

# Ming Luo

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7220342/ming-luo-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18  
papers

1,152  
citations

14  
h-index

18  
g-index

18  
ext. papers

1,375  
ext. citations

12.3  
avg, IF

4.67  
L-index

#	Paper	IF	Citations
18	Light-driven micro/nanomotors: from fundamentals to applications. <i>Chemical Society Reviews</i> , <b>2017</b> , 46, 6905-6926	58.5	322
17	Micro-/Nanorobots at Work in Active Drug Delivery. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1706100	15.6	182
16	Determination of glucose and uric acid with bienzyme colorimetry on microfluidic paper-based analysis devices. <i>Biosensors and Bioelectronics</i> , <b>2012</b> , 35, 363-368	11.8	171
15	Chemiluminescence biosensors for DNA detection using graphene oxide and a horseradish peroxidase-mimicking DNAzyme. <i>Chemical Communications</i> , <b>2012</b> , 48, 1126-8	5.8	137
14	Penta-Twinned Copper Nanorods: Facile Synthesis via Seed-Mediated Growth and Their Tunable Plasmonic Properties. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 1209-1216	15.6	88
13	Hierarchical Microswarms with Leader-Follower-Like Structures: Electrohydrodynamic Self-Organization and Multimode Collective Photoresponses. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1908602	15.6	36
12	Highly sensitive chemiluminescence biosensor for protein detection based on the functionalized magnetic microparticles and the hybridization chain reaction. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 87, 325-331	11.8	31
11	Tubular Micro/Nanomotors: Propulsion Mechanisms, Fabrication Techniques and Applications. <i>Micromachines</i> , <b>2018</b> , 9,	3.3	30
10	Highly sensitive and multiple DNA biosensor based on isothermal strand-displacement polymerase reaction and functionalized magnetic microparticles. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 55, 318-23	11.8	23
9	Enhanced Propulsion of Urease-Powered Micromotors by Multilayered Assembly of Ureasases on Janus Magnetic Microparticles. <i>Langmuir</i> , <b>2020</b> ,	4	22
8	A universal platform for amplified multiplexed DNA detection based on exonuclease III-coded magnetic microparticle probes. <i>Chemical Communications</i> , <b>2012</b> , 48, 7416-8	5.8	21
7	Pentatwinned Cu Nanowires with Ultrathin Diameters below 20 nm and Their Use as Templates for the Synthesis of Au-Based Nanotubes. <i>ChemNanoMat</i> , <b>2017</b> , 3, 190-195	3.5	19
6	Flexible Guidance of Microengines by Dynamic Topographical Pathways in Ferrofluids. <i>ACS Nano</i> , <b>2018</b> , 12, 6668-6676	16.7	17
5	Self-adaptive enzyme-powered micromotors with switchable propulsion mechanism and motion directionality. <i>Applied Physics Reviews</i> , <b>2021</b> , 8, 011406	17.3	17
4	Hydrophobic Janus Foam Motors: Self-Propulsion and On-The-Fly Oil Absorption. <i>Micromachines</i> , <b>2018</b> , 9,	3.3	13
3	Surface Charge-Reversible Tubular Micromotors for Extraction of Nucleic Acids in Microsystems. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 2503-2511	4.5	10
2	Graphene oxide and molecular beacons-based multiplexed DNA detection by synchronous fluorescence analysis. <i>Science China Chemistry</i> , <b>2013</b> , 56, 380-386	7.9	9

1	Artificial nanomotors: Fabrication, locomotion characterization, motion manipulation, and biomedical applications	4
---	---	---