

# Yinghui Wang

## List of Publications by Year in descending order

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47  
papers

4,587  
citations

147566

31  
h-index

205818

48  
g-index

49  
all docs

49  
docs citations

49  
times ranked

5772  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Dye-Sensitized Solar Cells with an Organic Photosensitizer Featuring Orderly Conjugated Ethylenedioxythiophene and Dithienosilole Blocks. <i>Chemistry of Materials</i> , 2010, 22, 1915-1925.	3.2	933
2	All-in-One Theranostic Nanoagent with Enhanced Reactive Oxygen Species Generation and Modulating Tumor Microenvironment Ability for Effective Tumor Eradication. <i>ACS Nano</i> , 2018, 12, 4886-4893.	7.3	510
3	Graphene oxide covalently grafted upconversion nanoparticles for combined NIR mediated imaging and photothermal/photodynamic cancer therapy. <i>Biomaterials</i> , 2013, 34, 7715-7724.	5.7	344
4	Oneâ€Dimensional Fe<sub>2</sub>P Acts as a Fenton Agent in Response to NIRâ€Light and Ultrasound for Deep Tumor Synergetic Theranostics. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2407-2412.	7.2	315
5	Copper(I) Phosphide Nanocrystals for In Situ Selfâ€Generation Magnetic Resonance Imagingâ€Guided Photothermalâ€Enhanced Chemodynamic Synergetic Therapy Resisting Deepâ€Seated Tumor. <i>Advanced Functional Materials</i> , 2019, 29, 1904678.	7.8	185
6	Efficient organic dye-sensitized thin-film solar cells based on the tris(1,10-phenanthroline)cobalt(II/III) redox shuttle. <i>Energy and Environmental Science</i> , 2011, 4, 2030.	15.6	135
7	Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub> Nanoparticles Trigger Antitumor Immunotherapy through Reactive Oxygen Species Storm and Surge of Tumor Osmolarity. <i>Journal of the American Chemical Society</i> , 2020, 142, 21751-21757.	6.6	133
8	ZnOâ€Functionalized Upconverting Nanotheranostic Agent: Multiâ€Modality Imagingâ€Guided Chemotherapy with Onâ€Demand Drug Release Triggered by pH. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 536-540.	7.2	131
9	Molecular Engineering of Monodisperse SnO<sub>2</sub> Nanocrystals Anchored on Doped Graphene with Highâ€Performance Lithium/Sodiumâ€Storage Properties in Half/Full Cells. <i>Advanced Energy Materials</i> , 2019, 9, 1802993.	10.2	129
10	Defect modified zinc oxide with augmenting sonodynamic reactive oxygen species generation. <i>Biomaterials</i> , 2020, 251, 120075.	5.7	125
11	Nanoconfined nitrogen-doped carbon-coated MnO nanoparticles in graphene enabling high performance for lithium-ion batteries and oxygen reduction reaction. <i>Chemical Science</i> , 2016, 7, 4284-4290.	3.7	121
12	Polydopamine coated manganese oxide nanoparticles with ultrahigh relaxivity as nanotheranostic agents for magnetic resonance imaging guided synergetic chemo-/photothermal therapy. <i>Chemical Science</i> , 2016, 7, 6695-6700.	3.7	116
13	Plasmonic Pt Superstructures with Boosted Nearâ€Infrared Absorption and Photothermal Conversion Efficiency in the Second Biowindow for Cancer Therapy. <i>Advanced Materials</i> , 2019, 31, e1904836.	11.1	105
14	Organoboron molecules and polymers for organic solar cell applications. <i>Chemical Society Reviews</i> , 2022, 51, 153-187.	18.7	92
15	Oligothiophene dye-sensitized solar cells. <i>Energy and Environmental Science</i> , 2010, 3, 1924.	15.6	86
16	A Bipolar and Selfâ€Polymerized Phthalocyanine Complex for Fast and Tunable Energy Storage in Dualâ€Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10204-10208.	7.2	78
17	Redox couple related influences of Î€-conjugation extension in organic dye-sensitized mesoscopic solar cells. <i>Chemical Science</i> , 2011, 2, 1401.	3.7	70
18	Multifunctional core/satellite polydopamine@Nd<sup>3+</sup>-sensitized upconversion nanocomposite: A single 808 nm near-infrared light-triggered theranostic platform for in vivo imaging-guided photothermal therapy. <i>Nano Research</i> , 2017, 10, 3434-3446.	5.8	69

