

Overcoming the Achilles' heel of photodynamic therapy

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Photo-Cross-Linkable Polymer Dots with Stable Sensitizer Loading and Amplified Singlet Oxygen Generation for Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3419-3431.	4.0	56
2	808 nm light responsive nanotheranostic agents based on near-infrared dye functionalized manganese ferrite for magnetic-targeted and imaging-guided photodynamic/photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1803-1814.	2.9	34
3	A core-shell metal-organic-framework (MOF)-based smart nanocomposite for efficient NIR/H ₂ O ₂ -responsive photodynamic therapy against hypoxic tumor cells. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2390-2394.	2.9	83
4	Two-dimensional Pd-based nanomaterials for bioapplications. <i>Science Bulletin</i> , 2017, 62, 579-588.	4.3	45
5	Layered double hydroxide bio-composites toward excellent systematic anticancer therapy. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3212-3216.	2.9	20
6	Biocompatible Cup-shaped Nanocrystal with Ultrahigh Photothermal Efficiency as Tumor Therapeutic Agent. <i>Advanced Functional Materials</i> , 2017, 27, 1700605.	7.8	59
7	Functionalization of SiC/SiO ₂ nanowires with a porphyrin derivative: a hybrid nanosystem for X-ray induced singlet oxygen generation. <i>Molecular Systems Design and Engineering</i> , 2017, 2, 165-172.	1.7	11
8	Targeting Photochemical Scalpels or Lancets in the Photodynamic Therapy Field—The Photochemist's Role. <i>Photochemistry and Photobiology</i> , 2017, 93, 1139-1153.	1.3	20
9	Activatable Singlet Oxygen Generation from Lipid Hydroperoxide Nanoparticles for Cancer Therapy. <i>Angewandte Chemie</i> , 2017, 129, 6592-6596.	1.6	63
10	Activatable Singlet Oxygen Generation from Lipid Hydroperoxide Nanoparticles for Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6492-6496.	7.2	328
11	Enhanced Afterglow Performance of Persistent Luminescence Implants for Efficient Repeatable Photodynamic Therapy. <i>ACS Nano</i> , 2017, 11, 5864-5872.	7.3	136
12	pH-Triggered and Enhanced Simultaneous Photodynamic and Photothermal Therapy Guided by Photoacoustic and Photothermal Imaging. <i>Chemistry of Materials</i> , 2017, 29, 5216-5224.	3.2	170
13	Novel Silicon Phthalocyanines Bearing Triethylene Glycol Groups: Photophysical and Photochemical Properties as well as pH-Induced Spectral Behaviour. <i>Journal of Fluorescence</i> , 2017, 27, 1257-1266.	1.3	6
14	One-for-All-Type, Biodegradable Prussian Blue/Manganese Dioxide Hybrid Nanocrystal for Trimodal Imaging-Guided Photothermal Therapy and Oxygen Regulation of Breast Cancer. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 13875-13886.	4.0	91
15	Self-Assembled Carbon Dot Nanosphere: A Robust, Near-Infrared Light-Responsive, and Vein Injectable Photosensitizer. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601419.	3.9	41
16	Highly Emissive Dye-Sensitized Upconversion Nanostructure for Dual-Photosensitizer Photodynamic Therapy and Bioimaging. <i>ACS Nano</i> , 2017, 11, 4133-4144.	7.3	342
17	Optical nanoprobe for biomedical applications: shining a light on upconverting and near-infrared emitting nanoparticles for imaging, thermal sensing, and photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4365-4392.	2.9	181
18	Two New Oxovanadium(IV) Compounds Containing Amino Acid Schiff Base and 1,10-Bathophenanthroline Ligands: Syntheses, Crystal Structures, and In Vitro Evaluation of the Anticancer Activities. <i>Australian Journal of Chemistry</i> , 2017, 70, 608.	0.5	5

