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Nanoparticles in photodynamic therapy

DOI: 10.1021/cr5004198 Chemical Reviews, 2015, 115, 1990-2042.

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2112	Prostate-Specific Membrane Antigen Targeted Gold Nanoparticles for Theranostics of Prostate Cancer.	
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2110	Zinc-Dithizone Complex Engineered Upconverting Nanosensors for the Detection of Hypochlorite in Living Cells. <b>2015</b> , 11, 4568-75	34
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2106	The Effect of Coatings on the Affinity of Lanthanide Nanoparticles to MKN45 and HeLa Cancer Cells and Improvement in Photodynamic Therapy Efficiency. <b>2015</b> , 16, 22415-24	9
2105	Emerging applications of porphyrins in photomedicine. <b>2015</b> , 3,	105
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1990	Facile Preparation of Uniform Nanocomposite Spheres with Loading Silver Nanoparticles on Polystyrene-methyl Acrylic Acid Spheres for Catalytic Reduction of 4-Nitrophenol. <b>2016</b> , 120, 25935-25944	94
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1988	Injectable Self-Assembled Dipeptide-Based Nanocarriers for Tumor Delivery and Effective In Vivo Photodynamic Therapy. <b>2016</b> , 8, 30759-30767	49

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1957	Magnetic nanoscale metal organic frameworks for potential targeted anticancer drug delivery, imaging and as an MRI contrast agent. <b>2016</b> , 45, 2963-73	180
1956	A reduction-responsive polypeptide nanogel encapsulating NIR photosensitizer for imaging guided photodynamic therapy. <b>2016</b> , 7, 951-957	52
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1937	Photo-Cross-Linkable Polymer Dots with Stable Sensitizer Loading and Amplified Singlet Oxygen Generation for Photodynamic Therapy. <b>2017</b> , 9, 3419-3431	39
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1768	Localized Surface Plasmon Resonance Enhanced Singlet Oxygen Generation and Light Absorption Based on Black Phosphorus@AuNPs Nanosheet for Tumor Photodynamic/Thermal Therapy. <b>2018</b> , 35, 1800010	33
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1766	Supramolecular-Assisted RNA-Templated Fluorescing Colloidal CdSe QDs Organized in Porous Morphology in the Presence of 1,3-Diaminopropane: Study of Their Multifunctional Behavior. <b>2018</b> , 122, 7898-7915	1
1765	Enhanced Cellular Ablation by Attenuating Hypoxia Status and Reprogramming Tumor-Associated Macrophages via NIR Light-Responsive Upconversion Nanocrystals. <b>2018</b> , 29, 928-938	53
1764	Magnetic Mesoporous Silica Nanoparticles Cloaked by Red Blood Cell Membranes: Applications in Cancer Therapy. <b>2018</b> , 57, 6049-6053	164
1763	A mitochondria-targeted nanoradiosensitizer activating reactive oxygen species burst for enhanced radiation therapy. <b>2018</b> , 9, 3159-3164	55
1762	Mitochondria-localizing BODIPY-copper(ii) conjugates for cellular imaging and photo-activated cytotoxicity forming singlet oxygen. <b>2018</b> , 47, 5019-5030	19
1761	Ultrasensitive Tyrosinase-Activated Turn-On Near-Infrared Fluorescent Probe with a Rationally Designed Urea Bond for Selective Imaging and Photodamage to Melanoma Cells. <b>2018</b> , 90, 3666-3669	44
1760	Bismuth Ferrite-Based Nanoplatform Design: An Ablation Mechanism Study of Solid Tumor and NIR-Triggered Photothermal/Photodynamic Combination Cancer Therapy. <b>2018</b> , 28, 1706827	80
