

Sayed Mostafa Hosseini

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7372314/sayed-mostafa-hosseini-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

244
citations

10
h-index

15
g-index

25
ext. papers

285
ext. citations

3.8
avg, IF

3.82
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 24 | A perturbed hard-sphere equation of state for phosphonium-, pyridinium-, and pyrrolidinium-based ionic liquids. <i>Ionics</i> , 2010 , 16, 571-575 | 2.7 | 28 |
| 23 | A perturbed hard-sphere equation of state extended to imidazolium-based ionic liquids. <i>Ionics</i> , 2010 , 16, 757-761 | 2.7 | 26 |
| 22 | Predictive methods and semi-classical Equations of State for pure ionic liquids: A review. <i>Journal of Chemical Thermodynamics</i> , 2019 , 130, 47-94 | 2.9 | 25 |
| 21 | Transport properties of pure and mixture of ionic liquids from new rough hard-sphere-based model. <i>Fluid Phase Equilibria</i> , 2016 , 429, 266-274 | 2.5 | 19 |
| 20 | Modification of van der Waals family equations of state. <i>Journal of Molecular Liquids</i> , 2011 , 158, 57-60 | 6 | 17 |
| 19 | Viscosities of some fatty acid esters and biodiesel fuels from a rough hard-sphere-chain model and artificial neural network. <i>Fuel</i> , 2019 , 235, 1083-1091 | 7.1 | 17 |
| 18 | Densities of ionic liquids from ion contribution-based equation of state: Electrolyte perturbation approach. <i>Journal of Molecular Liquids</i> , 2014 , 197, 287-294 | 6 | 15 |
| 17 | Molecular thermodynamic modeling of surface tensions of some fatty acid esters and biodiesels. <i>Journal of Molecular Liquids</i> , 2019 , 281, 431-443 | 6 | 13 |
| 16 | Surface thermodynamic properties of ionic liquids from new molecular thermodynamic model and ion-contribution equation of state. <i>Chemical Engineering Science</i> , 2015 , 122, 622-629 | 4.4 | 12 |
| 15 | Prediction of volumetric properties of some fatty acid methyl esters, biodiesel fuels and their blends using perturbed Yukawa hard-core chain equation of state. <i>Fluid Phase Equilibria</i> , 2014 , 372, 105-112 | 2.5 | 10 |
| 14 | Modeling of P-T properties of ionic liquids using ISM equation of state: Application to pure component and binary mixtures. <i>Korean Journal of Chemical Engineering</i> , 2012 , 29, 1628-1637 | 2.8 | 10 |
| 13 | Improved equation of state for ionic liquids using surface tension. <i>Ionics</i> , 2011 , 17, 511-516 | 2.7 | 9 |
| 12 | Modeling volumetric properties of amorphous and molten polymers using new perturbed-chain equation of state. <i>Journal of Molecular Liquids</i> , 2015 , 212, 900-906 | 6 | 8 |
| 11 | On the rough hard-sphere-based model for transport properties of nanofluids. <i>Fluid Phase Equilibria</i> , 2018 , 458, 186-193 | 2.5 | 8 |
| 10 | Predicting solubility parameter of molecular fluids. <i>Journal of Molecular Liquids</i> , 2015 , 211, 560-566 | 6 | 5 |
| 9 | Erratum to "Transport properties of pure and mixture of ionic liquids from new rough hard-sphere-based model" [<i>Fluid Phase Equil.</i> 429 (2016) 266-274]. <i>Fluid Phase Equilibria</i> , 2018 , 458, 300 | 2.5 | 5 |
| 8 | Prediction of volumetric properties of polymer melts using new perturbed hard-chain equation of state. <i>Fluid Phase Equilibria</i> , 2014 , 363, 213-219 | 2.5 | 4 |

| | | | |
|---|---|-----|---|
| 7 | Modified equation of state extended to imidazolium-, phosphonium-, pyridinium-, pyrrolidinium- and ammonium-based ionic liquids. <i>Ionics</i> , 2012 , 18, 829-835 | 2.7 | 4 |
| 6 | Surface Tension of Refrigerant Fluids from a Molecular-Based Model. <i>Bulletin of the Chemical Society of Japan</i> , 2014 , 87, 1202-1207 | 5.1 | 3 |
| 5 | Application of perturbed hard-sphere equation of state to the study of volumetric properties of nano-fluids. <i>Fluid Phase Equilibria</i> , 2016 , 423, 181-189 | 2.5 | 3 |
| 4 | ISM equation of state and PVTx profile of polymer solutions. <i>Physics and Chemistry of Liquids</i> , 2019 , 57, 565-577 | 1.5 | 1 |
| 3 | Thermodynamic properties of refrigerants from SM sound velocity-based equation of state. <i>Physics and Chemistry of Liquids</i> , 2014 , 52, 546-555 | 1.5 | 1 |
| 2 | Viscosity modeling of fatty acid esters and biodiesels based on friction theory and perturbed hard-dimer-chain equation of state. <i>Journal of Molecular Liquids</i> , 2021 , 325, 115048 | 6 | 1 |
| 1 | Erratum to New version of Tammann-Tait equation: Application to nanofluids, [J. Mol. Liq. 220 (2016) 404-408] <i>Journal of Molecular Liquids</i> , 2018 , 272, 423-424 | 6 | |