

Yingpeng Wan

List of Publications by Year in Descending Order

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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.

30
papers

707
citations

13
h-index

26
g-index

32
ext. papers

1,125
ext. citations

12.1
avg, IF

4.17
L-index

#	Paper	IF	Citations
30	Near-Infrared Thermally Activated Delayed Fluorescence Nanoparticle: A Metal-Free Photosensitizer for Two-Photon-Activated Photodynamic Therapy at the Cell and Small Animal Levels.. <i>Small</i> , 2022 , e2106215	11	11
29	Amplifying Free Radical Generation of AIE Photosensitizer with Small Singlet-Triplet Splitting for Hypoxia-Overcoming Photodynamic Therapy.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	4
28	Near-Infrared Thermally Activated Delayed Fluorescence Nanoparticle: A Metal-Free Photosensitizer for Two-Photon-Activated Photodynamic Therapy at the Cell and Small Animal Levels (Small 6/2022). <i>Small</i> , 2022 , 18, 2270025	11	
27	Recent Advances in Hypoxia-Overcoming Strategy of Aggregation-Induced Emission Photosensitizers for Efficient Photodynamic Therapy. <i>Advanced Healthcare Materials</i> , 2021 , e2101607	10.1	2
26	Recent Progress of Alkyl Radicals Generation-Based Agents for Biomedical Applications. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2100055	10.1	5
25	A Diradicaloid Small Molecular Nanotheranostic with Strong Near-Infrared Absorbance for Effective Cancer Photoacoustic Imaging and Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 15983-15991	9.5	12
24	Marriage of 2D Covalent-Organic Framework and 3D Network as Stable Solar-Thermal Still for Efficient Solar Steam Generation.. <i>Small Methods</i> , 2021 , 5, e2100036	12.8	9
23	Iron Self-Boosting Polymer Nanoenzyme for Low-Temperature Photothermal-Enhanced Ferrotherapy. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 30274-30283	9.5	10
22	Aligned Millineedle Arrays for Solar Power Seawater Desalination with Site-Specific Salt Formation. <i>Small</i> , 2021 , 17, e2101487	11	7
21	A Ca-Ion Electrochromic Battery via a Water-in-Salt Electrolyte. <i>Advanced Functional Materials</i> , 2021 , 31, 2104639	15.6	8
20	Multifunctional oligomer sponge for efficient solar water purification and oil cleanup. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 2104-2110	13	5
19	DTX@VTX NPs synergy PD-L1 immune checkpoint nanoinhibitor to reshape immunosuppressive tumor microenvironment for enhancing chemo-immunotherapy. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 7544-7556	7.3	0
18	Single molecular nanomedicine with NIR light-initiated superoxide radical, singlet oxygen and thermal generation for hypoxia-overcoming cancer therapy. <i>Nanoscale</i> , 2021 , 13, 8012-8016	7.7	2
17	Photochemical Synthesis of Nonplanar Small Molecules with Ultrafast Nonradiative Decay for Highly Efficient Phototheranostics. <i>Advanced Materials</i> , 2021 , 33, e2102799	24	2
16	Multi-Synergistic Removal of Low-Boiling-Point Contaminants with Efficient Carbon Aerogel-Based Solar Purifier. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 31624-31634	9.5	8
15	A broadband aggregation-independent plasmonic absorber for highly efficient solar steam generation. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 10742-10746	13	52
14	Rational Design of Conjugated Small Molecules for Superior Photothermal Theranostics in the NIR-II Biowindow. <i>Advanced Materials</i> , 2020 , 32, e2001146	24	101

13	Single-Photomolecular Nanotheranostics for Synergetic Near-Infrared Fluorescence and Photoacoustic Imaging-Guided Highly Effective Photothermal Ablation. <i>Small</i> , 2020 , 16, e2002672	11	15
12	Stable Organic Photosensitizer Nanoparticles with Absorption Peak beyond 800 Nanometers and High Reactive Oxygen Species Yield for Multimodality Phototheranostics. <i>ACS Nano</i> , 2020 , 14, 9917-9928	16.7	48
11	Manipulating Interfacial Charge-Transfer Absorption of Cocrystal Absorber for Efficient Solar Seawater Desalination and Water Purification. <i>ACS Energy Letters</i> , 2020 , 5, 2698-2705	20.1	35
10	Water-Splitting Based and Related Therapeutic Effects: Evolving Concepts, Progress, and Perspectives. <i>Small</i> , 2020 , 16, e2004551	11	14
9	Charge-Transfer Complexes: Deep-Red/Near-Infrared Electroluminescence from Single-Component Charge-Transfer Complex via Thermally Activated Delayed Fluorescence Channel (Adv. Funct. Mater. 38/2019). <i>Advanced Functional Materials</i> , 2019 , 29, 1970263	15.6	2
8	Dual Fenton Catalytic Nanoreactor for Integrative Type-I and Type-II Photodynamic Therapy Against Hypoxic Cancer Cells.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 3854-3860	4.1	21
7	Plant-Derived Single-Molecule-Based Nanotheranostics for Photoenhanced Chemotherapy and Ferroptotic-Like Cancer Cell Death.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 2643-2649	4.1	6
6	A Biocompatible Free Radical Nanogenerator with Real-Time Monitoring Capability for High Performance Sequential Hypoxic Tumor Therapy. <i>Advanced Functional Materials</i> , 2019 , 29, 1903436	15.6	56
5	Deep-Red/Near-Infrared Electroluminescence from Single-Component Charge-Transfer Complex via Thermally Activated Delayed Fluorescence Channel. <i>Advanced Functional Materials</i> , 2019 , 29, 1903112	15.6	39
4	Intrinsically Cancer-Mitochondria-Targeted Thermally Activated Delayed Fluorescence Nanoparticles for Two-Photon-Activated Fluorescence Imaging and Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 41051-41061	9.5	47
3	Biodegradable EConjugated Oligomer Nanoparticles with High Photothermal Conversion Efficiency for Cancer Theranostics. <i>ACS Nano</i> , 2019 , 13, 12901-12911	16.7	104
2	Green Mass Production of Pure Nanodrugs via an Ice-Template-Assisted Strategy. <i>Nano Letters</i> , 2019 , 19, 658-665	11.5	25
1	Biocompatible semiconducting polymer nanoparticles as robust photoacoustic and photothermal agents revealing the effects of chemical structure on high photothermal conversion efficiency. <i>Biomaterials</i> , 2018 , 181, 92-102	15.6	55