

# Ming Li

## List of Publications by Citations

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

67

papers

8,444

citations

35

h-index

77

g-index

77

ext. papers

9,376

ext. citations

9.8

avg, IF

6.31

L-index

#	Paper	IF	Citations
67	Nanostructured carbon-metal oxide composite electrodes for supercapacitors: a review. <i>Nanoscale</i> , <b>2013</b> , 5, 72-88	7.7	1608
66	Origin of photocatalytic activity of nitrogen-doped TiO <sub>2</sub> nanobelts. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 12290-7	16.4	979
65	Photocatalytic activity enhanced by plasmonic resonant energy transfer from metal to semiconductor. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 15033-41	16.4	897
64	Plasmon-enhanced optical sensors: a review. <i>Analyst, The</i> , <b>2015</b> , 140, 386-406	5	584
63	A reduced graphene oxide/Co <sub>3</sub> O <sub>4</sub> composite for supercapacitor electrode. <i>Journal of Power Sources</i> , <b>2013</b> , 226, 65-70	8.9	397
62	Nanostructured Sensors for Detection of Heavy Metals: A Review. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2013</b> , 1, 713-723	8.3	372
61	Origin of strong excitation wavelength dependent fluorescence of graphene oxide. <i>ACS Nano</i> , <b>2014</b> , 8, 1002-13	16.7	280
60	Detection of mercury(II) by quantum dot/DNA/gold nanoparticle ensemble based nanosensor via nanometal surface energy transfer. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 7061-5	7.8	219
59	Three-dimensional hierarchical plasmonic nano-architecture enhanced surface-enhanced Raman scattering immunosensor for cancer biomarker detection in blood plasma. <i>ACS Nano</i> , <b>2013</b> , 7, 4967-76	16.7	205
58	Detection of lead (II) with a "turn-on" fluorescent biosensor based on energy transfer from CdSe/ZnS quantum dots to graphene oxide. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 43, 69-74	11.8	192
57	Fluorescent aptamer-functionalized graphene oxide biosensor for label-free detection of mercury(II). <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 41, 889-93	11.8	189
56	Size-Dependent Energy Transfer between CdSe/ZnS Quantum Dots and Gold Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , <b>2011</b> , 2, 2125-2129	6.4	185
55	Visible light photocatalytic activity of nitrogen-doped La <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> nanosheets originating from band gap narrowing. <i>Nano Research</i> , <b>2012</b> , 5, 213-221	10	173
54	Detection of adenosine triphosphate with an aptamer biosensor based on surface-enhanced Raman scattering. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 2837-42	7.8	166
53	Fingerprinting photoluminescence of functional groups in graphene oxide. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 23374		165
52	Reduced graphene oxide/titanium dioxide composites for supercapacitor electrodes: shape and coupling effects. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 19161		160
51	Shape-dependent surface-enhanced Raman scattering in gold-Raman probe-silica sandwiched nanoparticles for biocompatible applications. <i>Nanotechnology</i> , <b>2012</b> , 23, 115501	3.4	142