1759	A pre-protective strategy for precise tumor targeting and efficient photodynamic therapy with a switchable DNA/upconversion nanocomposite. <b>2018</b> , 9, 3563-3569	47
1758	Red-emissive azabenzanthrone derivatives for photodynamic therapy irradiated with ultralow light power density and two-photon imaging. <b>2018</b> , 9, 5165-5171	45
1757	Timely coordinated phototherapy mediated by mesoporous organosilica coated triangular gold nanoprisms. <b>2018</b> , 6, 3865-3875	9
1756	Modulating In Vitro Photodynamic Activities of Copper(II) Complexes. 2018, 2018, 2011-2018	18
1755	Stable black phosphorus/BiO heterostructures for synergistic cancer radiotherapy. <b>2018</b> , 171, 12-22	70
1754	White-light-emitting NaYF4 Nanoplatform for NIR Upconversion-mediated Photodynamic Therapy and Bioimaging. <b>2018</b> , 4, 583-595	14

1753	Synergistic Targeting and Efficient Photodynamic Therapy Based on Graphene Oxide Quantum Dot-Upconversion Nanocrystal Hybrid Nanoparticles. <b>2018</b> , 14, e1800293	36
1752	Carbon-based hybrid nanogels: a synergistic nanoplatform for combined biosensing, bioimaging, and responsive drug delivery. <b>2018</b> , 47, 4198-4232	146
1751	ROS-responsive mesoporous silica nanoparticles for MR imaging-guided photodynamically maneuvered chemotherapy. <b>2018</b> , 10, 9616-9627	36
1750	ICG-Sensitized NaYF4:Er Nanostructure for Theranostics. <b>2018</b> , 6, 1701142	34
1749	A novel strategy of transition-metal doping to engineer absorption of carbon dots for near-infrared photothermal/photodynamic therapies. <b>2018</b> , 134, 519-530	68
1748	Antimicrobial Amino-Functionalized Nitrogen-Doped Graphene Quantum Dots for Eliminating Multidrug-Resistant Species in Dual-Modality Photodynamic Therapy and Bioimaging under Two-Photon Excitation. <b>2018</b> , 10, 14438-14446	90
1747	A pH-responsive organic photosensitizer specifically activated by cancer lysosomes. <b>2018</b> , 156, 285-290	22
1746	Pharmaceutical micelles featured with singlet oxygen-responsive cargo release and mitochondrial targeting for enhanced photodynamic therapy. <b>2018</b> , 29, 255101	14
1745	Perfluorocarbon-based nanomedicine: emerging strategy for diagnosis and treatment of diseases. <b>2018</b> , 8, 303-313	11
1744	Conjugated Polymers for Photodynamic Therapy. <b>2018</b> , 269-294	
1743	Conjugated Polymers for Two-Photon Live Cell Imaging. <b>2018</b> , 135-170	1
1742	Magnetic Mesoporous Silica Nanoparticles Cloaked by Red Blood Cell Membranes: Applications in Cancer Therapy. <b>2018</b> , 130, 6157-6161	11
1741	Polypeptide-based artificial erythrocytes conjugated with near infrared photosensitizers for imaging-guided photodynamic therapy. <b>2018</b> , 53, 9368-9381	9
1740	Prostate-Specific Membrane Antigen Targeted Gold Nanoparticles for Theranostics of Prostate Cancer. <b>2018</b> , 12, 3714-3725	88
1739	Zwitterionic diketopyrrolopyrrole for fluorescence/photoacoustic imaging guided photodynamic/photothermal therapy. <b>2018</b> , 9, 2805-2812	24
1738	Enhanced Photodynamic Therapy by Reduced Levels of Intracellular Glutathione Obtained By Employing a Nano-MOF with Cu as the Active Center. <b>2018</b> , 57, 4891-4896	194
1737	X-ray excited luminescence and persistent luminescence of Sr2MgSi2O7:Eu2+, Dy3+ and their associations with synthesis conditions. <b>2018</b> , 198, 132-137	11
1736	Heterostructured nanorod array with piezophototronic and plasmonic effect for photodynamic bacteria killing and wound healing. <b>2018</b> , 46, 29-38	85

