

Tiesheng Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1238844/publications.pdf>

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	Electroactive polymers for sensing. <i>Interface Focus</i> , 2016, 6, 20160026.	3.0	158
2	Improving the Acidic Stability of Zeolitic Imidazolate Frameworks by Biofunctional Molecules. <i>CheM</i> , 2019, 5, 1597-1608.	11.7	148
3	Liquid-phase sintering of lead halide perovskites and metal-organic framework glasses. <i>Science</i> , 2021, 374, 621-625.	12.6	137
4	Multidimensional performance optimization of conducting polymer-based supercapacitor electrodes. <i>Sustainable Energy and Fuels</i> , 2017, 1, 1857-1874.	4.9	133
5	Rational approach to guest confinement inside MOF cavities for low-temperature catalysis. <i>Nature Communications</i> , 2019, 10, 1340.	12.8	100
6	Red-Shifted Emission in $Y_3MgSiAl_3O_{12}:Ce^{3+}$ Garnet Phosphor for Blue Light-Pumped White Light-Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2018, 122, 15659-15665.	3.1	93
7	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
8	Functional conductive nanomaterials via polymerisation in nano-channels: PEDOT in a MOF. <i>Materials Horizons</i> , 2017, 4, 64-71.	12.2	60
9	Semi-Interpenetrating Polymer Networks for Enhanced Supercapacitor Electrodes. <i>ACS Energy Letters</i> , 2017, 2, 2014-2020.	17.4	57
10	Broadband enhanced fluorescence using zinc-oxide nanoflower arrays. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2656-2663.	5.5	30
11	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
12	Mild Hydrothermal Crystallization of Heavy Rare-Earth Chromite $RECrO_3$ (RE = Er, Tm, Yb). <i>Tj ETQq 0 0 0 rgBT / Overlock 10</i>	4.0	20
13	Tuneable fluorescence enhancement of nanostructured ZnO arrays with controlled morphology. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 14828-14834.	2.8	11
14	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
15	Visible Light Stimulated Bistable Photo-Switching in Defect Engineered Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2021, 60, 11706-11710.	4.0	9
16	Fault-Tolerant Electro-Responsive Surfaces for Dynamic Micropattern Molds and Tunable Optics. <i>Scientific Reports</i> , 2017, 7, 12481.	3.3	6
17	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
18	Fluorescence Enhancement through Confined Oligomerization in Nanochannels: An Anthryl Oligomer in a Metal-Organic Framework. , 2021, 3, 1599-1604.		4

#	ARTICLE	IF	CITATIONS
19	Development of an open technology sensor suite for assisted living: a student-led research project. Interface Focus, 2016, 6, 20160018.	3.0	3