

Yumiao Lu

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

115
citations

1478505

6
h-index

1588992

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9
all docs

9
docs citations

9
times ranked

51
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | Insights into Ionic Liquids: From Z-Bonds to Quasi-Liquids. <i>Jacs Au</i> , 2022, 2, 543-561. | 7.9 | 42 |
| 2 | Understanding Electric Field-Dependent Structure Variation of Functional Ionic Liquids at the Electrode Interface. <i>ChemElectroChem</i> , 2021, 8, 1588-1595. | 3.4 | 6 |
| 3 | Fast mobility induced self-lubrication at metallic glass surface. <i>Journal of Applied Physics</i> , 2021, 129, . | 2.5 | 2 |
| 4 | Probing Charge Injection-Induced Structural Transition in Ionic Liquids Confined at the MoS ₂ Surface. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 7835-7843. | 3.7 | 1 |
| 5 | Accelerating evaluation of the mobility of ionic liquid-modulated PEDOT flexible electronics using machine learning. <i>Journal of Materials Chemistry A</i> , 2021, 9, 25547-25557. | 10.3 | 11 |
| 6 | Topological engineering of two-dimensional ionic liquid islands for high structural stability and CO ₂ adsorption selectivity. <i>Chemical Science</i> , 2021, 12, 15503-15510. | 7.4 | 16 |
| 7 | A space-confined strategy toward large-area two-dimensional crystals of ionic liquid. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 1820-1825. | 2.8 | 15 |
| 8 | Height-driven structure and thermodynamic properties of confined ionic liquids inside carbon nanochannels from molecular dynamics study. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 12767-12776. | 2.8 | 22 |