Lemaoui Tarek

List of Publications by Year
in descending order

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14	530	687220 13	1058333 14
papers	citations	h-index	g-index

14	14	14	247
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prediction of Electrical Conductivity of Deep Eutectic Solvents Using COSMO-RS Sigma Profiles as Molecular Descriptors: A Quantitative Structureâ€“Property Relationship Study. Industrial & Engineering Chemistry Research, 2020, 59, 13343-13354.	1.8	92
2	Predicting the density and viscosity of hydrophobic eutectic solvents: towards the development of sustainable solvents. Green Chemistry, 2020, 22, 8511-8530.	4.6	84
3	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.	3.9	48
4	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.	3.2	44
5	Quantitative structure properties relationship for deep eutectic solvents using SÏ*f*-profile as molecular descriptors. Journal of Molecular Liquids, 2020, 309, 113165.	2.3	40
6	Multicomponent extraction of aromatics and heteroaromatics from diesel using acidic eutectic solvents: Experimental and COSMO-RS predictions. Journal of Molecular Liquids, 2021, 336, 116575.	2.3	37
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.	2.3	37
8	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.	1.0	36
9	Green Extraction of Volatile Fatty Acids from Fermented Wastewater Using Hydrophobic Deep Eutectic Solvents. Fermentation, 2021, 7, 226.	1.4	26
10	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.	6.6	24
11	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.	1.8	23
12	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.	2.3	18
13	In silico drug discovery of IKK-Î² 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, 2022, 40, 886-902.	2.0	17
14	Molecular Docking of New Active Compounds Towards the Acetylcholinesterase Enzyme. Current Research in Bioinformatics, 2019, 8, 18-20.	0.0	4