

Daniel Hospital-Benito

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3529204/publications.pdf>

Version: 2024-02-01

12
papers

346
citations

933447

10
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

355
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of biogas upgrading processes based on ionic liquids. <i>Chemical Engineering Journal</i> , 2022, 428, 132103.	12.7	34
2	Improvement of CO ₂ capture processes by tailoring the reaction enthalpy of Aprotic Nâ€™Heterocyclic anion-based ionic liquids. <i>Chemical Engineering Journal Advances</i> , 2022, 10, 100291.	5.2	8
3	Techno-economic feasibility of ionic liquids-based CO ₂ chemical capture processes. <i>Chemical Engineering Journal</i> , 2021, 407, 127196.	12.7	51
4	Process Analysis of Ionic Liquid-Based Blends as H ₂ S Absorbents: Search for Thermodynamic/Kinetic Synergies. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 2080-2088.	6.7	15
5	Thermodynamic and kinetic evaluation of ionic liquids + tetraglyme mixtures on CO ₂ capture. <i>Journal of CO₂ Utilization</i> , 2020, 35, 185-193.	6.8	16
6	Prediction of CO ₂ chemical absorption isotherms for ionic liquid design by DFT/COSMO-RS calculations. <i>Chemical Engineering Journal Advances</i> , 2020, 4, 100038.	5.2	11
7	Process Evaluation of Fluorinated Ionic Liquids as F-Gas Absorbents. <i>Environmental Science & Technology</i> , 2020, 54, 12784-12794.	10.0	28
8	Process analysis overview of ionic liquids on CO ₂ chemical capture. <i>Chemical Engineering Journal</i> , 2020, 390, 124509.	12.7	88
9	CO ₂ Capture by Supported Ionic Liquid Phase: Highlighting the Role of the Particle Size. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 13089-13097.	6.7	24
10	Stripping Columns to Regenerate Ionic Liquids and Selectively Recover Hydrocarbons Avoiding Vacuum Conditions. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 20370-20380.	3.7	18
11	Interconnected metal oxide CNT fibre hybrid networks for current collector-free asymmetric capacitive deionization. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10898-10908.	10.3	53
12	Process analysis overview of ionic liquids on CO ₂ chemical capture. , 0, , .		0