Fatemeh Sabzi

List of Publications by Year
in descending order

26 papers	270 citations	10 h-index	16 g-index
27 all docs	27 docs citations	27 times ranked	278 citing authors

#	Article	IF	Citations
1	Hydrogen storage in a series of Zn-based MOFs studied by Sanchez–Lacombe equation of state. International Journal of Hydrogen Energy, 2015, 40, 1651-1656.	7.1	30
2	Modeling of thermodiffusion in liquid metal alloys. Physical Chemistry Chemical Physics, 2010, 12, 13835.	2.8	28
3	Prediction of solubility of sulfur dioxide in ionic liquids using artificial neural network. Journal of Molecular Liquids, 2015, 211, 395-400.	4.9	28
4	Prediction of hydrate formation conditions based on the vdWP–type models at high pressures. Canadian Journal of Chemical Engineering, 2011, 89, 254-263.	1.7	21
5	Application of the ISM EoS for polymer melts. European Polymer Journal, 2004, 40, 1105-1110.	5.4	18
6	Thermodynamic modeling of CO_2 absorption in 1-butyl-3-methylimidazolium-based ionic liquids. Journal of Molecular Liquids, 2016, 223, 235-242.	4.9	13
7	Prediction of CO_2 solubility in ionic liquids with [HMIM] and [OMIM] cations by equation of state. Journal of Molecular Liquids, 2016, 216, 87-93.	4.9	13
8	Thermodynamic modeling of hydrogen solubility in a series of ionic liquids. International Journal of Hydrogen Energy, 2018, 43, 18296-18305.	7.1	13
9	Hydrogen storage in a series of Zn-based MOFs studied by PHSC equation of state. International Journal of Hydrogen Energy, 2014, 39, 14851-14857.	7.1	11
10	Prediction of CO_2 sorption in poly(ionic liquid)s using ANN-GC and ANFIS-GC models. International Journal of Greenhouse Gas Control, 2017, 63, 95-106.	4.6	11
11	Sorption of methane in a series of Zn-based MOFs studied by PHSC equation of state. Fluid Phase Equilibria, 2014, 381, 83-89.	2.5	10
12	The ISM Equation of State Applied to Refrigerants. International Journal of Thermophysics, 1999, 20, 1547-1555.	2.1	9
13	Modified perturbed hard-sphere equation of state for alkali metal alloys. Journal of Non-Crystalline Solids, 2006, 352, 3113-3120.	3.1	9
14	Sorption of CO_2, C_2H_2 and C_2H_4 in HOF-1a studied by PHSC equation of state. Fluid Phase Equilibria, 2013, 360, 23-28.	2.5	9
15	Compatibility of polymer blends. I. Copolymers with organic solvents. Journal of Applied Polymer Science, 2006, 101, 492-498.	2.6	7
16	Prediction of water vapor sorption in the polymeric membranes using PHSC equation of state. Journal of Natural Gas Science and Engineering, 2014, 21, 757-763.	4.4	7
17	Sorption phenomena of organic solvents in polymers: Part II. European Polymer Journal, 2005, 41, 2067-2087.	5.4	6
18	Hydrogen storage in a series of Zn-based IRMOFs studied by Sanchez–Lacombe equation of state. International Journal of Hydrogen Energy, 2014, 39, 21076-21082.	7.1	6

#	Article	IF	Citations
19	Application of the ISM EoS for polymer solutions and blends. European Polymer Journal, 2004, 40, 2689-2698.	5.4	4
20	Sorption phenomena of organic solvents in polymers: Part I. European Polymer Journal, 2005, 41, 974-983.	5.4	4
21	Prediction of CO2 and H2 solubility, diffusion, and permeability in MFI zeolite by molecular dynamics simulation. Structural Chemistry, 2021, 32, 1641-1650.	2.0	4
22	Methane Adsorption in a Series of IRMOFs Studied by PHSC and Sanchezâ€"Lacombe Equations of State. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 1298-1304.	3.7	3
23	Gas Transport Through Polymer Blends. , 2018, , 517-532.		3
24	Sorption mechanism in organic solutions of uncharged polymers. Journal of Applied Polymer Science, 2010, 117, 1867-1875.	2.6	2
25	Theoretical Aspects of Gas Transport in Polymers. , 2018, , 425-439.		1
26	Gas Transport Through Interpenetrating Polymer Networks. , 2018, , 533-546.		0