

Wen-Li Yuan

List of Publications by Year in descending order

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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	Ultralow-cost portable device for cesium detection via perovskite fluorescence. <i>Journal of Hazardous Materials</i> , 2022, 425, 127981.	12.4	14
2	Virtual Reality Assisted General Education of Nuclear Chemistry and Radiochemistry. <i>Journal of Chemical Education</i> , 2022, 99, 777-786.	2.3	6
3	Self-Healable, Malleable, and Flexible Ionic Polyimine as an Environmental Sensor for Portable Exogenous Pollutant Detection. , 2022, 4, 136-144.		30
4	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
5	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
6	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
7	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
8	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
9	Materials-Genome Approach to Energetic Materials. <i>Accounts of Materials Research</i> , 2021, 2, 692-696.	11.7	22
10	Designing high-performance hypergolic propellants based on materials genome. <i>Science Advances</i> , 2020, 6, .	10.3	43
11	Anomalous Melting Point of Multicharge Ionic Liquids: Structural, Electrostatic, and Orbital Properties of $[\text{Ln}(\text{NO}_3)_6]^{3+}$ ($\text{Ln} = \text{Ce}, \text{Pr}$) Anions. <i>Inorganic Chemistry</i> , 2020, 59, 13700-13708.	4.0	7
12	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
13	Super impact stable TATB explosives recrystallized by bicarbonate ionic liquids with a record solubility. <i>Scientific Reports</i> , 2020, 10, 4477.	3.3	23
14	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
15	Hydrogen-Bonding-Driven Ion-Pair Formation in Protic Ionic Liquid Aqueous Solution. <i>ChemPhysChem</i> , 2019, 20, 3259-3268.	2.1	7
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Fluorescigenic Magnetofluids Based on Gadolinium, Terbium, and Dysprosium-Containing Imidazolium Salts. <i>Inorganic Chemistry</i> , 2018, 57, 6376-6390.	4.0	13
20	Viscosity, Conductivity, and Electrochemical Property of Dicyanamide Ionic Liquids. <i>Frontiers in Chemistry</i> , 2018, 6, 59.	3.6	104
21	Insensitive ionic bio-energetic materials derived from amino acids. <i>Scientific Reports</i> , 2017, 7, 12744.	3.3	7
22	A Redox-Responsive Complex System Based on 2D Shape-Persistent Cyclo[6]aramide and Ferrocenium. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 966-970.	2.7	13
23	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
24	Insensitive energetic 5-nitroaminotetrazolate ionic liquids. <i>RSC Advances</i> , 2015, 5, 54527-54534.	3.6	6