



# Mohammad Hossein Kowsari

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## Publications

### Journals

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- Kowsari, Mohammad H and Jalali, Farzaneh, "Tracing the Effect of Replacing [Gly]<sup>-</sup> with [Ala]<sup>-</sup> and Hydroxylation of [emim]<sup>+</sup> on the Fine-Tuning of the Transport Properties of the Corresponding Amino Acid-Based Ionic Liquids Using MD Simulation", The Journal of Physical Chemistry B, Vol. 127, NO. 1, 1, 2023
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  - Kowsari, Mohammad H and Tohidifar, Leila, "Systematic



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- Kowsari, MH and Torabi, S. M., "Molecular Dynamics Simulation of the 1-Butyl-3-methylimidazolium Nitrate Ionic Liquid and the Dynamical Behavior of the Ionic Liquid-Water Binary Mixtures", *Nashrieh Shimi va Mohandesi Shimi Iran (NSMSI) (in Persian)*, Vol. 37, NO. 2, 2018
- Kowsari, MH and Ganjkanloo, A., "Structure and Thermodynamic Properties of Imidazolium-Based Ionic Liquids with Dicyanamide Anion: A Molecular Dynamics Study", *Nashrieh Shimi va Mohandesi Shimi Iran (NSMSI) (in Persian)*, Vol. 37, NO. 2, 2018
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## Physical CO<sub>2</sub> Capture in the Ionic Liquid

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