Chang-Ming Wang

List of Publications by Year
in descending order

19	406	933447 10	888059 17
papers	citations	h-index	g-index

19	19	19	539
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multicolor Functional Carbon Dots via One-Step Refluxing Synthesis. ACS Sensors, 2017, 2, 354-363.	7.8	130
2	Metal-Free Colorimetric Detection of Pyrophosphate Ions by Inhibitive Nanozymatic Carbon Dots. ACS Sensors, 2020, 5, 1314-1324.	7.8	52
3	Multilayered Ag NPâ€“PEDOTâ€“Paper Composite Device for Humanâ€“Machine Interfacing. ACS Applied Materials & Interfaces, 2019, 11, 10380-10388.	8.0	51
4	A Special Connection between Nanofabrication and Analytical Devices: Chemical Lift-Off Lithography. Bulletin of the Chemical Society of Japan, 2019, 92, 600-607.	3.2	30
5	Enclosed paper-based analytical devices: Concept, variety, and outlook. Analytica Chimica Acta, 2021, 1144, 158-174.	5.4	24
6	Paper-polymer composite devices with minimal fluorescence background. Analytica Chimica Acta, 2017, 963, 93-98.	5.4	22
7	Self-standing aptamers by an artificial defect-rich matrix. Nanoscale, 2018, 10, 3191-3197.	5.6	15
8	Low-voltage driven portable paper bipolar electrode-supported electrochemical sensing device. Analytica Chimica Acta, 2018, 1015, 1-7.	5.4	11
9	Wafer-scale bioactive substrate patterning by chemical lift-off lithography. Beilstein Journal of Nanotechnology, 2018, 9, 311-320.	2.8	11
10	Large Area Nanoparticle Alignment by Chemical Lift-Off Lithography. Nanomaterials, 2018, 8, 71.	4.1	11
11	Metal-Free Transparent Three-Dimensional Flexible Electronics by Selective Molecular Bridges. ACS Applied Materials & Interfaces, 2022, 14, 22826-22837.	8.0	11
12	Surface functional DNA density control by programmable molecular defects. Chemical Communications, 2018, 54, 4100-4103.	4.1	10
13	Laminated Copper Nanocluster Incorporated Antioxidative Paper Device with RGB System-Assisted Signal Improvement. Nanomaterials, 2018, 8, 97.	4.1	10
14	Finely Tunable Surface Wettability by Two-Dimensional Molecular Manipulation. ACS Applied Materials & Interfaces, 2018, 10, 41814-41823.	8.0	7
15	Enhancing Piezoresistive Pressure Response Device Sensitivity by Orders of Magnitude. Advanced Materials Interfaces, 2020, 7, 1902202.	3.7	7
16	Designing Sensing Devices Using Porous Composite Materials. Journal of Composites Science, 2021, 5, 35.	3.0	3
17	Piezoresistive Sensors: Enhancing Piezoresistive Pressure Response Device Sensitivity by Orders of Magnitude (Adv. Mater. Interfaces 8/2020). Advanced Materials Interfaces, 2020, 7, 2070045.	3.7	1
18	Manipulating Chemical Processes by Pseudosolid Spatial Limitation. Jacs Au, 2021, 1, 1435-1444.	7.9	0

#	Article	IF	Citations
19	Delicate Junction Meniscus Manipulation for Three-Dimensional Nanostructures Using Partially Molten Interfaces: Implications for Plasmonic Sensing. ACS Applied Nano Materials, 2021, 4, 10545-10555.	5.0	0