50	Plasmonic nanorice antenna on triangle nanoarray for surface-enhanced Raman scattering detection of hepatitis B virus DNA. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 2072-8	7.8	128
49	Synthesis and Characterization of Crystalline Silicon Carbide Nanoribbons. <i>Nanoscale Research Letters</i> , <b>2010</b> , 5, 1264-1271	5	85
48	Multiplexed detection of serological cancer markers with plasmon-enhanced Raman spectro-immunoassay. <i>Chemical Science</i> , <b>2015</b> , 6, 3906-3914	9.4	81
47	Novel SERS labels: Rational design, functional integration and biomedical applications. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 371, 11-37	23.2	79
46	A gold nanohole array based surface-enhanced Raman scattering biosensor for detection of silver(I) and mercury(II) in human saliva. <i>Nanoscale</i> , <b>2015</b> , 7, 11005-12	7.7	74
45	Shedding light on the extinction-enhancement duality in gold nanostar-enhanced Raman spectroscopy. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 14115-9	16.4	64
44	Mechanical Trap Surface-Enhanced Raman Spectroscopy for Three-Dimensional Surface Molecular Imaging of Single Live Cells. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 3822-3826	16.4	59
43	In Situ Raman Spectroscopic Studies of Thermal Stability of All-Inorganic Cesium Lead Halide (CsPbX, X = Cl, Br, I) Perovskite Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 1217-1225	6.4	58
42	Purification and sidewall functionalization of multiwalled carbon nanotubes and resulting bioactivity in two macrophage models. <i>Inhalation Toxicology</i> , <b>2013</b> , 25, 199-210	2.7	56
41	A graphene oxide-gold nanostar hybrid based-paper biosensor for label-free SERS detection of serum bilirubin for diagnosis of jaundice. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 145, 111713	11.8	54
40	One-step solvothermal preparation of TiO <sub>2</sub> /C composites and their visible-light photocatalytic activities. <i>Applied Surface Science</i> , <b>2008</b> , 254, 3762-3766	6.7	54
39	Elucidating the Growth Mechanism of Plasmonic Gold Nanostars with Tunable Optical and Photothermal Properties. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 8599-8607	5.1	48
38	Synergistic effect of two surface complexes in enhancing visible-light photocatalytic activity of titanium dioxide. <i>Materials Research Bulletin</i> , <b>2008</b> , 43, 2179-2186	5.1	47
37	High efficient surface-complex-assisted photodegradation of phenolic compounds in single anatase titania under visible-light. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 318, 285-290	5.1	45
36	Tuning the shape and thermoelectric property of PbTe nanocrystals by bismuth doping. <i>Nanoscale</i> , <b>2010</b> , 2, 1256-9	7.7	40
35	A Fluorescence and Surface-Enhanced Raman Spectroscopic Dual-Modal Aptasensor for Sensitive Detection of Cyanotoxins. <i>ACS Sensors</i> , <b>2020</b> , 5, 1419-1426	9.2	39
34	Electrochemical and optical biosensors based on nanomaterials and nanostructures: a review. <i>Frontiers in Bioscience - Scholar</i> , <b>2011</b> , 3, 1308-31	2.4	37
33	Ultrahigh affinity Raman probe for targeted live cell imaging of prostate cancer. <i>Chemical Science</i> , <b>2016</b> , 7, 6779-6785	9.4	35

32	Synthesis, characterization, and bioactivity of carboxylic acid-functionalized titanium dioxide nanobelts. <i>Particle and Fibre Toxicology</i> , <b>2014</b> , 11, 43	8.4	34
31	Stamping surface-enhanced Raman spectroscopy for label-free, multiplexed, molecular sensing and imaging. <i>Journal of Biomedical Optics</i> , <b>2014</b> , 19, 050501	3.5	34
30	Surface-enhanced Raman spectroscopy (SERS) nanoprobe for ratiometric detection of cancer cells. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 815-822	7.3	31
29	Tuning the Photoluminescence of Graphene Quantum Dots by Photochemical Doping with Nitrogen. <i>Materials</i> , <b>2017</b> , 10,	3.5	29
28	Detection of nitrite with a surface-enhanced Raman scattering sensor based on silver nanopyramid array. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1040, 158-165	6.6	28
27	Fabrication of TiO <sub>2</sub> embedded ZnIn <sub>2</sub> S <sub>4</sub> nanosheets for efficient Cr(VI) reduction. <i>Materials Research Bulletin</i> , <b>2020</b> , 122, 110671	5.1	27
26	High-Quality Dual-Plasmonic Au@Cu <sub>2</sub> Se Nanocrescents with Precise Cu <sub>2</sub> Se Domain Size Control and Tunable Optical Properties in the Second Near-Infrared Biowindow. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 9875-9886	9.6	26
25	Ultrasensitive Detection of Hepatotoxic Microcystin Production from Cyanobacteria Using Surface-Enhanced Raman Scattering Immunosensor. <i>ACS Sensors</i> , <b>2019</b> , 4, 1203-1210	9.2	24
24	Bioinspired Brochosomes as Broadband and Omnidirectional Surface-Enhanced Raman Scattering Substrates. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 6484-6491	6.4	22
23	Additive-Free Green Light-Induced Ligation Using BODIPY Triggers. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 2284-2288	16.4	22
22	Real-Time Intraoperative Surface-Enhanced Raman Spectroscopy-Guided Thermosurgical Eradication of Residual Microtumors in Orthotopic Breast Cancer. <i>Nano Letters</i> , <b>2021</b> , 21, 3066-3074	11.5	18
21	Mechanical Trap Surface-Enhanced Raman Spectroscopy for Three-Dimensional Surface Molecular Imaging of Single Live Cells. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 3880-3884	3.6	17
20	Experimental and statistical analysis of surface charge, aggregation and adsorption behaviors of surface-functionalized titanium dioxide nanoparticles in aquatic system. <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1	2.3	17
19	Combining Experiments and Theoretical Modeling To Interrogate the Anisotropic Growth and Structure-Plasmonic Property Relationships of Gold Nanostars. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 12457-12466	5.1	13
18	Shedding Light on the Extinction-Enhancement Duality in Gold Nanostar-Enhanced Raman Spectroscopy. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 14339-14343	3.6	13
17	Rationally designed dual-plasmonic gold nanorod@cuprous selenide hybrid heterostructures by regioselective overgrowth for photothermal tumor ablation in the second near-infrared biowindow. <i>Theranostics</i> , <b>2020</b> , 10, 11656-11672	12.1	13
16	A scalable broadband plasmonic cuprous telluride nanowire-based hybrid photothermal membrane for efficient solar vapor generation. <i>Nano Energy</i> , <b>2021</b> , 84, 105868	17.1	13
15	Near-Infrared II Plasmonic Au@AuAg Dot-in-Cubic Nanoframes for In Vivo Surface-Enhanced Raman Spectroscopic Detection and Photoacoustic Imaging. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2103186	15.6	12

