

# Development of organic semiconducting materials for phototherapy and photoactivation

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Highly Stable and Multifunctional Aza-BODIPY-Based Phototherapeutic Agent for Anticancer Treatment. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 44324-44335.	4.0	68
2	Bichromophoric Properties of Ruthenium(II) Polypyridyl Complexes Bridged by Boron Dipyrromethenes: Synthesis, Electrochemical, Spectroscopic, Computational Evaluation, and Plasmid DNA Photoreactions. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3690-3698.	1.0	5
3	A Novel Theranostic Nanoprobe for In Vivo Singlet Oxygen Detection and Real-Time Dose Effect Relationship Monitoring in Photodynamic Therapy. <i>Small</i> , 2019, 15, e1902185.	5.2	25
4	Organic/polymer photothermal nanoagents for photoacoustic imaging and photothermal therapy in vivo. <i>Science China Materials</i> , 2019, 62, 1740-1758.	3.5	45
5	Multifunctional Cancer Phototherapy Using Fluorophore-Functionalized Nanodiamond Supraparticles. <i>ACS Applied Bio Materials</i> , 2019, 2, 3693-3705.	2.3	13
6	Oxygen self-sufficient NIR-activatable liposomes for tumor hypoxia regulation and photodynamic therapy. <i>Chemical Science</i> , 2019, 10, 9091-9098.	3.7	81
7	Recent Advances on Activatable NIR-Fluorescence Probes for Biomedical Imaging. <i>Advanced Optical Materials</i> , 2019, 7, 1900917.	3.6	111
8	Single NIR Laser-Activated Multifunctional Nanoparticles for Cascaded Photothermal and Oxygen-Independent Photodynamic Therapy. <i>Nano-Micro Letters</i> , 2019, 11, 68.	14.4	56
9	Nitric Oxide-Activated "Dual-Key" One-Lock Nanoprobe for in Vivo Molecular Imaging and High-Specificity Cancer Therapy. <i>Journal of the American Chemical Society</i> , 2019, 141, 13572-13581.	6.6	126
10	A dual-targeted theranostic photosensitizer based on a TADF fluorescein derivative. <i>Journal of Controlled Release</i> , 2019, 310, 1-10.	4.8	29
11	Porphyrin Functionalized Gelatin Nanoparticle-Based Biodegradable Phototheranostics: Potential Tools for Antimicrobial Photodynamic Therapy. <i>ACS Applied Bio Materials</i> , 2019, 2, 4202-4212.	2.3	29
12	Mitochondria-targeted Ir@AuNRs as bifunctional therapeutic agents for hypoxia imaging and photothermal therapy. <i>Chemical Communications</i> , 2019, 55, 10273-10276.	2.2	23
13	PEGylated Tantalum Nanoparticles: A Metallic Photoacoustic Contrast Agent for Multiwavelength Imaging of Tumors. <i>Small</i> , 2019, 15, e1903596.	5.2	27
14	Single nanoparticles as versatile phototheranostics for tri-modal imaging-guided photothermal therapy. <i>Biomaterials Science</i> , 2019, 7, 3609-3613.	2.6	28
15	A new building block with intramolecular D-A character for conjugated polymers: ladder structure based on B $\pi$ N unit. <i>Science China Chemistry</i> , 2019, 62, 1387-1392.	4.2	21
16	Ultrabright Fluorescent Polymer Dots with Thermochromic Characteristics for Full-Color Security Marking. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 29341-29349.	4.0	55
17	MnFe <sub>2</sub> O <sub>4</sub> -decorated large-pore mesoporous silica-coated upconversion nanoparticles for near-infrared light-induced and O <sub>2</sub> self-sufficient photodynamic therapy. <i>Nanoscale</i> , 2019, 11, 14654-14667.	2.8	41
18	Thermoresponsive Semiconducting Polymer Nanoparticles for Contrast-Enhanced Photoacoustic Imaging. <i>Advanced Functional Materials</i> , 2019, 29, 1903461.	7.8	53



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37	A Renalâ€œClearable Duplex Optical Reporter for Realâ€œTime Imaging of Contrastâ€œInduced Acute Kidney Injury. <i>Angewandte Chemie</i> , 2019, 131, 17960-17968.	1.6	30
38	A Photolabile Semiconducting Polymer Nanotransducer for Nearâ€œInfrared Regulation of CRISPR/Cas9 Gene Editing. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18197-18201.	7.2	114
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40	Second Nearâ€œInfrared Absorbing Agents for Photoacoustic Imaging and Photothermal Therapy. <i>Small Methods</i> , 2019, 3, 1900553.	4.6	184
41	Intrinsically Cancer-Mitochondria-Targeted Thermally Activated Delayed Fluorescence Nanoparticles for Two-Photon-Activated Fluorescence Imaging and Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 41051-41061.	4.0	73
42	Water-Soluble Conjugated Organic Molecules as Optical and Electrochemical Materials for Interdisciplinary Biological Applications. <i>Accounts of Chemical Research</i> , 2019, 52, 3211-3222.	7.6	109
43	Differential Phagocytosis-Based Photothermal Ablation of Inflammatory Macrophages in Atherosclerotic Disease. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 41009-41018.	4.0	33
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46	Chemical Modulation of Bioengineered Exosomes for Tissueâ€œSpecific Biodistribution. <i>Advanced Therapeutics</i> , 2019, 2, 1900111.	1.6	26
47	Biodegradable Iâ€œConjugated Oligomer Nanoparticles with High Photothermal Conversion Efficiency for Cancer Theranostics. <i>ACS Nano</i> , 2019, 13, 12901-12911.	7.3	191
48	Smart Aza-BODIPY Photosensitizer for Tumor Microenvironment-Enhanced Cancer Phototherapy. <i>ACS Applied Bio Materials</i> , 2019, 2, 5888-5897.	2.3	26
49	Budd-Chiari syndrome with short-length stenosis: still room for the angioplasty and wait-and-see strategy â€œ Authors' reply. <i>The Lancet Gastroenterology and Hepatology</i> , 2019, 4, 823-824.	3.7	0
50	Polarization property of high harmonics generated from nitrogen molecule by bichromatic counter-rotating circularly polarized laser fields. <i>Laser Physics</i> , 2019, 29, 105301.	0.6	3
51	Advanced Nanotechnology Leading the Way to Multimodal Imagingâ€œGuided Precision Surgical Therapy. <i>Advanced Materials</i> , 2019, 31, e1904329.	11.1	135
52	A Photolabile Semiconducting Polymer Nanotransducer for Nearâ€œInfrared Regulation of CRISPR/Cas9 Gene Editing. <i>Angewandte Chemie</i> , 2019, 131, 18365-18369.	1.6	15
53	A Latticeâ€œOxygenâ€œInvolved Reaction Pathway to Boost Urea Oxidation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16820-16825.	7.2	201
54	Renalâ€œClearable Molecular Semiconductor for Second Nearâ€œInfrared Fluorescence Imaging of Kidney Dysfunction. <i>Angewandte Chemie</i> , 2019, 131, 15264-15271.	1.6	32