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1735	Metallated porphyrin-doped conjugated polymer nanoparticles for efficient photodynamic therapy of brain and colorectal tumor cells. <b>2018</b> , 13, 605-624	19
1734	Self-assembled organic nanorods for dual chemo-photodynamic therapies <b>2018</b> , 8, 5493-5499	6
1733	How Does the Encapsulation of Porphyrinic Photosensitizers into Polymer Matrices Affect Their Self-Association and Dynamic Properties?. <b>2018</b> , 19, 1089-1102	10
1732	Photosensitive Nanoparticles Combining Vascular-Independent Intratumor Distribution and On-Demand Oxygen-Depot Delivery for Enhanced Cancer Photodynamic Therapy. <b>2018</b> , 14, e1703045	37
1731	L-amino acid oxidase from snake venom and its anticancer potential. <b>2018</b> , 144, 7-13	23
1730	Plasmonic Resonance Energy Transfer Enhanced Photodynamic Therapy with Au@SiO@CuO/Perfluorohexane Nanocomposites. <b>2018</b> , 10, 6991-7002	47
1729	IR780-dye loaded gold nanoparticles as new near infrared activatable nanotheranostic agents for simultaneous photodynamic and photothermal therapy and intracellular tracking by surface enhanced resonant Raman scattering imaging. <b>2018</b> , 517, 239-250	45
1728	Functionalized CuBiS nanoparticles for dual-modal imaging and targeted photothermal/photodynamic therapy. <b>2018</b> , 10, 4452-4462	42
1727	A Universal Upconversion Sensing Platform for the Sensitive Detection of Tumour-Related ncRNA through an Exo III-Assisted Cycling Amplification Strategy. <b>2018</b> , 14, 1703858	28
1726	Construction of iron oxide nanoparticle-based hybrid platforms for tumor imaging and therapy. <b>2018</b> , 47, 1874-1900	214
1726 1725		214
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1717	Therapeutic applications of iron oxide based nanoparticles in cancer: basic concepts and recent advances. <b>2018</b> , 6, 708-725	77
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1714	Silica-based nanoparticles are efficient delivery systems for temoporfin. <b>2018</b> , 21, 275-284	13
1713	Functionalized Flexible Soft Polymer Optical Fibers for Laser Photomedicine. <b>2018</b> , 6, 1701118	34
1712	RAFT synthesis of polystyrene-block-poly(polyethylene glycol monomethyl ether acrylate) for zinc phthalocyanine-loaded polymeric micelles as photodynamic therapy photosensitizers. <b>2018</b> , 56, 560-570	8
1711	Therapeutic Considerations and Conjugated Polymer-Based Photosensitizers for Photodynamic Therapy. <b>2018</b> , 39, 1700614	46
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1708	Photodynamic therapy in 3D cancer models and the utilisation of nanodelivery systems. <b>2018</b> , 10, 1570-1581  Light-triggerable formulations for the intracellular controlled release of biomolecules. <b>2018</b> , 23, 1062-1070	47 17
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1693	CuS Nanocrystals Cross-Linked with Chlorin e6-Functionalized Polyethylenimine for Synergistic Photodynamic and Photothermal Therapy of Cancer. <b>2018</b> , 10, 16344-16351	40
1692	Solvothermal modification of magnesium phthalocyanine. <b>2018</b> , 478, 88-103	3
1691	Optimal temperature control of tissue embedded with gold nanoparticles for enhanced thermal therapy based on two-energy equation model. <b>2018</b> , 74, 264-274	8
1690	An immunoconjugated up-conversion nanocomplex for selective imaging and photodynamic therapy against HER2-positive breast cancer. <b>2018</b> , 10, 10154-10165	29
1689	Calcium carbonate-methylene blue nanohybrids for photodynamic therapy and ultrasound imaging. <b>2018</b> , 61, 483-491	13
