

Chang-Ming Wang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

406
citations

933447

10
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

539
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-Free Transparent Three-Dimensional Flexible Electronics by Selective Molecular Bridges. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 22826-22837.	8.0	11
2	Enclosed paper-based analytical devices: Concept, variety, and outlook. <i>Analytica Chimica Acta</i> , 2021, 1144, 158-174.	5.4	24
3	Designing Sensing Devices Using Porous Composite Materials. <i>Journal of Composites Science</i> , 2021, 5, 35.	3.0	3
4	Manipulating Chemical Processes by Pseudosolid Spatial Limitation. <i>Jacs Au</i> , 2021, 1, 1435-1444.	7.9	0
5	Delicate Junction Meniscus Manipulation for Three-Dimensional Nanostructures Using Partially Molten Interfaces: Implications for Plasmonic Sensing. <i>ACS Applied Nano Materials</i> , 2021, 4, 10545-10555.	5.0	0
6	Enhancing Piezoresistive Pressure Response Device Sensitivity by Orders of Magnitude. <i>Advanced Materials Interfaces</i> , 2020, 7, 1902202.	3.7	7
7	Metal-Free Colorimetric Detection of Pyrophosphate Ions by Inhibitive Nanozymatic Carbon Dots. <i>ACS Sensors</i> , 2020, 5, 1314-1324.	7.8	52
8	Piezoresistive Sensors: Enhancing Piezoresistive Pressure Response Device Sensitivity by Orders of Magnitude (Adv. Mater. Interfaces 8/2020). <i>Advanced Materials Interfaces</i> , 2020, 7, 2070045.	3.7	1
9	A Special Connection between Nanofabrication and Analytical Devices: Chemical Lift-Off Lithography. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 600-607.	3.2	30
10	Multilayered Ag NPâ€“PEDOTâ€“Paper Composite Device for Humanâ€“Machine Interfacing. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 10380-10388.	8.0	51
11	Surface functional DNA density control by programmable molecular defects. <i>Chemical Communications</i> , 2018, 54, 4100-4103.	4.1	10
12	Low-voltage driven portable paper bipolar electrode-supported electrochemical sensing device. <i>Analytica Chimica Acta</i> , 2018, 1015, 1-7.	5.4	11
13	Self-standing aptamers by an artificial defect-rich matrix. <i>Nanoscale</i> , 2018, 10, 3191-3197.	5.6	15
14	Finely Tunable Surface Wettability by Two-Dimensional Molecular Manipulation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 41814-41823.	8.0	7
15	Wafer-scale bioactive substrate patterning by chemical lift-off lithography. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 311-320.	2.8	11
16	Large Area Nanoparticle Alignment by Chemical Lift-Off Lithography. <i>Nanomaterials</i> , 2018, 8, 71.	4.1	11
17	Laminated Copper Nanocluster Incorporated Antioxidative Paper Device with RGB System-Assisted Signal Improvement. <i>Nanomaterials</i> , 2018, 8, 97.	4.1	10
18	Paper-polymer composite devices with minimal fluorescence background. <i>Analytica Chimica Acta</i> , 2017, 963, 93-98.	5.4	22

#	ARTICLE	IF	CITATIONS
19	Multicolor Functional Carbon Dots via One-Step Refluxing Synthesis. ACS Sensors, 2017, 2, 354-363.	7.8	130