

Tiesheng Wang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,100
citations

759233

12
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

1915
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible Light Stimulated Bistable Photo-Switching in Defect Engineered Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2021, 60, 11706-11710.	4.0	9
2	Fluorescence Enhancement through Confined Oligomerization in Nanochannels: An Anthryl Oligomer in a Metal-Organic Framework. , 2021, 3, 1599-1604.		4
3	Liquid-phase sintering of lead halide perovskites and metal-organic framework glasses. <i>Science</i> , 2021, 374, 621-625.	12.6	137
4	Electro-responsive surfaces with controllable wrinkling patterns for switchable light reflection-diffusion-grating devices. <i>Materials Today</i> , 2020, 41, 51-61.	14.2	10
5	Mild Hydrothermal Crystallization of Heavy Rare-Earth Chromite RECrO_3 (RE = Er, Tm, Yb,) <i>Tj ETQq1 1 0,784314,rgBT /Over</i>	4.0	26
6	Improving the Acidic Stability of Zeolitic Imidazolate Frameworks by Biofunctional Molecules. <i>Chem</i> , 2019, 5, 1597-1608.	11.7	148
7	Rational approach to guest confinement inside MOF cavities for low-temperature catalysis. <i>Nature Communications</i> , 2019, 10, 1340.	12.8	100
8	Unraveling the Interfacial Structure-Performance Correlation of Flexible Metal-Organic Framework Membranes on Polymeric Substrates. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 5570-5577.	8.0	29
9	Bottom-up Formation of Carbon-Based Structures with Multilevel Hierarchy from MOF-Guest Polyhedra. <i>Journal of the American Chemical Society</i> , 2018, 140, 6130-6136.	13.7	87
10	Tunable fluorescence enhancement of nanostructured ZnO arrays with controlled morphology. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 14828-14834.	2.8	11
11	Red-Shifted Emission in $\text{Y}_3\text{MgSiAl}_3\text{O}_{12}:\text{Ce}^{3+}$ Garnet Phosphor for Blue Light-Pumped White Light-Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2018, 122, 15659-15665.	3.1	93
12	Fault-Tolerant Electro-Responsive Surfaces for Dynamic Micropattern Molds and Tunable Optics. <i>Scientific Reports</i> , 2017, 7, 12481.	3.3	6
13	Multidimensional performance optimization of conducting polymer-based supercapacitor electrodes. <i>Sustainable Energy and Fuels</i> , 2017, 1, 1857-1874.	4.9	133
14	Semi-Interpenetrating Polymer Networks for Enhanced Supercapacitor Electrodes. <i>ACS Energy Letters</i> , 2017, 2, 2014-2020.	17.4	57
15	Functional conductive nanomaterials via polymerisation in nano-channels: PEDOT in a MOF. <i>Materials Horizons</i> , 2017, 4, 64-71.	12.2	60
16	Development of an open technology sensor suite for assisted living: a student-led research project. <i>Interface Focus</i> , 2016, 6, 20160018.	3.0	3
17	Electroactive polymers for sensing. <i>Interface Focus</i> , 2016, 6, 20160026.	3.0	158
18	Broadband enhanced fluorescence using zinc-oxide nanoflower arrays. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2656-2663.	5.5	30

#	ARTICLE	IF	CITATIONS
19	Multi-Redox Responsive Behavior in a Mixed-Valence Semiconducting Framework Based on Bis-[1,2,5]-thiadiazolo-tetracyanoquinodimethane. <i>Journal of the American Chemical Society</i> , 0, , .	13.7	5