1688	The functionalization of natural polymer-coated gold nanoparticles to carry bFGF to promote tissue regeneration. <b>2018</b> , 6, 2104-2115	8
1687	Extended Benzoporphyrin-Based Metal-Organic Framework for Inhibition of Tumor Metastasis. <b>2018</b> , 12, 4630-4640	103
1686	Chlorin Nanoparticles for Tissue Diagnostics and Photodynamic Therapy. <b>2018</b> , 22, 106-114	7
1685	Au Nanorod/ZnO CoreBhell Nanoparticles as Nano-Photosensitizers for Near-Infrared Light-Induced Singlet Oxygen Generation. <b>2018</b> , 122, 7824-7830	21
1684	Preparation of gelatin nanoparticles by two step desolvation method for application in photodynamic therapy. <b>2018</b> , 29, 1287-1301	21
1683	New insights about the self-aggregation of benzoporphyrin derivatives: A theoretical and experimental investigation. <b>2018</b> , 22, 342-354	3
1682	Design of drug delivery systems for physical energy-induced chemical surgery. <b>2018</b> , 178, 583-596	11

1681	Near-Infrared-Light-Activatable Nanomaterial-Mediated Phototheranostic Nanomedicines: An Emerging Paradigm for Cancer Treatment. <b>2018</b> , 30, e1706320	287
1680	Near-Infrared Photoactivatable Oxygenation Catalysts of Amyloid Peptide. <b>2018</b> , 4, 807-820	33
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1678	Enhanced singlet oxygen generation of a soft salt through efficient energy transfer between two ionic metal complexes. <b>2018</b> , 47, 5582-5588	12
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1675	Polyfluorene based conjugated polymer nanoparticles for two-photon live cell imaging. 2018, 61, 88-96	19
1674	Mitochondrial specific photodynamic therapy by rare-earth nanoparticles mediated near-infrared graphene quantum dots. <b>2018</b> , 153, 14-26	154
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1672	Achieving efficient photodynamic therapy under both normoxia and hypoxia using cyclometalated Ru(ii) photosensitizer through type I photochemical process. <b>2018</b> , 9, 502-512	152
1671	Bovine serum albumin-capped gold nanoclusters conjugating with methylene blue for efficient O generation via energy transfer. <b>2018</b> , 510, 221-227	22
1670	An updated overview on the development of new photosensitizers for anticancer photodynamic therapy. <b>2018</b> , 8, 137-146	281
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1668	Co-Delivery of Drugs and Genes Using Polymeric Nanoparticles for Synergistic Cancer Therapeutic Effects. <b>2018</b> , 7, 1700886	61
1667	Mesoporous silica-based nanoplatforms for the delivery of photodynamic therapy agents. <b>2018</b> , 48, 3-17	39
1666	Formation of plasmon quenching dips greatly enhances 1O2 generation in a chlorin e6gold nanorod coupled system. <b>2018</b> , 11, 1456-1469	11
1665	Black Phosphorus Quantum Dots with Renal Clearance Property for Efficient Photodynamic Therapy. <b>2018</b> , 14, 1702815	136
1664	Nanocarriers as phototherapeutic drug delivery system: Appraisal of three different nanosystems in an in vivo and in vitro exploratory study. <b>2018</b> , 21, 43-49	13

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1663	A redox-responsive mesoporous silica based nanoplatform for in vitro tumor-specific fluorescence imaging and enhanced photodynamic therapy. <b>2017</b> , 6, 96-100	17
1662	Targeted and imaging-guided in vivo photodynamic therapy for tumors using dual-function, aggregation-induced emission nanoparticles. <b>2018</b> , 11, 2756-2770	22
1661	Albumin-Assisted Synthesis of Ultrasmall FeS Nanodots for Imaging-Guided Photothermal Enhanced Photodynamic Therapy. <b>2018</b> , 10, 332-340	49
