Nerea Rodriguez Rodriguez

List of Publications by Year
in descending order

19 papers	920 citations	516561 16 h-index	794469 19 g-index
19 all docs	19 docs citations	19 times ranked	920 citing authors

#	Article	IF	Citations
1	Combined Hydroâ€“Solvoâ€“Bioleaching Approach toward the Valorization of a Sulfidic Copper Mine Tailing. Industrial & Engineering Chemistry Research, 2022, 61, 684-693.	1.8	1
2	Integrated Process for Recovery of Rare-Earth Elements from Lamp Phosphor Waste Using Methanesulfonic Acid. Industrial & Engineering Chemistry Research, 2021, 60, 10319-10326.	1.8	13
3	Dissolution behavior of precious metals and selective palladium leaching from spent automotive catalysts by trihalide ionic liquids. RSC Advances, 2021, 11, 10110-10120.	1.7	18
4	Selective Removal of Zinc from BOF Sludge by Leaching with Mixtures of Ammonia and Ammonium Carbonate. Journal of Sustainable Metallurgy, 2020, 6, 680-690.	1.1	21
5	Recovery of yttrium and europium from spent fluorescent lamps using pure levulinic acid and the deep eutectic solvent levulinic acidâ€“choline chloride. RSC Advances, 2020, 10, 28879-28890.	1.7	33
6	Selective recovery of zinc from goethite residue in the zinc industry using deep-eutectic solvents. RSC Advances, 2020, 10, 7328-7335.	1.7	34
7	Recovery of Lead and Silver from Zinc Leaching Residue Using Methanesulfonic Acid. ACS Sustainable Chemistry and Engineering, 2019, 7, 19807-19815.	3.2	32
8	p-Toluenesulfonic Acid-Based Deep-Eutectic Solvents for Solubilizing Metal Oxides. ACS Sustainable Chemistry and Engineering, 2019, 7, 3940-3948.	3.2	100
9	Degradation of Deep-Eutectic Solvents Based on Choline Chloride and Carboxylic Acids. ACS Sustainable Chemistry and Engineering, 2019, 7, 11521-11528.	3.2	179
10	Oil desulfurization using deep eutectic solvents as sustainable and economical extractants via liquid-liquid extraction: Experimental and PC-SAFT predictions. Fluid Phase Equilibria, 2018, 467, 33-44.	1.4	43
11	Effect of the Type of Ammonium Salt on the Extractive Desulfurization of Fuels Using Deep Eutectic Solvents. Journal of Chemical & Engineering Data, 2018, 63, 1088-1095.	1.0	35
12	Separation of Thiophene from Aliphatic Hydrocarbons Using Tetrahexylammonium-Based Deep Eutectic Solvents as Extracting Agents. Journal of Chemical & Engineering Data, 2017, 62, 2911-2919.	1.0	43
13	Experimental determination of the LLE data of systems consisting of {hexane + benzene + deep eutectic solvent} and prediction using the Conductor-like Screening Model for Real Solvents. Journal of Chemical Thermodynamics, 2017, 104, 128-137.	1.0	48
14	Glycerol-Based Deep Eutectic Solvents as Extractants for the Separation of MEK and Ethanol via Liquidâ€“Liquid Extraction. Journal of Chemical & Engineering Data, 2016, 61, 865-872.	1.0	48
15	Isopropanol dehydration via extractive distillation using low transition temperature mixtures as entrainers. Journal of Chemical Thermodynamics, 2015, 85, 216-221.	1.0	46
16	The ionic liquid 1-ethyl-3-methylimidazolium tris(pentafluoroethyl)trifluorophosphate as alternative extractant for BTEX separation. Fluid Phase Equilibria, 2015, 405, 17-24.	1.4	15
17	Aliphatic+ethanol separation via liquidâ€“liquid extraction using low transition temperature mixtures as extracting agents. Fluid Phase Equilibria, 2015, 394, 71-82.	1.4	45
18	Aliphaticâ€“Aromatic Separation Using Deep Eutectic Solvents as Extracting Agents. Industrial & Engineering Chemistry Research, 2015, 54, 11404-11412.	1.8	85

#	Article	IF	Citations
19	Low transition temperature mixtures (LTTMs) as novel entrainers in extractive distillation. Fluid Phase Equilibria, 2015, 385, 72-78.	1.4	81