Shokat Sarmad

List of Publications by Year
in descending order

16 papers	1,015 citations	623574 14 h-index	996849 15 g-index
16 all docs	16 docs citations	16 times ranked	1085 citing authors

#	Article	IF	Citations
1	How Different Electrolytes Can Influence the Aqueous Solution Behavior of 1-Ethyl-3-Methylimidazolium Chloride: A Volumetric, Viscometric, and Infrared Spectroscopy Approach. Frontiers in Chemistry, 2020, 8, 593786.	1.8	11
2	Amine functionalized deep eutectic solvent for CO2 capture: Measurements and modeling. Journal of Molecular Liquids, 2020, 309, 113159.	2.3	64
3	Carbon Dioxide Capture with Ionic Liquids and Deep Eutectic Solvents: A New Generation of Sorbents. ChemSusChem, 2017, 10, 324-352.	3.6	288
4	Screening of deep eutectic solvents (DESs) as green CO₂ sorbents: from solubility to viscosity. New Journal of Chemistry, 2017, 41, 290-301.	1.4	186
5	Development of Low-Cost Deep Eutectic Solvents for CO 2 Capture. Energy Procedia, 2017, 142, 3320-3325.	1.8	48
6	Dielectric, thermal, and swelling properties of calcium ion-crosslinked sodium alginate film. Polymer Engineering and Science, 2014, 54, 1372-1382.	1.5	44
7	Synthesis, characterization and bending behavior of electroresponsive sodium alginate/poly(acrylic) Tj ETQq1 1 0.784314 rgBT /Overl Chemical, 2014, 202, 878-892.	4.0	60
8	Electric field responsive chitosanâ€“poly(N,N-dimethyl acrylamide) semi-IPN gel films and their dielectric, thermal and swelling characterization. Smart Materials and Structures, 2013, 22, 055010.	1.8	22
9	Cellulose Graft Copolymers: Synthesis, Properties, and Applications. , 2013, , 15-57.		50
10	Apparent molar volumes, apparent isentropic compressibilities, and viscosity B-coefficients of 1-ethyl-3-methylimidazolium bromide in aqueous di-potassium hydrogen phosphate and potassium di-hydrogen phosphate solutions at T=(298.15, 303.15, 308.15, 313.15, and 318.15)K. Journal of Chemical Thermodynamics, 2012, 54, 192-203.	1.0	25
11	Osmotic and activity coefficient of 1-ethyl-3-methylimidazolium chloride in aqueous solutions of tri-potassium phosphate, potassium carbonate, and potassium chloride at. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2011, 35, 331-341.	0.7	21
12	Effect of tri-potassium phosphate on volumetric, acoustic, and transport behaviour of aqueous solutions of 1-ethyl-3-methylimidazolium bromide at T=(298.15 to 318.15)K. Journal of Chemical Thermodynamics, 2010, 42, 1213-1221.	1.0	111
13	Osmotic and Activity Coefficient of 1-Ethyl-3-methylimidazolium Bromide in Aqueous Solutions of Potassium Dihydrogen Phosphate, Dipotassium Hydrogen Phosphate, and Tripotassium Phosphate at T = 298.15 K. Journal of Chemical & Engineering Data, 2010, 55, 5182-5190.	1.0	24
14	Volumetric and Ultrasonic Studies of the Poly(ethylene glycol) Methacrylate 360 + Alcohol Systems at 298.15 K. Journal of Chemical & Engineering Data, 2006, 51, 968-971.	1.0	18
15	Measurement and modeling of densities and sound velocities of the systems {poly(propylene) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Chemical Thermodynamics, 2006, 38, 257-263.	1.0	26
16	Measurement and Correlation of Phase Equilibria for Poly(ethylene glycol) Methacrylate + Alcohol Systems at 298.15 K. Journal of Chemical & Engineering Data, 2005, 50, 283-287.	1.0	17