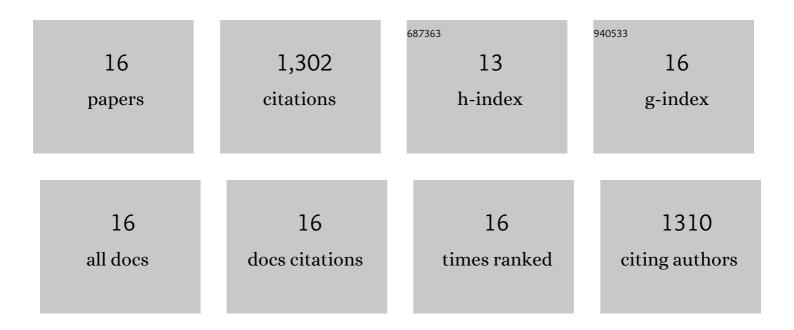
Yu Chen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Tuning refractive index of deep eutectic solvents. Journal of Molecular Liquids, 2022, 348, 118031.	4.9	9
2	Room-temperature conversion of CO ₂ into quinazoline-2,4(1 <i>H</i> ,3 <i>H</i>)-dione using deep eutectic solvents at atmospheric pressure with high efficiency. Reaction Chemistry and Engineering, 2022, 7, 1968-1977.	3.7	6
3	Revisiting greenness of ionic liquids and deep eutectic solvents. Green Chemical Engineering, 2021, 2, 174-186.	6.3	193
4	Factors affecting the refractive index of amino acid-based deep eutectic solvents. Chemical Thermodynamics and Thermal Analysis, 2021, 3-4, 100016.	1.5	5
5	Significant Improvement in Dissolving Lithium-Ion Battery Cathodes Using Novel Deep Eutectic Solvents at Low Temperature. ACS Sustainable Chemistry and Engineering, 2021, 9, 12940-12948.	6.7	45
6	Vaporization enthalpy, long-term evaporation and evaporation mechanism of polyethylene glycol-based deep eutectic solvents. New Journal of Chemistry, 2020, 44, 9493-9501.	2.8	18
7	Visible Light-Driven Photoreduction of CO ₂ to CH ₄ over TiO ₂ Using a Multiple-Site Ionic Liquid as an Absorbent and Photosensitizer. ACS Sustainable Chemistry and Engineering, 2020, 8, 9088-9094.	6.7	26
8	Capture of Toxic Gases by Deep Eutectic Solvents. ACS Sustainable Chemistry and Engineering, 2020, 8, 5410-5430.	6.7	122
9	Water absorption by deep eutectic solvents. Physical Chemistry Chemical Physics, 2019, 21, 2601-2610.	2.8	109
10	Conversion of CO ₂ to value-added products mediated by ionic liquids. Green Chemistry, 2019, 21, 2544-2574.	9.0	199
11	Visible-light-driven conversion of CO ₂ from air to CO using an ionic liquid and a conjugated polymer. Green Chemistry, 2017, 19, 5777-5781.	9.0	62
12	Water Sorption in Amino Acid Ionic Liquids: Kinetic, Mechanism, and Correlations between Hygroscopicity and Solvatochromic Parameters. ACS Sustainable Chemistry and Engineering, 2014, 2, 138-148.	6.7	41
13	Water Sorption in Functionalized Ionic Liquids: Kinetics and Intermolecular Interactions. Industrial & Engineering Chemistry Research, 2013, 52, 2073-2083.	3.7	56
14	Water sorption in ionic liquids: kinetics, mechanisms and hydrophilicity. Physical Chemistry Chemical Physics, 2012, 14, 12252.	2.8	175
15	Quantitative Research on the Vaporization and Decomposition of [EMIM][Tf ₂ N] by Thermogravimetric Analysis–Mass Spectrometry. Industrial & Engineering Chemistry Research, 2012, 51, 7418-7427.	3.7	83
16	Carbon dioxide capture by a dual amino ionic liquid with amino-functionalized imidazolium cation and taurine anion. International Journal of Greenhouse Gas Control, 2011, 5, 628-633.	4.6	153