

# Liliana P Silva

## List of Publications by Year in descending order

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29  
papers

1,468  
citations

394286

19  
h-index

477173

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all docs

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docs citations

29  
times ranked

1044  
citing authors

#	ARTICLE	IF	CITATIONS
1	The excess volumes of protic ionic liquids and its significance to their thermodynamic modelling. <i>Fluid Phase Equilibria</i> , 2022, 552, 113277.	1.4	2
2	Encapsulated Protic Ionic Liquids as Sustainable Materials for CO <sub>2</sub> Separation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2022, 61, 4046-4057.	1.8	4
3	Liquefying Flavonoids with Terpenoids through Deep Eutectic Solvent Formation. <i>Molecules</i> , 2022, 27, 2649.	1.7	9
4	Comment on "Structural Study of a Eutectic Solvent Reveals Hydrophobic Segregation and Lack of Hydrogen Bonding between the Components" <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 8669-8670.	3.2	5
5	The role of ionic vs. non-ionic excipients in APIs-based eutectic systems. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 156, 105583.	1.9	10
6	Development of a robust soft-SAFT model for protic ionic liquids using new high-pressure density data. <i>Fluid Phase Equilibria</i> , 2021, 539, 113036.	1.4	10
7	Differences on the impact of water on the deep eutectic solvents betaine/urea and choline/urea. <i>Journal of Chemical Physics</i> , 2021, 155, 034501.	1.2	19
8	Solid-liquid phase behavior of eutectic solvents containing sugar alcohols. <i>Journal of Molecular Liquids</i> , 2021, 337, 116392.	2.3	12
9	Non-Ideality in Thymol + Menthol Type V Deep Eutectic Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 2203-2211.	3.2	72
10	Understanding the Formation of Deep Eutectic Solvents: Betaine as a Universal Hydrogen Bond Acceptor. <i>ChemSusChem</i> , 2020, 13, 4916-4921.	3.6	68
11	Encapsulated Amino Acid-Based Ionic Liquids for CO <sub>2</sub> Capture. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3158-3166.	1.0	19
12	Hollow Fibers with Encapsulated Green Amino Acid-Based Ionic Liquids for Dehydration. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 17763-17771.	3.2	23
13	Eutectic Mixtures Based on Polyalcohols as Sustainable Solvents: Screening and Characterization. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 15317-15326.	3.2	29
14	Liquefying Compounds by Forming Deep Eutectic Solvents: A Case Study for Organic Acids and Alcohols. <i>Journal of Physical Chemistry B</i> , 2020, 124, 4174-4184.	1.2	25
15	Phenolic hydrogen bond donors in the formation of non-ionic deep eutectic solvents: the quest for type V DES. <i>Chemical Communications</i> , 2019, 55, 10253-10256.	2.2	272
16	What a difference a methyl group makes " probing choline-urea molecular interactions through urea structure modification. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 18278-18289.	1.3	24
17	The Role of Charge Transfer in the Formation of Type I Deep Eutectic Solvent-Analogous Ionic Liquid Mixtures. <i>Molecules</i> , 2019, 24, 3687.	1.7	21
18	Greener Terpene-Terpene Eutectic Mixtures as Hydrophobic Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 17414-17423.	3.2	85

#	ARTICLE	IF	CITATIONS
19	A methodology to parameterize SAFT-type equations of state for solid precursors of deep eutectic solvents: the example of cholinium chloride. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 15046-15061.	1.3	32
20	Using COSMO-RS to design choline chloride pharmaceutical eutectic solvents. <i>Fluid Phase Equilibria</i> , 2019, 497, 71-78.	1.4	64
21	Can cholinium chloride form eutectic solvents with organic chloride-based salts?. <i>Fluid Phase Equilibria</i> , 2019, 493, 120-126.	1.4	16
22	Solubility and solid phase studies of isomeric phenolic acids in pure solvents. <i>Journal of Molecular Liquids</i> , 2018, 272, 1048-1057.	2.3	19
23	Tunable Hydrophobic Eutectic Solvents Based on Terpenes and Monocarboxylic Acids. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8836-8846.	3.2	207
24	The Role of Polyfunctionality in the Formation of [Ch]Cl-Carboxylic Acid-Based Deep Eutectic Solvents. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 11195-11209.	1.8	46
25	Design and Characterization of Sugar-Based Deep Eutectic Solvents Using Conductor-like Screening Model for Real Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 10724-10734.	3.2	98
26	Measurement and PC-SAFT modeling of solid-liquid equilibrium of deep eutectic solvents of quaternary ammonium chlorides and carboxylic acids. <i>Fluid Phase Equilibria</i> , 2017, 448, 69-80.	1.4	88
27	Indirect assessment of the fusion properties of choline chloride from solid-liquid equilibria data. <i>Fluid Phase Equilibria</i> , 2017, 448, 9-14.	1.4	73
28	Characterization and Modeling of the Liquid Phase of Deep Eutectic Solvents Based on Fatty Acids/Alcohols and Choline Chloride. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 12192-12202.	1.8	57
29	Terpenes solubility in water and their environmental distribution. <i>Journal of Molecular Liquids</i> , 2017, 241, 996-1002.	2.3	59