses of catalytic degradation of PCDD/Fs in the laboratory vs. industrial conditions. <i>Chemosphere</i> , 2018, 191, 895-902.	8.2	16
13	Life cycle assessment of the existing and proposed municipal solid waste management system in Moscow, Russia. <i>Journal of Cleaner Production</i> , 2021, 328, 129407.	9.3	16
14	An evaluation of thermoplastic composite fillers derived from construction and demolition waste based on their economic and environmental characteristics. <i>Journal of Cleaner Production</i> , 2021, 280, 125198.	9.3	14
15	Implementation of Circular Economy Strategies within the Electronics Sector: Insights from Finnish Companies. <i>Sustainability</i> , 2022, 14, 3268.	3.2	12
16	Life Cycle Assessment of a Thermal Recycling Process as an Alternative to Existing CFRP and GFRP Composite Wastes Management Options. <i>Polymers</i> , 2021, 13, 4430.	4.5	12
17	Carbon footprint of an EUR-sized wooden and a plastic pallet. <i>E3S Web of Conferences</i> , 2020, 158, 03001.	0.5	8
18	Nitrogen behaviour during thermal drying of mechanically dewatered biosludge from pulp and paper industry. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 1052-1060.	2.2	7

#	ARTICLE	IF	CITATIONS
19	Simulation decomposition for environmental sustainability: Enhanced decision-making in carbon footprint analysis. <i>Socio-Economic Planning Sciences</i> , 2021, 75, 100837.	5.0	7
20	Life Cycle Assessment of Existing and Alternative Options for Municipal Solid Waste Management in Saint Petersburg and the Leningrad Region, Russia. <i>Recycling</i> , 2022, 7, 19.	5.0	3
21	Thermal reaction characteristics of dioxins on cement kiln dust. <i>RSC Advances</i> , 2018, 8, 3582-3591.	3.6	2
22	Systematic Approach to Identifying Economically Feasible and Environmentally Benign Methods of Recycling Ash on a Regional Scale. <i>Journal of Residuals Science and Technology</i> , 2016, 13, 185-196.	0.6	2
23	Carbon Footprint of Waste-Derived Composites. , 2021, , 245-251.		1