

Radovan Å omplÃ;k

List of Publications by Year in descending order

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papers

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36
times ranked

401
citing authors

#	ARTICLE	IF	CITATIONS
1	Cooking oils and fat waste collection infrastructure planning: a regional-level outline. <i>Clean Technologies and Environmental Policy</i> , 2022, 24, 109-123.	2.1	4
2	A Multi-Commodity Mathematical Modelling Approach to Hazardous Waste Treatment Infrastructure Planning in the Czech Republic. <i>Sustainability</i> , 2022, 14, 3536.	1.6	1
3	Optimal location and operation of waste-to-energy plants when future waste composition is uncertain. <i>Operational Research</i> , 2022, 22, 5765-5790.	1.3	5
4	Multi-level stratification of territories for waste composition analysis. <i>Journal of Environmental Management</i> , 2022, 318, 115534.	3.8	5
5	Cost-effective municipal unions formation within intermediate regions under prioritized waste energy recovery. <i>Energy</i> , 2022, 256, 124621.	4.5	5
6	Strategic decisions leading to sustainable waste management: Separation, sorting and recycling possibilities. <i>Journal of Cleaner Production</i> , 2021, 278, 123359.	4.6	25
7	Location of municipal waste containers: Trade-off between criteria. <i>Journal of Cleaner Production</i> , 2021, 278, 123445.	4.6	8
8	The Influence of SO ₂ and HCl Concentrations on the Consumption of Sodium Bicarbonate during Flue Gas Treatment. <i>Energy & Fuels</i> , 2021, 35, 5064-5073.	2.5	10
9	Stratification and multi-representative optimization approach to waste composition analysis. <i>Optimization and Engineering</i> , 2021, 22, 1727.	1.3	6
10	Offshore Conceptual Plastic Waste Collection and Treatment Towards Clean Ocean. <i>Waste and Biomass Valorization</i> , 2021, 12, 6523-6541.	1.8	1
11	Predictive modelling as a tool for effective municipal waste management policy at different territorial levels. <i>Journal of Environmental Management</i> , 2021, 291, 112584.	3.8	30
12	Circular economy implementation in waste management network design problem: a case study. <i>Central European Journal of Operations Research</i> , 2020, 28, 1441-1458.	1.1	21
13	Municipal Solid Waste Fractions and Their Source Separation: Forecasting for Large Geographical Area and Its Subregions. <i>Waste and Biomass Valorization</i> , 2020, 11, 725-742.	1.8	11
14	Legislation-induced planning of waste processing infrastructure: A case study of the Czech Republic. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 132, 110058.	8.2	14
15	Sustainable waste-to-energy facility location: Influence of demand on energy sales. <i>Energy</i> , 2020, 207, 118257.	4.5	13
16	Trend forecasting for waste generation with structural break. <i>Journal of Cleaner Production</i> , 2020, 266, 121814.	4.6	16
17	Pricing and advertising strategies in conceptual waste management planning. <i>Journal of Cleaner Production</i> , 2019, 239, 118068.	4.6	25
18	Location of mixed municipal waste treatment facilities: Cost of reducing greenhouse gas emissions. <i>Journal of Cleaner Production</i> , 2019, 239, 118003.	4.6	27

#	ARTICLE	IF	CITATIONS
19	Bulky waste for energy recovery: Analysis of spatial distribution. <i>Energy</i> , 2019, 181, 827-839.	4.5	10
20	Multi-objective strategic waste transfer station planning. <i>Journal of Cleaner Production</i> , 2019, 230, 1294-1304.	4.6	27
21	Contribution to Global Warming Potential by waste producers: Identification by reverse logistic modelling. <i>Journal of Cleaner Production</i> , 2019, 208, 1294-1303.	4.6	12
22	Heuristic Methodology for Forecasting of Production in Waste Management. <i>Mendel</i> , 2019, 23, 185-192.	0.5	3
23	Waste Processing Facility Location Problem by Stochastic Programming: Models and Solutions. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 167-179.	0.5	0
24	Heuristics for Waste Collection Arc Routing Problem. <i>Mendel</i> , 2019, 25, 15-22.	0.5	1
25	Material analysis of Bottom ash from waste-to-energy plants. <i>Waste Management</i> , 2018, 73, 360-366.	3.7	42
26	Greenhouse gas emissions from thermal treatment of non-recyclable municipal waste. <i>Frontiers of Chemical Science and Engineering</i> , 2018, 12, 815-831.	2.3	25
27	Impact assessment of pollutants from waste-related operations as a feature of holistic logistic tool. <i>Journal of Environmental Management</i> , 2018, 220, 77-86.	3.8	5
28	Demand modelling in district heating systems within the conceptual design of a waste-to-energy plant. <i>Energy</i> , 2018, 163, 1125-1139.	4.5	17
29	Design and Decomposition of Waste Prognostic Model with Hierarchical Structures. <i>Mendel</i> , 2018, 24, 85-92.	0.5	0
30	Heuristic Approach to Multivariate Inverse Prediction Problem using Data Reconciliation. <i>Mendel</i> , 2018, 24, 71-78.	0.5	0
31	Stochastic Integer Waste Management Problem Solved by a Modified Progressive Hedging Algorithm. <i>Mendel</i> , 2018, 24, .	0.5	0
32	Statistical Evaluation of Large-Scale Data Logistics System. <i>Mendel</i> , 2018, 24, 9-16.	0.5	2
33	Spatially distributed production data for supply chain models - Forecasting with hazardous waste. <i>Journal of Cleaner Production</i> , 2017, 161, 1317-1328.	4.6	21
34	A waste-to-energy project: A complex approach towards the assessment of investment risks. <i>Applied Thermal Engineering</i> , 2015, 89, 1127-1136.	3.0	30
35	Logistic model-based tool for policy-making towards sustainable waste management. <i>Clean Technologies and Environmental Policy</i> , 2014, 16, 1275-1286.	2.1	26
36	Waste-to-energy facility planning under uncertain circumstances. <i>Applied Thermal Engineering</i> , 2013, 61, 106-114.	3.0	36