

# Aditya Gupta

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

373  
citations

1039880

9  
h-index

1281743

11  
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11  
all docs

11  
docs citations

11  
times ranked

405  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Nanoscale heterogeneity, hydrogen bonding and their temperature dependence in cholinium phenylalaninate bio-ionic liquid. <i>Journal of Molecular Liquids</i> , 2021, 326, 115329.                             | 2.3 | 6         |
| 2  | Structure of cholinium glycinate biocompatible ionic liquid at graphite electrode interface. <i>Journal of Chemical Physics</i> , 2021, 154, 184702.   | 1.2 | 9         |
| 3  | Molecular Dynamics Evaluation of the Effect of Cholinium Phenylalaninate Biocompatible Ionic Liquid on Biomimetic Membranes. <i>Journal of Physical Chemistry B</i> , 2020, 124, 6748-6762.                    | 1.2 | 13        |
| 4  | How Hydration Affects the Microscopic Structural Morphology in a Deep Eutectic Solvent. <i>Journal of Physical Chemistry B</i> , 2020, 124, 2230-2237.   | 1.2 | 75        |
| 5  | How Water Permutes the Structural Organization and Microscopic Dynamics of Cholinium Glycinate Biocompatible Ionic Liquid. <i>Journal of Physical Chemistry B</i> , 2019, 123, 2057-2069.                      | 1.2 | 21        |
| 6  | Molecular dynamics study of nanoscale organization and hydrogen bonding in binary mixtures of butylammonium nitrate ionic liquid and primary alcohols. <i>Journal of Chemical Physics</i> , 2017, 146, 064503. | 1.2 | 9         |
| 7  | Structural investigation of room-temperature ionic liquids and high-temperature ionic melts using triplet correlation functions. <i>Journal of Chemical Physics</i> , 2017, 146, .                             | 1.2 | 11        |
| 8  | Pressure-dependent morphology of trihexyl(tetradecyl)phosphonium ionic liquids: A molecular dynamics study. <i>Journal of Chemical Physics</i> , 2016, 145, 134506.  | 1.2 | 33        |
| 9  | Nanoscale Spatial Heterogeneity in Deep Eutectic Solvents. <i>Journal of Physical Chemistry B</i> , 2016, 120, 6712-6720.  | 1.2 | 123       |
| 10 | How the Structure of Pyrrolidinium Ionic Liquids Is Susceptible to High Pressure. <i>Journal of Physical Chemistry B</i> , 2016, 120, 3206-3214.   | 1.2 | 41        |
| 11 | Composition dependent structural organization in trihexyl(tetradecyl)phosphonium chloride ionic liquid-methanol mixtures. <i>Journal of Chemical Physics</i> , 2015, 142, 134503.                              | 1.2 | 32        |