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59	Metabolizable Semiconducting Polymer Nanoparticles for Second Near-Infrared Photoacoustic Imaging. <i>Advanced Materials</i> , 2019, 31, e1808166.	11.1	288
60	Development of organic semiconducting materials for deep-tissue optical imaging, phototherapy and photoactivation. <i>Chemical Society Reviews</i> , 2019, 48, 38-71.	18.7	917
61	Carrier-free nano-integrated strategy for synergetic cancer anti-angiogenic therapy and phototherapy. <i>Chemical Science</i> , 2019, 10, 2778-2784.	3.7	88
62	Near-Infrared Afterglow Semiconducting Nano-Polycomplexes for the Multiplex Differentiation of Cancer Exosomes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4983-4987.	7.2	170
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67	An Organic Afterglow Protheranostic Nanoassembly. <i>Advanced Materials</i> , 2019, 31, e1902672.	11.1	97
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71	Water-soluble conjugated polymer with near-infrared absorption for synergistic tumor therapy using photothermal and photodynamic activity. <i>Chemical Communications</i> , 2019, 55, 8615-8618.	2.2	31
72	Amphiphilic semiconducting oligomer for single NIR laser induced photothermal/photodynamic combination therapy. <i>Dyes and Pigments</i> , 2019, 170, 107664.	2.0	23

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73	Lab-in-cell based on spontaneous amino-yne click polymerization. <i>Science China Chemistry</i> , 2019, 62, 1198-1203.	4.2	55
74	Platelet-membrane-camouflaged bismuth sulfide nanorods for synergistic radio-photothermal therapy against cancer. <i>Biomaterials Science</i> , 2019, 7, 3450-3459.	2.6	75
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90	Organic Photodynamic Nanoinhibitor for Synergistic Cancer Therapy. <i>Angewandte Chemie</i> , 2019, 131, 8245-8249.	1.6	20

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91	Stable, Wavelength-Tunable Fluorescent Dyes in the NIR-II Region for In Vivo High-Contrast Bioimaging and Multiplexed Biosensing. <i>Angewandte Chemie</i> , 2019, 131, 8250-8255.	1.6	206
92	Stable, Wavelength-Tunable Fluorescent Dyes in the NIR-II Region for In Vivo High-Contrast Bioimaging and Multiplexed Biosensing. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8166-8171.	7.2	270
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105	Tailoring the photoluminescence of atomically precise nanoclusters. <i>Chemical Society Reviews</i> , 2019, 48, 2422-2457.	18.7	655
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107	A BODIPY-Based Donor/Donor-Acceptor System: Towards Highly Efficient Long-Wavelength-Excitable Near-IR Polymer Dots with Narrow and Strong Absorption Features. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7008-7012.	7.2	57
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110	Ultrafast synthesis of gold nanosphere cluster coated by graphene quantum dot for active targeting PA/CT imaging and near-infrared laser/pH-triggered chemo-photothermal synergistic tumor therapy. <i>Chemical Engineering Journal</i> , 2019, 369, 87-99.	6.6	45
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114	Biodegradable Antibacterial Polymeric Nanosystems: A New Hope to Cope with Multidrug-Resistant Bacteria. <i>Small</i> , 2019, 15, e1900999.	5.2	135
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150	NIR/ROS-Responsive Black Phosphorus QD Vesicles as Immunoadjuvant Carrier for Specific Cancer Photodynamic Immunotherapy. <i>Advanced Functional Materials</i> , 2020, 30, 1905758.	7.8	75
151	An aggregation-induced emission dye-powered afterglow luminogen for tumor imaging. <i>Chemical Science</i> , 2020, 11, 419-428.	3.7	42
152	Activatable molecular agents for cancer theranostics. <i>Chemical Science</i> , 2020, 11, 618-630.	3.7	116
153	Porphyrin-diketopyrrolopyrrole conjugates and related structures: Synthesis, properties and applications. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 43-66.	0.4	8
154	pH stimulus-disaggregated BODIPY: an activated photodynamic/photothermal sensitizer applicable to tumor ablation. <i>Chemical Communications</i> , 2020, 56, 1956-1959.	2.2	42
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