

Mark Ruth

List of Publications by Year in descending order

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