Sayed Mostafa Hosseini

List of Publications by Year
in descending order

24	322	949033 11	993246 17
papers	citations	h-index	g-index

25	25	25	224
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Viscosity modeling of fatty acid esters and biodiesels based on friction theory and perturbed hard-dimer-chain equation of state. Journal of Molecular Liquids, 2021, 325, 115048.	2.3	4
2	ISM equation of state and PVTx profile of polymer solutions. Physics and Chemistry of Liquids, 2019, 57, 565-577.	0.4	1
3	Molecular thermodynamic modeling of surface tensions of some fatty acid esters and biodiesels. Journal of Molecular Liquids, 2019, 281, 431-443.	2.3	23
4	Viscosities of some fatty acid esters and biodiesel fuels from a rough hard-sphere-chain model and artificial neural network. Fuel, 2019, 235, 1083-1091.	3.4	35
5	Predictive methods and semi-classical Equations of State for pure ionic liquids: A review. Journal of Chemical Thermodynamics, 2019, 130, 47-94.	1.0	34
6	Erratum to â€œTransport properties of pure and mixture of ionic liquids from new rough hard-sphere-based modelâ€•[Fluid Phase Equil. 429 (2016) 266â€“274]. Fluid Phase Equilibria, 2018, 458, 300.	1.4	10
7	On the rough hard-sphere-based model for transport properties of nanofluids. Fluid Phase Equilibria, 2018, 458, 186-193.	1.4	12
8	Erratum to â€œNew version of Tammann-Tait equation: Application to nanofluids, [J. Mol. Liq. 220 (2016) 404â€“408]â€• Journal of Molecular Liquids, 2018, 272, 423-424.	2.3	0
9	Application of perturbed hard-sphere equation of state to the study of volumetric properties of nano-fluids. Fluid Phase Equilibria, 2016, 423, 181-189.	1.4	5
10	Transport properties of pure and mixture of ionic liquids from new rough hard-sphere-based model. Fluid Phase Equilibria, 2016, 429, 266-274.	1.4	27
11	Predicting solubility parameter of molecular fluids. Journal of Molecular Liquids, 2015, 211, 560-566.	2.3	8
12	Modeling volumetric properties of amorphous and molten polymers using new perturbed-chain equation of state. Journal of Molecular Liquids, 2015, 212, 900-906.	2.3	9
13	Surface thermodynamic properties of ionic liquids from new molecular thermodynamic model and ion-contribution equation of state. Chemical Engineering Science, 2015, 122, 622-629.	1.9	16
14	Prediction of volumetric properties of polymer melts using new perturbed hard-chain equation of state. Fluid Phase Equilibria, 2014, 363, 213-219.	1.4	5
15	Thermodynamic properties of refrigerants from SM sound velocity-based equation of state. Physics and Chemistry of Liquids, 2014, 52, 546-555.	0.4	1
16	Prediction of volumetric properties of some fatty acid methyl esters, biodiesel fuels and their blends using perturbed Yukawa hard-core chain equation of state. Fluid Phase Equilibria, 2014, 372, 105-112.	1.4	13
17	Densities of ionic liquids from ion contribution-based equation of state: Electrolyte perturbation approach. Journal of Molecular Liquids, 2014, 197, 287-294.	2.3	15
18	Surface Tension of Refrigerant Fluids from a Molecular-Based Model. Bulletin of the Chemical Society of Japan, 2014, 87, 1202-1207.	2.0	6

#	Article	IF	Citations
19	Modified equation of state extended to imidazolium-, phosphonium-, pyridinium-, pyrrolidinium- and ammonium-based ionic liquids. Ionics, 2012, 18, 829-835.	1.2	5
20	Modeling of P-Ï•T properties of ionic liquids using ISM equation of state: Application to pure component and binary mixtures. Korean Journal of Chemical Engineering, 2012, 29, 1628-1637.	1.2	10
21	Improved equation of state for ionic liquids using surface tension. Ionics, 2011, 17, 511-516.	1.2	9
22	Modification of van der Waals family equations of state. Journal of Molecular Liquids, 2011, 158, 57-60.	2.3	19
23	A perturbed hard-sphere equation of state for phosphonium-, pyridinium-, and pyrrolidinium-based ionic liquids. Ionics, 2010, 16, 571-575.	1.2	28
24	A perturbed hard-sphere equation of state extended to imidazolium-based ionic liquids. Ionics, 2010, 16, 757-761.	1.2	26