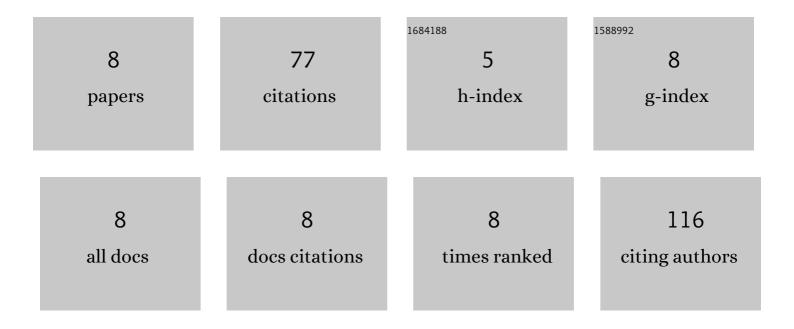
Ramesh Singh

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Thermodynamic analysis using COSMO-RS studies of reversible ionic liquid 3-aminopropyl triethoxysilane blended with amine activators for CO2 absorption. Journal of Molecular Liquids, 2021, 324, 114713.	4.9	5
2	COSMO-RS Analysis of CO ₂ Solubility in <i>N</i> -Methyldiethanolamine, Sulfolane, and 1-Butyl-3-methyl-imidazolium Acetate Activated by 2-Methylpiperazine for Postcombustion Carbon Capture. ACS Omega, 2021, 6, 747-761.	3.5	10
3	Effect of CO2 and H2O on the behavior of shale gas confined inside calcite [104] slit-like nanopore: a molecular dynamics simulation study. Journal of Molecular Modeling, 2019, 25, 293.	1.8	18
4	Size effect of oscillating columns on mixing: A CFD study. European Journal of Mechanics, B/Fluids, 2019, 77, 230-238.	2.5	4
5	Molecular dynamics simulation of shale gas confined inside slit-like calcite [104] nanopore. Molecular Simulation, 2019, 45, 104-110.	2.0	12
6	Utilizing Simtronics, a chemical engineering process simulation software, in chemical engineering coursework to reduce the skills gap. Computer Applications in Engineering Education, 2019, 27, 519-525.	3.4	5
7	A Monte Carlo simulation study to predict the solubility of H ₂ S in ionic liquids with 1-butyl-3-methylimidazolium ([C ₄ mim ⁺]) cation and tetrafluoroborate ([BF ₄ ^{â⁻}]), hexaflorophosphate ([PF ₆ ^{â⁻}]) and bis(trifluoromethanesulfonyl)amide ([Tf ₂ N ^{â⁻}]) anions. Molecular Simulation,	2.0	2
8	A Monte Carlo Simulation Study To Predict the Solubility of Carbon Dioxide, Hydrogen, and Their Mixture in the Ionic Liquids 1-Alkyl-3-methylimidazolium bis(trifluoromethanesulfonyl)amide ([C _{<i>n</i>} mim ⁺][Tf ₂ N [–]], <i>n</i>	3.7	21

& amp; Engineering Chemistry Research, 2015, 54, 4385-4395.