1660	Hyperbranched Polyglycerol Loaded with (Zinc-)Porphyrins: Photosensitizer Release Under Reductive and Acidic Conditions for Improved Photodynamic Therapy. <b>2018</b> , 19, 222-238	24
1659	PEGylated Polydopamine Nanoparticles Incorporated with Indocyanine Green and Doxorubicin for Magnetically Guided Multimodal Cancer Therapy Triggered by Near-Infrared Light. <b>2018</b> , 1, 325-336	18
1658	Stimuli-responsive nanoparticles based on co-assembly of naturally-occurring biomacromolecules for in vitro photodynamic therapy. <b>2018</b> , 538, 795-801	61
1657	Functionalized Eu(III)-Based Nanoscale Metal-Organic Framework To Achieve Near-IR-Triggered and -Targeted Two-Photon Absorption Photodynamic Therapy. <b>2018</b> , 57, 300-310	45
1656	Oxygenic Hybrid Semiconducting Nanoparticles for Enhanced Photodynamic Therapy. <b>2018</b> , 18, 586-594	234
1655	Biodegradable Polymer Nanoparticles for Photodynamic Therapy by Bioluminescence Resonance Energy Transfer. <b>2018</b> , 19, 201-208	33
1654	Zeolitic imidazolate metal organic framework-8 as an efficient pH-controlled delivery vehicle for zinc phthalocyanine in photodynamic therapy. <b>2018</b> , 53, 2351-2361	25
1653	Functional peptide-based nanoparticles for photodynamic therapy. <b>2018</b> , 6, 25-38	39
1652	Self-Assembled Hybrid Nanostructures: Versatile Multifunctional Nanoplatforms for Cancer Diagnosis and Therapy. <b>2018</b> , 30, 25-53	65
1651	Applications of stimuli-responsive nanoscale drug delivery systems in translational research. <b>2018</b> , 23, 1043-1052	60
1650	Coordination-responsive drug release inside gold nanorod@metal-organic framework core\hat{\text{lhell}} hell nanostructures for near-infrared-induced synergistic chemo-photothermal therapy. <b>2018</b> , 11, 3294-3305	137
1649	SnWO-based nanohybrids with full energy transfer for largely enhanced photodynamic therapy and radiotherapy. <b>2018</b> , 155, 135-144	60
1648	In Silico Models for Nanomedicine: Recent Developments. <b>2018</b> , 25, 4192-4207	13
1647	Phthalocyanine-Assembled Nanodots as Photosensitizers for Highly Efficient Type I Photoreactions in Photodynamic Therapy. <b>2018</b> , 57, 9885-9890	213
1646	Metal <b>D</b> rganic Frameworks and Covalent Organic Frameworks as Platforms for Photodynamic Therapy. <b>2018</b> , 38, 238-293	20

1645	Theranostic nanocomposite from upconversion luminescent nanoparticles and black phosphorus nanosheets <b>2018</b> , 8, 35706-35718	13
1644	A GSH-responsive nanophotosensitizer for efficient photodynamic therapy <b>2018</b> , 8, 42374-42379	9
1643	Fluorinated polymeric micelles to overcome hypoxia and enhance photodynamic cancer therapy. <b>2018</b> , 6, 3096-3107	34
1642	Simultaneous supramolecular activation of NO photodonor/photosensitizer ensembles by a calix[4]arene nanoreactor. <b>2018</b> , 42, 18096-18101	7
1641	Interfacially synthesized Fe-soc-MOF nanoparticles combined with ICG for photothermal/photodynamic therapy. <b>2018</b> , 47, 16329-16336	43
1640	Graphitic carbon nitride nanosheets as a multifunctional nanoplatform for photochemical internalization-enhanced photodynamic therapy. <b>2018</b> , 6, 7908-7915	22
1639	Peptide-nanoparticle conjugates: a next generation of diagnostic and therapeutic platforms?. <b>2018</b> , 5, 38	79
1638	Synthesis of new binary porphyrinByanine conjugates and their self-aggregation in organic-aqueous media. <b>2018</b> , 28, 626-628	3
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1636	Combination-Responsive MoO-Hybridized Hyaluronic Acid Hollow Nanospheres for Cancer Phototheranostics. <b>2018</b> , 10, 42088-42101	34
