Yingpeng Wan

List of Publications by Citations

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	Biodegradable Conjugated Oligomer Nanoparticles with High Photothermal Conversion Efficiency for Cancer Theranostics. *ACS Nano*, **2019**, 13, 12901-12911	16.7	104
29	Rational Design of Conjugated Small Molecules for Superior Photothermal Theranostics in the NIR-II Biowindow. *Advanced Materials*, **2020**, 32, e2001146	24	101
28	A Biocompatible Free Radical Nanogenerator with Real-Time Monitoring Capability for High Performance Sequential Hypoxic Tumor Therapy. *Advanced Functional Materials*, **2019**, 29, 1903436	15.6	56
27	Biocompatible semiconducting polymer nanoparticles as robust photoacoustic and photothermal agents revealing the effects of chemical structure on high photothermal conversion efficiency. *Biomaterials*, **2018**, 181, 92-102	15.6	55
26	A broadband aggregation-independent plasmonic absorber for highly efficient solar steam generation. *Journal of Materials Chemistry A*, **2020**, 8, 10742-10746	13	52
25	Stable Organic Photosensitizer Nanoparticles with Absorption Peak beyond 800 Nanometers and High Reactive Oxygen Species Yield for Multimodality Phototheranostics. *ACS Nano*, **2020**, 14, 9917-9928	16.7	48
24	Intrinsically Cancer-Mitochondria-Targeted Thermally Activated Delayed Fluorescence Nanoparticles for Two-Photon-Activated Fluorescence Imaging and Photodynamic Therapy. *ACS Applied Materials & Interfaces*, **2019**, 11, 41051-41061	9.5	47
23	Deep-Red/Near-Infrared Electroluminescence from Single-Component Charge-Transfer Complex via Thermally Activated Delayed Fluorescence Channel. *Advanced Functional Materials*, **2019**, 29, 1903112	15.6	39
22	Manipulating Interfacial Charge-Transfer Absorption of Cocrystal Absorber for Efficient Solar Seawater Desalination and Water Purification. *ACS Energy Letters*, **2020**, 5, 2698-2705	20.1	35
21	Green Mass Production of Pure Nanodrugs via an Ice-Template-Assisted Strategy. *Nano Letters*, **2019**, 19, 658-665	11.5	25
20	Dual Fenton Catalytic Nanoreactor for Integrative Type-I and Type-II Photodynamic Therapy Against Hypoxic Cancer Cells.. *ACS Applied Bio Materials*, **2019**, 2, 3854-3860	4.1	21
19	Single-Photomolecular Nanotheranostics for Synergetic Near-Infrared Fluorescence and Photoacoustic Imaging-Guided Highly Effective Photothermal Ablation. *Small*, **2020**, 16, e2002672	11	15
18	Water-Splitting Based and Related Therapeutic Effects: Evolving Concepts, Progress, and Perspectives. *Small*, **2020**, 16, e2004551	11	14
17	A Diradicaloid Small Molecular Nanotheranostic with Strong Near-Infrared Absorbance for Effective Cancer Photoacoustic Imaging and Photothermal Therapy. *ACS Applied Materials & Interfaces*, **2021**, 13, 15983-15991	9.5	12
16	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*, **2022**, e2106215	11	11
15	Iron Self-Boosting Polymer Nanoenzyme for Low-Temperature Photothermal-Enhanced Ferrotherapy. *ACS Applied Materials & Interfaces*, **2021**, 13, 30274-30283	9.5	10
14	Marriage of 2D Covalent-Organic Framework and 3D Network as Stable Solar-Thermal Still for Efficient Solar Steam Generation.. *Small Methods*, **2021**, 5, e2100036	12.8	9

List of Publications

13	A Ca-Ion Electrochromic Battery via a Water-in-Salt Electrolyte. *Advanced Functional Materials*, **2021**, 31, 2104639	15.6	8
12	Multi-Synergistic Removal of Low-Boiling-Point Contaminants with Efficient Carbon Aerogel-Based Solar Purifier. *ACS Applied Materials & Interfaces*, **2021**, 13, 31624-31634	9.5	8
11	Aligned Millineedle Arrays for Solar Power Seawater Desalination with Site-Specific Salt Formation. *Small*, **2021**, 17, e2101487	11	7
10	Plant-Derived Single-Molecule-Based Nanotheranostics for Photoenhanced Chemotherapy and Ferroptotic-Like Cancer Cell Death.. *ACS Applied Bio Materials*, **2019**, 2, 2643-2649	4.1	6
9	Recent Progress of Alkyl Radicals Generation-Based Agents for Biomedical Applications. *Advanced Healthcare Materials*, **2021**, 10, e2100055	10.1	5
8	Multifunctional oligomer sponge for efficient solar water purification and oil cleanup. *Journal of Materials Chemistry A*, **2021**, 9, 2104-2110	13	5
7	Amplifying Free Radical Generation of AIE Photosensitizer with Small Singlet-Triplet Splitting for Hypoxia-Overcoming Photodynamic Therapy.. *ACS Applied Materials & Interfaces*, **2022**,	9.5	4
6	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). *Advanced Functional Materials*, **2019**, 29, 1970263	15.6	2
5	Recent Advances in Hypoxia-Overcoming Strategy of Aggregation-Induced Emission Photosensitizers for Efficient Photodynamic Therapy. *Advanced Healthcare Materials*, **2021**, e2101607	10.1	2
4	Single molecular nanomedicine with NIR light-initiated superoxide radical, singlet oxygen and thermal generation for hypoxia-overcoming cancer therapy. *Nanoscale*, **2021**, 13, 8012-8016	7.7	2
3	Photochemical Synthesis of Nonplanar Small Molecules with Ultrafast Nonradiative Decay for Highly Efficient Phototheranostics. *Advanced Materials*, **2021**, 33, e2102799	24	2
2	DTX@VTX NPs synergy PD-L1 immune checkpoint nanoinhibitor to reshape immunosuppressive tumor microenvironment for enhancing chemo-immunotherapy. *Journal of Materials Chemistry B*, **2021**, 9, 7544-7556	7.3	0
1	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). *Small*, **2022**, 18, 2270025	11	