Lemaoui Tarek

List of Publications by Citations

13 papers	193 citations	9 h-index	13 g-index
14 ext. papers	373 ext. citations	5.9 avg, IF	3.71 L-index

#	Paper	IF	Citations
13	Prediction of Electrical Conductivity of Deep Eutectic Solvents Using COSMO-RS Sigma Profiles as Molecular Descriptors: A Quantitative Structure□Property Relationship Study. *Industrial & Engineering Chemistry Research*, **2020**, 59, 13343-13354	3.9	41
12	Predicting the density and viscosity of hydrophobic eutectic solvents: towards the development of sustainable solvents. *Green Chemistry*, **2020**, 22, 8511-8530	10	31
11	Quantitative structure properties relationship for deep eutectic solvents using S□profile as molecular descriptors. *Journal of Molecular Liquids*, **2020**, 309, 113165	6	21
10	Simultaneous dearomatization, desulfurization, and denitrogenation of diesel fuels using acidic deep eutectic solvents as extractive agents: A parametric study. *Separation and Purification Technology*, **2021**, 256, 117861	8.3	20
9	Extraction of Thiophene, Pyridine, and Toluene from n-Decane as a Diesel Model Using Betaine-Based Natural Deep Eutectic Solvents. *Journal of Chemical & Engineering Data*, **2020**, 65, 5443-5457	2.8	16
8	Multicomponent Extraction of Aromatics and Heteroaromatics from Diesel Using Acidic Eutectic Solvents: Experimental and COSMO-RS Predictions. *Journal of Molecular Liquids*, **2021**, 336, 116575	6	12
7	Surface adsorption of Crizotinib on carbon and boron nitride nanotubes as Anti-Cancer drug Carriers: COSMO-RS and DFT molecular insights. *Journal of Molecular Liquids*, **2021**, 338, 116666	6	12
6	Molecular-Based Guide to Predict the pH of Eutectic Solvents: Promoting an Efficient Design Approach for New Green Solvents. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 5783-5808	8.3	11
5	In silico drug discovery of Acetylcholinesterase and Butyrylcholinesterase enzymes inhibitors based on Quantitative Structure-Activity Relationship (QSAR) and drug-likeness evaluation. *Journal of Molecular Structure*, **2021**, 1229, 129845	3.4	9
4	drug discovery of IKK-□inhibitors from 2-amino-3-cyano-4-alkyl-6-(2-hydroxyphenyl) pyridine derivatives based on QSAR, docking, molecular dynamics and drug-likeness evaluation studies. *Journal of Biomolecular Structure and Dynamics*, **2020**, 1-17	3.6	8
3	Green Extraction of Volatile Fatty Acids from Fermented Wastewater Using Hydrophobic Deep Eutectic Solvents. *Fermentation*, **2021**, 7, 226	4.7	4
2	Liquification of 2,2,4-trimethyl-1,3-pentanediol into hydrophobic eutectic mixtures: A multi-criteria design for eco-efficient boron recovery. *Chemical Engineering Journal*, **2021**, 426, 131342	14.7	4
1	Computational modeling of polydecanediol-co-citrate using benzalkonium chloride-based hydrophobic eutectic solvents: COSMO-RS, reactivity, and compatibility insights. *Journal of Molecular Liquids*, **2021**, 339, 116674	6	2