

Edgar MartÃ-n-HernÃ;ndez

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

196
citations

1163117

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1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

182
citing authors

#	ARTICLE	IF	CITATIONS
1	Anaerobic digestion and nutrient recovery. , 2022, , 239-281.		1
2	Analysis of incentive policies for phosphorus recovery at livestock facilities in the Great Lakes area. Resources, Conservation and Recycling, 2022, 177, 105973.	10.8	12
3	Modeling and Analysis of Organic Waste Management Systems in Centralized and Decentralized Supply Chains Using Generalized Disjunctive Programming. Industrial & Engineering Chemistry Research, 2021, 60, 1719-1745.	3.7	6
4	Process design and scale-up study for the production of polyol-based biopolymers from sawdust. Sustainable Production and Consumption, 2021, 27, 462-470.	11.0	7
5	A geospatial environmental and techno-economic framework for sustainable phosphorus management at livestock facilities. Resources, Conservation and Recycling, 2021, 175, 105843.	10.8	18
6	Optimal Portfolio of Products in a Polycrystalline Silicon Refinery. Industrial & Engineering Chemistry Research, 2020, 59, 10552-10567.	3.7	4
7	Optimal technology selection for the biogas upgrading to biomethane. Journal of Cleaner Production, 2020, 267, 122032.	9.3	39
8	Surrogate based optimization of a process of polycrystalline silicon production. Computers and Chemical Engineering, 2020, 140, 106870.	3.8	11
9	Model-driven spatial evaluation of nutrient recovery from livestock leachate for struvite production. Journal of Environmental Management, 2020, 271, 110967.	7.8	9
10	Optimal Design of a Multi-Product Polycrystalline Silicon Facility. Computer Aided Chemical Engineering, 2020, 48, 769-774.	0.5	1
11	A Thermodynamic Feasibility Evaluation Model for the Efficient Struvite Production from Livestock Waste. Computer Aided Chemical Engineering, 2019, 47, 445-450.	0.5	0
12	Optimal integrated facility for waste processing. Chemical Engineering Research and Design, 2018, 131, 160-182.	5.6	26
13	Technologies and logistics for phosphorus recovery from livestock waste. Clean Technologies and Environmental Policy, 2018, 20, 1563-1579.	4.1	17
14	Optimal Integrated Facility for Waste Processing. Computer Aided Chemical Engineering, 2018, , 1263-1268.	0.5	0
15	Optimization formulations for multi-product supply chain networks. Computers and Chemical Engineering, 2017, 104, 296-310.	3.8	45