

Wen-Li Yuan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9053540/publications.pdf>

Version: 2024-02-01

24
papers

530
citations

759233

12
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

481
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Viscosity, Conductivity, and Electrochemical Property of Dicyanamide Ionic Liquids. <i>Frontiers in Chemistry</i> , 2018, 6, 59. | 3.6 | 104 |
| 2 | Construction of Flexible Amine-Linked Covalent Organic Frameworks by Catalysis and Reduction of Formic Acid via the Eschweiler-Clarke Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12396-12405. | 13.8 | 77 |
| 3 | Designing high-performance hypergolic propellants based on materials genome. <i>Science Advances</i> , 2020, 6, . | 10.3 | 43 |
| 4 | Self-assembled ionic nanofibers derived from amino acids for high-performance particulate matter removal. <i>Journal of Materials Chemistry A</i> , 2019, 7, 4619-4625. | 10.3 | 40 |
| 5 | Biocompatible Ionic Liquid Based on Curcumin as Fluorescence Probe for Detecting Benzoyl Peroxide without the Interference of H_2O . <i>Analytical Chemistry</i> , 2019, 91, 6593-6599. | 6.5 | 33 |
| 6 | Self-Healable, Malleable, and Flexible Ionic Polyimine as an Environmental Sensor for Portable Exogenous Pollutant Detection. , 2022, 4, 136-144. | | 30 |
| 7 | Handy fluorescent paper device based on a curcumin derivative for ultrafast detection of peroxide-based explosives. <i>Chemical Communications</i> , 2019, 55, 13661-13664. | 4.1 | 27 |
| 8 | Super impact stable TATB explosives recrystallized by bicarbonate ionic liquids with a record solubility. <i>Scientific Reports</i> , 2020, 10, 4477. | 3.3 | 23 |
| 9 | Materials-Genome Approach to Energetic Materials. <i>Accounts of Materials Research</i> , 2021, 2, 692-696. | 11.7 | 22 |
| 10 | Is it Always Chemical When Amino Groups Come Across CO_2 ? Anion-Anion-Interaction-Induced Inhibition of Chemical Adsorption. <i>Journal of Physical Chemistry B</i> , 2019, 123, 6536-6542. | 2.6 | 17 |
| 11 | Construction of Flexible Amine-Linked Covalent Organic Frameworks by Catalysis and Reduction of Formic Acid via the Eschweiler-Clarke Reaction. <i>Angewandte Chemie</i> , 2021, 133, 12504-12513. | 2.0 | 14 |
| 12 | Ultralow-cost portable device for cesium detection via perovskite fluorescence. <i>Journal of Hazardous Materials</i> , 2022, 425, 127981. | 12.4 | 14 |
| 13 | A Redox-Responsive Complex System Based on D_2 Shape-Persistent Cyclo[6]aramide and Ferrocenium. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 966-970. | 2.7 | 13 |
| 14 | Fluorescogenic Magnetofluids Based on Gadolinium, Terbium, and Dysprosium-Containing Imidazolium Salts. <i>Inorganic Chemistry</i> , 2018, 57, 6376-6390. | 4.0 | 13 |
| 15 | Ion-pair recognition of amidinium salts by partially hydrogen-bonded heteroditopic cyclo[6]aramide. <i>RSC Advances</i> , 2016, 6, 39839-39845. | 3.6 | 12 |
| 16 | Bio-Based Antimicrobial Ionic Materials Fully Composed of Natural Products for Elevated Air Purification. <i>Advanced Sustainable Systems</i> , 2020, 4, 2000046. | 5.3 | 10 |
| 17 | Insensitive ionic bio-energetic materials derived from amino acids. <i>Scientific Reports</i> , 2017, 7, 12744. | 3.3 | 7 |
| 18 | Hydrogen-Bonding-Driven Ion-Pair Formation in Protic Ionic Liquid Aqueous Solution. <i>ChemPhysChem</i> , 2019, 20, 3259-3268. | 2.1 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Anomalous Melting Point of Multicharge Ionic Liquids: Structural, Electrostatic, and Orbital Properties of $[\text{Ln}(\text{NO}_3)_6]^{3+}$ (Ln = Ce, Pr) Anions. <i>Inorganic Chemistry</i> , 2020, 59, 13700-13708. | 4.0 | 7 |
| 20 | Insensitive energetic 5-nitroaminotetrazolate ionic liquids. <i>RSC Advances</i> , 2015, 5, 54527-54534. | 3.6 | 6 |
| 21 | Virtual Reality Assisted General Education of Nuclear Chemistry and Radiochemistry. <i>Journal of Chemical Education</i> , 2022, 99, 777-786. | 2.3 | 6 |
| 22 | Ultrasound-Responsive Ionic Liquid for Selective Phase Transition Extraction of Zr(IV) Ions. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 9053-9065. | 6.7 | 5 |
| 23 | Frontispiece: Construction of Flexible Amine-Linked Covalent Organic Frameworks by Catalysis and Reduction of Formic Acid via the Eschweiler-Clarke Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, . | 13.8 | 0 |
| 24 | Frontispiz: Construction of Flexible Amine-Linked Covalent Organic Frameworks by Catalysis and Reduction of Formic Acid via the Eschweiler-Clarke Reaction. <i>Angewandte Chemie</i> , 2021, 133, . | 2.0 | 0 |