

Wanbo Li

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

759
citations

623188

14
h-index

794141

19
g-index

19
all docs

19
docs citations

19
times ranked

1073
citing authors

#	ARTICLE	IF	CITATIONS
1	Defect-induced activity enhancement of enzyme-encapsulated metal-organic frameworks revealed in microfluidic gradient mixing synthesis. <i>Science Advances</i> , 2020, 6, eaax5785.	4.7	185
2	Antibody modified gold nano-mushroom arrays for rapid detection of alpha-fetoprotein. <i>Biosensors and Bioelectronics</i> , 2015, 68, 468-474.	5.3	77
3	Design of ultra-stretchable, highly adhesive and self-healable hydrogels <i>via</i> tannic acid-enabled dynamic interactions. <i>Materials Horizons</i> , 2021, 8, 3409-3416.	6.4	76
4	Harvesting energy from high-frequency impinging water droplets by a droplet-based electricity generator. <i>EcoMat</i> , 2021, 3, e12116.	6.8	57
5	A suspending-droplet mode paper-based microfluidic platform for low-cost, rapid, and convenient detection of lead(II) ions in liquid solution. <i>Biosensors and Bioelectronics</i> , 2018, 99, 361-367.	5.3	49
6	Aluminum-based localized surface plasmon resonance for biosensing. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 80, 486-494.	5.8	45
7	Well-designed metal nanostructured arrays for label-free plasmonic biosensing. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6479-6492.	2.7	42
8	Aluminum nanopyramid array with tunable ultraviolet-“visible”-infrared wavelength plasmon resonances for rapid detection of carbohydrate antigen 199. <i>Biosensors and Bioelectronics</i> , 2016, 79, 500-507.	5.3	42
9	Crack engineering for the construction of arbitrary hierarchical architectures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23909-23914.	3.3	34
10	Eccentric magnetic microcapsules for orientation-specific and dual stimuli-responsive drug release. <i>Journal of Materials Chemistry B</i> , 2015, 3, 4530-4538.	2.9	31
11	Controllably tuning the near-infrared plasmonic modes of gold nanoplates for enhanced optical coherence imaging and photothermal therapy. <i>RSC Advances</i> , 2015, 5, 80709-80718.	1.7	28
12	A one-step strategy for ultra-fast and low-cost mass production of plastic membrane microfluidic chips. <i>Lab on A Chip</i> , 2016, 16, 3909-3918.	3.1	25
13	Generation of uniform polymer eccentric and core-centered hollow microcapsules for ultrasound-regulated drug release. <i>Journal of Materials Chemistry B</i> , 2014, 2, 6848-6854.	2.9	19
14	Pressure-Sensitive Adhesive with Enhanced and Phototunable Underwater Adhesion. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 50451-50460.	4.0	16
15	Recent Progress on Bioinspired Antibacterial Surfaces for Biomedical Application. <i>Biomimetics</i> , 2022, 7, 88.	1.5	12
16	Low-cost replication of plasmonic gold nanomushroom arrays for transmission-mode and multichannel biosensing. <i>RSC Advances</i> , 2015, 5, 61270-61276.	1.7	11
17	Development of new thiocyanate-free Ruthenium(II) dyes bearing isoquinoline chromophores for hydrogen production via water splitting. <i>Dyes and Pigments</i> , 2022, 205, 110508.	2.0	5
18	Hydrophilic Slippery Surface Promotes Efficient Defrosting. <i>Langmuir</i> , 2021, 37, 11931-11938.	1.6	3

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19	Convenient, Reliable, Bias-Free Dynamic Patterning of Multiple Types of Cells into Precisely Defined Micropatterns for Co-Culture Study. ChemNanoMat, 2016, 2, 447-453.	1.5	2