

# Yunqing Wang

## List of Publications by Year in descending order

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33  
papers

3,944  
citations

236925

25  
h-index

395702

33  
g-index

33  
all docs

33  
docs citations

33  
times ranked

6036  
citing authors

#	ARTICLE	IF	CITATIONS
1	SERS Tags: Novel Optical Nanoprobes for Bioanalysis. <i>Chemical Reviews</i> , 2013, 113, 1391-1428.	47.7	1,170
2	Quantum dots, lighting up the research and development of nanomedicine. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 385-402.	3.3	297
3	Blue-to-Red Colorimetric Sensing Strategy for Hg <sup>2+</sup> and Ag <sup>+</sup> via Redox-Regulated Surface Chemistry of Gold Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 1568-1573.	8.0	291
4	Nanomaterial-assisted aptamers for optical sensing. <i>Biosensors and Bioelectronics</i> , 2010, 25, 1859-1868.	10.1	229
5	Highly Sensitive SERS Detection of As <sup>3+</sup> Ions in Aqueous Media using Glutathione Functionalized Silver Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 3936-3941.	8.0	213
6	Graphene Oxide Wrapped SERS Tags: Multifunctional Platforms toward Optical Labeling, Photothermal Ablation of Bacteria, and the Monitoring of Killing Effect. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 1320-1329.	8.0	172
7	Molecular Imprinting Based Hybrid Ratiometric Fluorescence Sensor for the Visual Determination of Bovine Hemoglobin. <i>ACS Sensors</i> , 2018, 3, 378-385.	7.8	157
8	Colorimetric Detection of Trace Copper Ions Based on Catalytic Leaching of Silver-Coated Gold Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 4215-4220.	8.0	152
9	Upconversion Fluorescence-SERS Dual-Mode Tags for Cellular and in Vivo Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 5152-5160.	8.0	109
10	Ratiometric fluorescence sensor based on dithiothreitol modified carbon dots-gold nanoclusters for the sensitive detection of mercury ions in water samples. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 810-817.	7.8	109
11	Biocompatible Triplex Ag@SiO <sub>2</sub> @mTiO <sub>2</sub> Core-Shell Nanoparticles for Simultaneous Fluorescence-SERS Bimodal Imaging and Drug Delivery. <i>Chemistry - A European Journal</i> , 2012, 18, 5935-5943.	3.3	104
12	Rapid detection of melamine with 4-mercaptopyridine-modified gold nanoparticles by surface-enhanced Raman scattering. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 333-338.	3.7	100
13	Mesoporous titania based yolk-shell nanoparticles as multifunctional theranostic platforms for SERS imaging and chemo-photothermal treatment. <i>Nanoscale</i> , 2014, 6, 14514-14522.	5.6	99
14	Sensitive Near-Infrared Fluorescent Probes for Thiols Based on S-N Bond Cleavage: Imaging in Living Cells and Tissues. <i>Chemistry - A European Journal</i> , 2012, 18, 11343-11349.	3.3	91
15	Brushing, a simple way to fabricate SERS active paper substrates. <i>Analytical Methods</i> , 2014, 6, 2066-2071.	2.7	80
16	Highly Sensitive and Reproducible SERS Sensor for Biological pH Detection Based on a Uniform Gold Nanorod Array Platform. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 15381-15387.	8.0	75
17	Non-invasive Near Infrared Fluorescence Imaging of CdHgTe Quantum Dots in Mouse Model. <i>Journal of Fluorescence</i> , 2008, 18, 801-811.	2.5	58
18	Reporter-Embedded SERS Tags from Gold Nanorod Seeds: Selective Immobilization of Reporter Molecules at the Tip of Nanorods. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 28105-28115.	8.0	50

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19	â€œElasticâ€•Property of Mesoporous Silica Shell: For Dynamic Surface Enhanced Raman Scattering Ability Monitoring of Growing Noble Metal Nanostructures via a Simplified Spatially Confined Growth Method. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 7516-7525.	8.0	46
20	Mucin corona delays intracellular trafficking and alleviates cytotoxicity of nanoplastic-benzopyrene combined contaminant. <i>Journal of Hazardous Materials</i> , 2021, 406, 124306.	12.4	41
21	Self-assembly of nanoparticles by human serum albumin and photosensitizer for targeted near-infrared emission fluorescence imaging and effective phototherapy of cancer. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1149-1159.	5.8	40
22	Study on fluorescence properties of carbogenic nanoparticles and their application for the determination of ferrous succinate. <i>Journal of Luminescence</i> , 2010, 130, 1463-1469.	3.1	39
23	Lipid Bilayer-Enabled Synthesis of Waxberry-like Coreâ€•Fluidic Satellite Nanoparticles: Toward Ultrasensitive Surface-Enhanced Raman Scattering Tags for Bioimaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 23605-23616.	8.0	37
24	Phospholipid Encapsulated AuNR@Ag/Au Nanosphere SERS Tags with Environmental Stimulus Responsive Signal Property. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 10201-10211.	8.0	36
25	Surface-enhanced Raman scattering on a zigzag microfluidic chip: towards high-sensitivity detection of As( <sup>3+</sup> ) ions. <i>Analytical Methods</i> , 2014, 6, 4077-4082.	2.7	35
26	Synthesis and characterization of CdTe quantum dots embedded gelatin nanoparticles via a two-step desolvation method. <i>Materials Letters</i> , 2008, 62, 3382-3384.	2.6	23
27	Synthesis and characterization of self-assembled CdHgTe/gelatin nanospheres as stable near infrared fluorescent probes in vivo. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 235-242.	2.8	23
28	Preparation of liposomes loaded with quantum dots, fluorescence resonance energy transfer studies, and near-infrared in-vivo imaging of mouse tissue. <i>Mikrochimica Acta</i> , 2013, 180, 117-125.	5.0	22
29	High photoluminescence quantum yield of TiO <sub>2</sub> nanocrystals prepared using an alcoholothermal method. <i>Luminescence</i> , 2007, 22, 540-545.	2.9	16
30	m-Cresol purple functionalized surface enhanced Raman scattering paper chips for highly sensitive detection of pH in the neutral pH range. <i>Analyst</i> , 2017, 142, 2333-2337.	3.5	13
31	Tracking of realistic nanoplastics in complicated matrices by iridium element labeling and inductively coupled plasma mass spectroscopy. <i>Journal of Hazardous Materials</i> , 2022, 424, 127628.	12.4	10
32	Proton transfer of magnolol in ground and excited states. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 186, 202-211.	3.9	6
33	Synthesis and Characterization of Fluorescence Resonance Energy Transfer-Based Nanoprobes by Coating CdTe QDs with Rhodamine B in Gelatin Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 4330-4333.	0.9	1