

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
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49
all docs

49
docs citations

49
times ranked

5772
citing authors

#	ARTICLE	IF	CITATIONS
1	Cascade-responsive nanobomb with domino effect for anti-tumor synergistic therapies. National Science Review, 2022, 9, nwab139.	4.6	29
2	Organoboron molecules and polymers for organic solar cell applications. Chemical Society Reviews, 2022, 51, 153-187.	18.7	92
3	A Bimetallic Nanozyme with Cascade Effect for Synergistic Therapy of Cancer. ChemMedChem, 2022, 17, .	1.6	10
4	An antioxidant nanodrug protects against hepatic ischemiaâ€‘reperfusion injury by attenuating oxidative stress and inflammation. Journal of Materials Chemistry B, 2022, 10, 7563-7569.	2.9	13
5	Targeting the Microenvironment of Vulnerable Atherosclerotic Plaques: An Emerging Diagnosis and Therapy Strategy for Atherosclerosis. Advanced Materials, 2022, 34, e2110660.	11.1	51
6	Novel FeF ₂ /Fe ¹⁺ S Nanoreactorâ€‘Mediated Mitochondrial Dysfunction via Oxidative Stress and Fluoride Ions Overloaded for Synergistic Chemodynamic Therapy and Photothermal Therapy. Advanced Functional Materials, 2022, 32, .	7.8	16
7	A nanotheranostic agent based on Nd ³⁺ -doped YVO ₄ with blood-brain-barrier permeability for NIR-II fluorescence imaging/magnetic resonance imaging and boosted sonodynamic therapy of orthotopic glioma. Light: Science and Applications, 2022, 11, 116.	7.7	56
8	An Fe-based single-atom nanozyme with multi-enzyme activity for parallel catalytic therapy <i>via</i> a cascade reaction. Chemical Communications, 2022, 58, 7924-7927.	2.2	17
9	Novel YOF-Based Theranostic Agents with a Cascade Effect for NIR-II Fluorescence Imaging and Synergistic Starvation/Photodynamic Therapy of Orthotopic Gliomas. ACS Applied Materials & Interfaces, 2022, 14, 30523-30532.	4.0	16
10	Cancer therapeutic strategies based on metal ions. Chemical Science, 2021, 12, 12234-12247.	3.7	33
11	Carambola-like Bi ₂ Te ₃ superstructures with enhanced photoabsorption for highly efficient photothermal therapy in the second near-infrared biowindow. Journal of Materials Chemistry B, 2021, 9, 7271-7277.	2.9	11
12	Novel multifunctional theranostic nanoagents based on Ho ³⁺ for CT/MRI dual-modality imaging-guided photothermal therapy. Science China Chemistry, 2021, 64, 558-564.	4.2	11
13	All-polymer indoor photovoltaic modules. IScience, 2021, 24, 103104.	1.9	11
14	Rapidly clearable MnCo ₂ O ₄ @PAA as novel nanotheranostic agents for T ₁ /T ₂ bimodal MRI imaging-guided photothermal therapy. Nanoscale, 2021, 13, 16251-16257.	2.8	8
15	A polymer acceptor containing the Bâ†N unit for all-polymer solar cells with 14% efficiency. Journal of Materials Chemistry A, 2021, 9, 21071-21077.	5.2	36
16	Tumor Diagnosis and Therapy Mediated by Metal Phosphorusâ€‘Based Nanomaterials. Advanced Materials, 2021, 33, e2103936.	11.1	31
17	A Tumor Microenvironment-Responsive Theranostic Agent for Synergetic Therapy of Disulfiram-Based Chemotherapy and Chemodynamic Therapy. Journal of Physical Chemistry Letters, 2021, 12, 10880-10885.	2.1	12
18	BODIPY bearing alkylthienyl side chains: a new building block to design conjugated polymers with near infrared absorption for organic photovoltaics. Polymer Chemistry, 2020, 11, 5750-5756.	1.9	9

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19	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
20	Na ₂ S ₂ O ₈ 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
21	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
22	Defect modified zinc oxide with augmenting sonodynamic reactive oxygen species generation. <i>Biomaterials</i> , 2020, 251, 120075.	5.7	125
23	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
24	Copper(I) Phosphide Nanocrystals for In Situ Self-Generation Magnetic Resonance Imaging-Guided Photothermal-Enhanced Chemodynamic Synergetic Therapy Resisting Deep-Seated Tumor. <i>Advanced Functional Materials</i> , 2019, 29, 1904678.	7.8	185
25	Plasmonic Pt Superstructures with Boosted Near-Infrared Absorption and Photothermal Conversion Efficiency in the Second Biowindow for Cancer Therapy. <i>Advanced Materials</i> , 2019, 31, e1904836.	11.1	105
26	A Bipolar and Self-Polymerized Phthalocyanine Complex for Fast and Tunable Energy Storage in Dual-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10204-10208.	7.2	78
27	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
28	Two metal-organic zeolites for highly sensitive and selective sensing of Tb ³⁺ . <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1129-1134.	3.0	46
29	One-Dimensional Fe ₂ P Acts as a Fenton Agent in Response to NIR-III Light and Ultrasound for Deep Tumor Synergetic Theranostics. <i>Angewandte Chemie</i> , 2019, 131, 2429-2434.	1.6	44
30	One-Dimensional Fe ₂ P Acts as a Fenton Agent in Response to NIR-III Light and Ultrasound for Deep Tumor Synergetic Theranostics. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2407-2412.	7.2	315
31	Molecular Engineering of Monodisperse SnO ₂ Nanocrystals Anchored on Doped Graphene with High-Performance Lithium/Sodium-Storage Properties in Half/Full Cells. <i>Advanced Energy Materials</i> , 2019, 9, 1802993.	10.2	129
32	Two efficient pH sensors based on heteronuclear metal-organic frameworks. <i>Journal of Luminescence</i> , 2019, 205, 380-384.	1.5	23
33	A New Co-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	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
35	Multifunctional core/satellite polydopamine@Nd ³⁺ -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
36	MnO ₂ -Functionalized Co-P Nanocomposite: A New Theranostic Agent for pH-Triggered T ₁ /T ₂ Dual-Modality Magnetic Resonance Imaging-Guided Chemo-photothermal Synergistic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 41648-41658.	4.0	47

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37	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
38	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
39	ZnO-Functionalized Upconverting Nanotheranostic Agent: Multi-Modality Imaging-Guided Chemotherapy with On-Demand Drug Release Triggered by pH. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 536-540.	7.2	131
40	Mass production of Co ₃ O ₄ @CeO ₂ core@shell nanowires for catalytic CO oxidation. <i>Nano Research</i> , 2015, 8, 1944-1955.	5.8	46
41	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
42	Redox couple related influences of π -conjugation extension in organic dye-sensitized mesoscopic solar cells. <i>Chemical Science</i> , 2011, 2, 1401.	3.7	70
43	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
44	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
45	Stable and efficient dye-sensitized solar cells: photophysical and electrical characterizations. <i>Energy and Environmental Science</i> , 2010, 3, 1722.	15.6	43
46	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
47	Oligothiophene dye-sensitized solar cells. <i>Energy and Environmental Science</i> , 2010, 3, 1924.	15.6	86