

Girma Gonfa

List of Publications by Year in descending order

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papers

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1163117

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1474206

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11
all docs

11
docs citations

11
times ranked

397
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning ionic liquids for natural gas dehydration using COSMO-RS methodology. Journal of Natural Gas Science and Engineering, 2015, 27, 1141-1148.	4.4	78
2	Studies on the Physicochemical Properties of Ionic Liquids Based On 1-Octyl-3-methylimidazolium Amino Acids. Journal of Chemical & Engineering Data, 2015, 60, 1756-1763.	1.9	36
3	Experimental and quantum study of corrosion of A36 mild steel towards 1-butyl-3-methylimidazolium tetrachloroferrate ionic liquid. Applied Surface Science, 2016, 365, 76-83.	6.1	34
4	Synthesis and characterization of iso-reticular metal-organic Framework-3 (IRMOF-3) for CO ₂ /CH ₄ adsorption: Impact of post-synthetic aminomethyl propanol (AMP) functionalization. Journal of Natural Gas Science and Engineering, 2019, 72, 103014.	4.4	32
5	Density and excess molar volume of binary mixture of thiocyanate-based ionic liquids and methanol at temperatures 293.15â€“323.15K. Journal of Molecular Liquids, 2015, 211, 734-741.	4.9	29
6	Quantitative structureâ€“activity relationships (QSARs) for estimation of activity coefficient at infinite dilution of water in ionic liquids for natural gas dehydration. Journal of the Taiwan Institute of Chemical Engineers, 2016, 66, 222-229.	5.3	26
7	Effect of Structural Variations on the Thermophysical Properties of Protic Ionic Liquids: Insights from Experimental and Computational Studies. Journal of Chemical & Engineering Data, 2017, 62, 2993-3003.	1.9	21
8	Synthesis, COSMO-RS analysis and optical properties of surface modified ZnS quantum dots using ionic liquids. Journal of Physics and Chemistry of Solids, 2015, 85, 34-38.	4.0	19
9	Adsorption of sodium from saline water with natural and acid activated Ethiopian bentonite. Results in Engineering, 2022, 14, 100440.	5.1	10
10	Separation of Benzene and Cyclohexane with Mixed Solvent Using Extractive Distillation. Applied Mechanics and Materials, 0, 625, 578-581.	0.2	5
11	Volumetric properties of binary mixtures of benzene with cyano-based ionic liquids. , 2014, , .		2