

# Lingyuan Meng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7990214/publications.pdf>

Version: 2024-02-01

10  
papers

246  
citations

1306789

7  
h-index

1372195

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

419  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nongenetic optical neuromodulation with silicon-based materials. <i>Nature Protocols</i> , 2019, 14, 1339-1376.	5.5	62
2	Recent advances in bioelectronics chemistry. <i>Chemical Society Reviews</i> , 2020, 49, 7978-8035.	18.7	54
3	Laser writing of nitrogen-doped silicon carbide for biological modulation. <i>Science Advances</i> , 2020, 6, .	4.7	33
4	Dynamic and Programmable Cellular-Scale Granules Enable Tissue-like Materials. <i>Matter</i> , 2020, 2, 948-964.	5.0	30
5	Micelle-enabled self-assembly of porous and monolithic carbon membranes for bioelectronic interfaces. <i>Nature Nanotechnology</i> , 2021, 16, 206-213.	15.6	30
6	Structured silicon for revealing transient and integrated signal transductions in microbial systems. <i>Science Advances</i> , 2020, 6, eaay2760.	4.7	14
7	Synthesis of Metal-Capped Semiconductor Nanowires from Heterodimer Nanoparticle Catalysts. <i>Journal of the American Chemical Society</i> , 2020, 142, 18324-18329.	6.6	13
8	Biology-guided engineering of bioelectrical interfaces. <i>Nanoscale Horizons</i> , 2022, 7, 94-111.	4.1	5
9	Gold-Decorated Silicon Nanowire Photocatalysts for Intracellular Production of Hydrogen Peroxide. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 15490-15500.	4.0	4
10	Restructuring of ultra-thin branches in multi-nucleated silicon nanowires. <i>Pure and Applied Chemistry</i> , 2020, 92, 1921-1928.	0.9	1