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19	Double Switch Biodegradable Porous Hollow Trinickel Monophosphide Nanospheres for Multimodal Imaging Guided Photothermal Therapy. <i>Nano Letters</i> , 2019, 19, 5093-5101.	4.5	64
20	A nanotheranostic agent based on Nd <sup>3+</sup> -doped YVO <sub>4</sub> with blood-brain-barrier permeability for NIR-II fluorescence imaging/magnetic resonance imaging and boosted sonodynamic therapy of orthotopic glioma. <i>Light: Science and Applications</i> , 2022, 11, 116.	7.7	56
21	Targeting the Microenvironment of Vulnerable Atherosclerotic Plaques: An Emerging Diagnosis and Therapy Strategy for Atherosclerosis. <i>Advanced Materials</i> , 2022, 34, e2110660.	11.1	51
22	Influence of the electrolyte cation in organic dye-sensitized solar cells: lithium versus dimethylimidazolium. <i>Energy and Environmental Science</i> , 2010, 3, 1765.	15.6	49
23	Boosting Chemodynamic Therapy by the Synergistic Effect of Co-Catalyze and Photothermal Effect Triggered by the Second Near-Infrared Light. <i>Nano-Micro Letters</i> , 2020, 12, 180.	14.4	49
24	MnO <sub>2</sub> -Functionalized Co <sup>II</sup> /P Nanocomposite: A New Theranostic Agent for pH-Triggered T <sub>1</sub> /T <sub>2</sub> Dual-Modality Magnetic Resonance Imaging-Guided Chemo-photothermal Synergistic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 41648-41658.	4.0	47
25	Mass production of Co <sub>3</sub> O <sub>4</sub> @CeO <sub>2</sub> core@shell nanowires for catalytic CO oxidation. <i>Nano Research</i> , 2015, 8, 1944-1955.	5.8	46
26	Two metal-organic zeolites for highly sensitive and selective sensing of Tb <sup>3+</sup> . <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1129-1134.	3.0	46
27	One-Dimensional Fe <sub>2</sub> P Acts as a Fenton Agent in Response to NIR-II Light and Ultrasound for Deep Tumor Synergetic Theranostics. <i>Angewandte Chemie</i> , 2019, 131, 2429-2434.	1.6	44
28	Stable and efficient dye-sensitized solar cells: photophysical and electrical characterizations. <i>Energy and Environmental Science</i> , 2010, 3, 1722.	15.6	43
29	In Situ Ligand Formation-Driven Synthesis of a Uranyl Organic Framework as a Turn-on Fluorescent pH Sensor. <i>Inorganic Chemistry</i> , 2020, 59, 1778-1784.	1.9	36
30	A polymer acceptor containing the B <sup>+</sup> N unit for all-polymer solar cells with 14% efficiency. <i>Journal of Materials Chemistry A</i> , 2021, 9, 21071-21077.	5.2	36
31	Cancer therapeutic strategies based on metal ions. <i>Chemical Science</i> , 2021, 12, 12234-12247.	3.7	33
32	Tumor Diagnosis and Therapy Mediated by Metal Phosphorus-Based Nanomaterials. <i>Advanced Materials</i> , 2021, 33, e2103936.	11.1	31
33	A New Co <sup>II</sup> /P Nanocomposite with Ultrahigh Relaxivity for In Vivo Magnetic Resonance Imaging-Guided Tumor Eradication by Chemo/Photothermal Synergistic Therapy. <i>Small</i> , 2018, 14, 1702431.	5.2	29
34	Cascade-responsive nanobomb with domino effect for anti-tumor synergistic therapies. <i>National Science Review</i> , 2022, 9, nwab139.	4.6	29
35	A Bipolar and Self-Polymerized Phthalocyanine Complex for Fast and Tunable Energy Storage in Dual-Ion Batteries. <i>Angewandte Chemie</i> , 2019, 131, 10310-10314.	1.6	24
36	Two efficient pH sensors based on heteronuclear metal-organic frameworks. <i>Journal of Luminescence</i> , 2019, 205, 380-384.	1.5	23

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37	An Fe-based single-atom nanozyme with multi-enzyme activity for parallel catalytic therapy via a cascade reaction. <i>Chemical Communications</i> , 2022, 58, 7924-7927.	2.2	17
38	Novel FeF <sub>2</sub> /Fe <sub>1-x</sub> S Nanoreactor-Mediated Mitochondrial Dysfunction via Oxidative Stress and Fluoride Ions Overloaded for Synergistic Chemodynamic Therapy and Photothermal Therapy. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	16
39	Novel YOF-Based Theranostic Agents with a Cascade Effect for NIR-II Fluorescence Imaging and Synergistic Starvation/Photodynamic Therapy of Orthotopic Gliomas. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 30523-30532.	4.0	16
40	An antioxidant nanodrug protects against hepatic ischemia-reperfusion injury by attenuating oxidative stress and inflammation. <i>Journal of Materials Chemistry B</i> , 2022, 10, 7563-7569.	2.9	13
41	A Tumor Microenvironment-Responsive Theranostic Agent for Synergetic Therapy of Disulfiram-Based Chemotherapy and Chemodynamic Therapy. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 10880-10885.	2.1	12
42	Carambola-like Bi <sub>2</sub> Te <sub>3</sub> superstructures with enhanced photoabsorption for highly efficient photothermal therapy in the second near-infrared biowindow. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7271-7277.	2.9	11
43	Novel multifunctional theranostic nanoagents based on Ho <sup>3+</sup> for CT/MRI dual-modality imaging-guided photothermal therapy. <i>Science China Chemistry</i> , 2021, 64, 558-564.	4.2	11
44	All-polymer indoor photovoltaic modules. <i>IScience</i> , 2021, 24, 103104.	1.9	11
45	A Bimetallic Nanozyme with Cascade Effect for Synergistic Therapy of Cancer. <i>ChemMedChem</i> , 2022, 17, .	1.6	10
46	BODIPY bearing alkylthienyl side chains: a new building block to design conjugated polymers with near infrared absorption for organic photovoltaics. <i>Polymer Chemistry</i> , 2020, 11, 5750-5756.	1.9	9
47	Rapidly clearable MnCo <sub>2</sub> O <sub>4</sub> @PAA as novel nanotheranostic agents for T <sub>1</sub> /T <sub>2</sub> bimodal MRI imaging-guided photothermal therapy. <i>Nanoscale</i> , 2021, 13, 16251-16257.	2.8	8