Andreia S L Gouveia

List of Publications by Year
in descending order

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		758635	887659
17	590	12	17
papers	citations	h-index	g-index

17	17	17	878
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Processing of poly(ionic liquid)â€“ionic liquid membranes using femtosecond (fs) laser radiation: Effect on CO2 separation performance. Journal of Membrane Science, 2022, 642, 119903.	4.1	4
2	CO2/H2 separation through poly(ionic liquid)â€“ionic liquid membranes: The effect of multicomponent gas mixtures, temperature and gas feed pressure. Separation and Purification Technology, 2021, 259, 118113.	3.9	38
3	Ionic liquid-based semi-interpenetrating polymer network (sIPN) membranes for CO2 separation. Separation and Purification Technology, 2021, 274, 118437.	3.9	11
4	Tuning the miscibility of water in imide-based ionic liquids. Physical Chemistry Chemical Physics, 2020, 22, 25236-25242.	1.3	6
5	Poly(ionic liquid)â€“Ionic Liquid Membranes with Fluorosulfonyl-Derived Anions: Characterization and Biohydrogen Separation. ACS Sustainable Chemistry and Engineering, 2020, 8, 7087-7096.	3.2	21
6	Ionic Liquid with Silyl Substituted Cation: Thermophysical and CO 2 /N 2 Permeation Properties. Israel Journal of Chemistry, 2019, 59, 852-865.	1.0	4
7	Neat ionic liquids versus ionic liquid mixtures: a combination of experimental data and molecular simulation. Physical Chemistry Chemical Physics, 2019, 21, 23305-23309.	1.3	12
8	Towards Biohydrogen Separation Using Poly(Ionic Liquid)/Ionic Liquid Composite Membranes. Membranes, 2018, 8, 124.	1.4	22
9	Study on Gas Permeation and CO₂ Separation through Ionic Liquid-Based Membranes with Siloxane-Functionalized Cations. Industrial & Engineering Chemistry Research, 2017, 56, 2229-2239.	1.8	23
10	Aqueous Biphasic Systems of Pyrrolidinium Ionic Liquids with Organic Acid-Derived Anions and K₃PO₄. Journal of Chemical & Engineering Data, 2017, 62, 1182-1188.	1.0	7
11	Exploring the effect of fluorinated anions on the CO₂/N₂ separation of supported ionic liquid membranes. Physical Chemistry Chemical Physics, 2017, 19, 28876-28884.	1.3	25
12	Ionic liquids with anions based on fluorosulfonyl derivatives: from asymmetrical substitutions to a consistent force field model. Physical Chemistry Chemical Physics, 2017, 19, 29617-29624.	1.3	49
13	Deep Eutectic Solvents as Azeotrope Breakers: Liquidâ€“Liquid Extraction and COSMO-RS Prediction. ACS Sustainable Chemistry and Engineering, 2016, 4, 5640-5650.	3.2	105
14	Towards the potential of cyano and amino acid-based ionic liquid mixtures for facilitated CO2 transport membranes. Journal of Membrane Science, 2016, 510, 174-181.	4.1	28
15	Turning into poly(ionic liquid)s as a tool for polyimide modification: synthesis, characterization and CO₂ separation properties. Polymer Chemistry, 2016, 7, 580-591.	1.9	81
16	Density, Viscosity, and Refractive Index of Ionic Liquid Mixtures Containing Cyano and Amino Acid-Based Anions. Journal of Chemical & Engineering Data, 2016, 61, 83-93.	1.0	62
17	Polymeric ionic liquid-based membranes: Influence of polycation variation on gas transport and CO2 selectivity properties. Journal of Membrane Science, 2015, 486, 40-48.	4.1	92