

Lingyuan Meng

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

246
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

419
citing authors

#	ARTICLE	IF	CITATIONS
1	Biology-guided engineering of bioelectrical interfaces. <i>Nanoscale Horizons</i> , 2022, 7, 94-111.	8.0	5
2	Micelle-enabled self-assembly of porous and monolithic carbon membranes for bioelectronic interfaces. <i>Nature Nanotechnology</i> , 2021, 16, 206-213.	31.5	30
3	Gold-Decorated Silicon Nanowire Photocatalysts for Intracellular Production of Hydrogen Peroxide. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 15490-15500.	8.0	4
4	Synthesis of Metal-Capped Semiconductor Nanowires from Heterodimer Nanoparticle Catalysts. <i>Journal of the American Chemical Society</i> , 2020, 142, 18324-18329.	13.7	13
5	Recent advances in bioelectronics chemistry. <i>Chemical Society Reviews</i> , 2020, 49, 7978-8035.	38.1	54
6	Laser writing of nitrogen-doped silicon carbide for biological modulation. <i>Science Advances</i> , 2020, 6, .	10.3	33
7	Structured silicon for revealing transient and integrated signal transductions in microbial systems. <i>Science Advances</i> , 2020, 6, eaay2760.	10.3	14
8	Dynamic and Programmable Cellular-Scale Granules Enable Tissue-like Materials. <i>Matter</i> , 2020, 2, 948-964.	10.0	30
9	Restructuring of ultra-thin branches in multi-nucleated silicon nanowires. <i>Pure and Applied Chemistry</i> , 2020, 92, 1921-1928.	1.9	1
10	Nongenetic optical neuromodulation with silicon-based materials. <i>Nature Protocols</i> , 2019, 14, 1339-1376.	12.0	62