

Mark Ruth

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3275593/publications.pdf>

Version: 2024-02-01

14
papers

538
citations

1478505

6
h-index

1474206

9
g-index

21
all docs

21
docs citations

21
times ranked

571
citing authors

#	ARTICLE	IF	CITATIONS
1	Process Design and Costing of Bioethanol Technology: A Tool for Determining the Status and Direction of Research and Development. <i>Biotechnology Progress</i> , 1999, 15, 794-803.	2.6	265
2	Multicarrier Energy Systems: Shaping Our Energy Future. <i>Proceedings of the IEEE</i> , 2020, 108, 1437-1456.	21.3	50
3	Methods identifying cost reduction potential for water electrolysis systems. <i>Current Opinion in Chemical Engineering</i> , 2021, 33, 100714.	7.8	21
4	Enzyme Production, Growth, and Adaptation of <i>T. reesei</i> Strains QM9414, L-27, RL-P37, and Rut C-30 to Conditioned Yellow Poplar Sawdust Hydrolysate (Scientific Note). <i>Applied Biochemistry and Biotechnology</i> , 1999, 77, 293-310.	2.9	17
5	Hardware-in-the-loop simulation of a distribution system with air conditioners under model predictive control. , 2017, , .		17
6	Hydrogen: Targeting \$1/kg in 1 Decade. <i>Electrochemical Society Interface</i> , 2021, 30, 61-66.	0.4	17
7	Hardware-in-the-Loop (HIL) Simulations for Smart Grid Impact Studies. , 2018, , .		14
8	An economic analysis of the role of materials, system engineering, and performance in electrochemical carbon dioxide conversion to formate. <i>Journal of Cleaner Production</i> , 2022, 351, 131564.	9.3	7
9	Hydrogen as Part of a 100% Clean Energy System: Exploring Its Decarbonization Roles. <i>IEEE Power and Energy Magazine</i> , 2022, 20, 85-95.	1.6	6
10	Getting Hydrogen to the Gigaton Scale. <i>Electrochemical Society Interface</i> , 2021, 30, 85-88.	0.4	3
11	Integration of energy systems. <i>MRS Bulletin</i> , 2022, , 1-14.	3.5	2
12	Understanding the Impact of Electric Water Heater Control on the Grid. , 2018, , .		1
13	Macro-system model: A federated object model for cross-cutting analysis of hydrogen production, delivery, consumption and associated emissions. , 2009, , .		0
14	Macro-System Model for Hydrogen Energy Systems Analysis in Transportation. , 2011, , .		0