

Elena PÃ©rez-Gallent

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1353938/publications.pdf>

Version: 2024-02-01

11
papers

2,403
citations

1040056

9
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

2604
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Solubilities and Transport Properties of CO ₂ , Oxalic Acid, and Formic Acid in Mixed Solvents Composed of Deep Eutectic Solvents, Methanol, and Propylene Carbonate. <i>Journal of Physical Chemistry B</i> , 2022, 126, 3572-3584. | 2.6 | 13 |
| 2 | (Invited) Process Intensification of Electrochemical Systems for CO ₂ and Biomass Valorization. <i>ECS Meeting Abstracts</i> , 2022, MA2022-01, 2344-2344. | 0.0 | 0 |
| 3 | Integrating CO ₂ Capture with Electrochemical Conversion Using Amine-Based Capture Solvents as Electrolytes. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 4269-4278. | 3.7 | 37 |
| 4 | Overcoming Mass Transport Limitations in Electrochemical Reactors with a Pulsating Flow Electrolyzer. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 5648-5656. | 3.7 | 11 |
| 5 | Advances and challenges in understanding the electrocatalytic conversion of carbon dioxide to fuels. <i>Nature Energy</i> , 2019, 4, 732-745. | 39.5 | 1,506 |
| 6 | Mechanistic Study of the Electrosynthesis of Propylene Carbonate from Propylene Oxide and CO ₂ on Copper Electrodes. <i>ChemElectroChem</i> , 2019, 6, 2917-2923. | 3.4 | 5 |
| 7 | Electroreduction of CO ₂ to CO Paired with 1,2-Propanediol Oxidation to Lactic Acid. Toward an Economically Feasible System. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 6195-6202. | 3.7 | 41 |
| 8 | Spectroscopic Observation of a Hydrogenated CO Dimer Intermediate During CO Reduction on Cu(100) Electrodes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3621-3624. | 13.8 | 366 |
| 9 | Influence of the Steric Bulk and Solvent on the Photoreactivity of Ruthenium Polypyridyl Complexes Coordinated to <i>l</i> -Proline. <i>Inorganic Chemistry</i> , 2017, 56, 4818-4828. | 4.0 | 23 |
| 10 | Spectroscopic Observation of a Hydrogenated CO Dimer Intermediate During CO Reduction on Cu(100) Electrodes. <i>Angewandte Chemie</i> , 2017, 129, 3675-3678. | 2.0 | 112 |
| 11 | Structure- and Potential-Dependent Cation Effects on CO Reduction at Copper Single-Crystal Electrodes. <i>Journal of the American Chemical Society</i> , 2017, 139, 16412-16419. | 13.7 | 289 |