14	Molecular hot spots in surface-enhanced Raman scattering. <i>Nanoscale</i> , <b>2020</b> , 12, 22036-22041	7.7	10
13	Degradable Carrier-Free Metal-Phenolic Network Theranostic Agent with Targeted Mitochondrial Damage for Efficient Cancer Theranostics. <i>Chemistry of Materials</i> , <b>2021</b> , 33, 7089-7099	9.6	6
12	Emerging biosensing platforms for quantitative detection of exosomes as diagnostic biomarkers. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 446, 214111	23.2	6
11	Optical properties of symmetry-breaking tetrahedral nanoparticles. <i>Nanoscale</i> , <b>2020</b> , 12, 832-842	7.7	5
10	Near-infrared II plasmonic tri-enzyme integrated metal-organic frameworks with high-efficiency enzyme cascades for synergistic tri-modal oncotherapy.. <i>Advanced Materials</i> , <b>2022</b> , e2200871	24	4
9	In Situ Observation of Thermally Induced Structural Transitions in Vacancy-Doped Cuprous Telluride (Cu <sub>2</sub> Te) Nanowires Using Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 24763-24771	3.8	3
8	Near-Infrared II Plasmonic Phototheranostics with Glutathione Depletion for Multimodal Imaging-Guided Hypoxia-Tolerant Chemodynamic-Photocatalytic-Photothermal Cancer Therapy Triggered by a Single Laser. <i>Small</i> , <b>2021</b> , e2105638	11	3
7	Optical Fiber Sensors for Metal Ions Detection Based on Novel Fluorescent Materials. <i>Frontiers in Physics</i> , <b>2020</b> , 8,	3.9	3
6	Near-Infrared II Thermoplasmonics of Cuprous Selenide Multilayer Nanoshells: The Role of the Plasmonic Core. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 4928-4935	6.4	3
5	Seed shape-controlled, facet-selective growth of superspiky gold nanocrystals for biosensing applications. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 8694-8704	7.1	3
4	Role of Trap States in Excitation Wavelength-Dependent Photoluminescence of Strongly Quantum-Confined All-Inorganic CsPbBr <sub>3</sub> Perovskites with Varying Dimensionalities. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 21062-21069	3.8	3
3	Frontispiece: Mechanical Trap Surface-Enhanced Raman Spectroscopy for Three-Dimensional Surface Molecular Imaging of Single Live Cells. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56,	16.4	1
2	Hydrothermal Synthesis and Photocatalytic Activity of Titanium Dioxide Nanotubes, Nanowires and Nanospheres. <i>Materials Research Society Symposia Proceedings</i> , <b>2008</b> , 1144, 1		1
1	Structural symmetry effects in plasmonic metal-semiconductor hybrid heterostructures for multimodal cancer phototheranostics. <i>Chemical Engineering Journal</i> , <b>2022</b> , 444, 136707	14.7	0