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20	Photothermal-triggered release of singlet oxygen from an endoperoxide-containing polymeric carrier for killing cancer cells. <i>Materials Horizons</i> , 2017, 4, 1185-1189.	6.4	50
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22	Nanotechnology for Multimodal Synergistic Cancer Therapy. <i>Chemical Reviews</i> , 2017, 117, 13566-13638.	23.0	1,392
23	Tannic Acid/Fe ³⁺ /Ag Nanofilm Exhibiting Superior Photodynamic and Physical Antibacterial Activity. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 39657-39671.	4.0	76
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25	Photosensitization mechanism of Cu(II) porphyrins. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 20533-20540.	1.3	9
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27	Integration of IR ⁸⁰⁸ Sensitized Upconversion Nanostructure and MoS ₂ Nanosheet for 808 nm NIR Light Triggered Phototherapy and Bioimaging. <i>Small</i> , 2017, 13, 1701841.	5.2	117
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32	808 nm light triggered black TiO ₂ nanoparticles for killing of bladder cancer cells. <i>Materials Science and Engineering C</i> , 2017, 81, 252-260.	3.8	46
33	Manipulating tumor hypoxia toward enhanced photodynamic therapy (PDT). <i>Biomaterials Science</i> , 2017, 5, 1500-1511.	2.6	254
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35	The development of anticancer ruthenium(II) complexes: from single molecule compounds to nanomaterials. <i>Chemical Society Reviews</i> , 2017, 46, 5771-5804.	18.7	793
36	The development of ruthenium(II) polypyridyl complexes and conjugates for <i>in vitro</i> cellular and <i>in vivo</i> applications. <i>Chemical Society Reviews</i> , 2017, 46, 7706-7756.	18.7	326

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56	Thiol-capped Bi nanoparticles as stable and all-in-one type theranostic nanoagents for tumor imaging and thermoradiotherapy. <i>Biomaterials</i> , 2018, 161, 279-291.	5.7	113
57	Plasmonic Resonance Energy Transfer Enhanced Photodynamic Therapy with Au@SiO ₂ @Cu ₂ O/Perfluorohexane Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6991-7002.	4.0	74
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65	Toxic Reactive Oxygen Species Enhanced Synergistic Combination Therapy by Self-Assembled Metal-Phenolic Network Nanoparticles. <i>Advanced Materials</i> , 2018, 30, 1704877.	11.1	311
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72	Metal-organic frameworks join hands to create an anti-cancer nanoplatfrom based on 808 nm light driving up-conversion nanoparticles. <i>Chemical Engineering Journal</i> , 2018, 344, 363-374.	6.6	54

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74	Carbon-Decorated TiO ₂ Nanotubes toward Photodynamic Therapy Based on Water-Splitting Mechanism. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800042.	3.9	49
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112	Phthalocyanine-Assembled Nanodots as Photosensitizers for Highly Efficient Type-I Photoreactions in Photodynamic Therapy. <i>Angewandte Chemie</i> , 2018, 130, 10033-10038.	1.6	56
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131	Fluorescence Resonance Energy Transfer Based Highly Efficient Theranostic Nanoplatfom for Two-Photon Bioimaging and Two-Photon Excited Photodynamic Therapy of Multiple Drug Resistance Bacteria. <i>ACS Applied Bio Materials</i> , 2018, 1, 298-309.	2.3	38
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134	Light-driven transformable optical agent with adaptive functions for boosting cancer surgery outcomes. <i>Nature Communications</i> , 2018, 9, 1848.	5.8	286
135	Engineering of tungsten carbide nanoparticles for imaging-guided single 1,064 nm laser-activated dual-type photodynamic and photothermal therapy of cancer. <i>Nano Research</i> , 2018, 11, 4859-4873.	5.8	42
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137	Targeted Maytansinoid Conjugate Improves Therapeutic Index for Metastatic Breast Cancer Cells. <i>Bioconjugate Chemistry</i> , 2018, 29, 2920-2926.	1.8	8
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