1635	Highly Erbium-Doped Nanoplatform with Enhanced Red Emission for Dual-Modal Optical-Imaging-Guided Photodynamic Therapy. <b>2018</b> , 57, 14594-14602	14
1634	Solving the oxygen sensitivity of sensitized photon upconversion in life science applications. <b>2018</b> , 2, 437-452	56
1633	Simultaneous Increase in Brightness and Singlet Oxygen Generation of an Organic Photosensitizer by Nanocrystallization. <b>2018</b> , 14, e1803325	21
1632	A biomimetic nanoreactor for synergistic chemiexcited photodynamic therapy and starvation therapy against tumor metastasis. <b>2018</b> , 9, 5044	271
1631	Cancer Treatment through Nanoparticle-Facilitated Fenton Reaction. 2018, 12, 11819-11837	299
1630	A high therapeutic efficacy of polymeric prodrug nano-assembly for a combination of photodynamic therapy and chemotherapy. <b>2018</b> , 1, 202	61
1629	Photodynamic therapy: Toward a systemic computational model. <b>2018</b> , 189, 201-213	3
1628	Surfactant-Free Direct Access to Porphyrin-Cross-Linked Nanogels for Photodynamic and Photothermal Therapy. <b>2018</b> , 29, 4149-4159	11

1627	Novel pH-sensitive zinc phthalocyanine assembled with albumin for tumor targeting and treatment. <b>2018</b> , 13, 7681-7695	16
1626	Functional Polymer Nanocarriers for Photodynamic Therapy. <b>2018</b> , 11,	25
1625	Precise nanomedicine for intelligent therapy of cancer. <b>2018</b> , 61, 1503-1552	256
1624	An injectable dipeptide-fullerene supramolecular hydrogel for photodynamic antibacterial therapy. <b>2018</b> , 6, 7335-7342	67
1623	Mesenchymal stem cell-driven activatable photosensitizers for precision photodynamic oncotherapy. <b>2018</b> , 187, 18-26	24
1622	Gd-Ion-induced carbon-dots self-assembly aggregates loaded with a photosensitizer for enhanced fluorescence/MRI dual imaging and antitumor therapy. <b>2018</b> , 10, 19052-19063	39
1621	Revisiting Current Photoactive Materials for Antimicrobial Photodynamic Therapy. 2018, 23,	99
1620	Exogenous imaging contrast and therapeutic agents for intravascular photoacoustic imaging and image-guided therapy. <b>2018</b> , 63, 22TR01	13
1619	The influenza chronicles: From the 1918 pandemic to current understanding of host defense mechanisms. <b>2018</b> , 41, 211-214	
1618	Mn-Fe layered double hydroxide nanosheets: a new photothermal nanocarrier for O-evolving phototherapy. <b>2018</b> , 54, 11729-11732	30
1617	Photo-Enhanced Singlet Oxygen Generation of Prussian Blue-Based Nanocatalyst for Augmented Photodynamic Therapy. <b>2018</b> , 9, 14-26	27
1616	A facile synthesis of formazan dyes conjugated with plasmonic nanoparticles as photosensitizers in photodynamic therapy against leukemia cell line. <b>2018</b> , 149, 2195-2206	9
1615	Construction and Characterization of Phthalocyanine-Loaded Particles of Curdlan and Their Photosensitivity. <b>2018</b> , 19,	2
1614	Large-Pore Mesoporous-Silica-Coated Upconversion Nanoparticles as Multifunctional Immunoadjuvants with Ultrahigh Photosensitizer and Antigen Loading Efficiency for Improved Cancer Photodynamic Immunotherapy. <b>2018</b> , 30, e1802479	176
1613	Molecular fingerprinting of nanoparticles in complex media with non-contact photoacoustics: beyond the light scattering limit. <b>2018</b> , 8, 14425	2
1612	New Combination/Application of Polymer-Based Nanoparticles for Biomedical Engineering. <b>2018</b> , 1078, 271-290	3
1611	Magnetic Targeting of Nanotheranostics Enhances Cerenkov Radiation-Induced Photodynamic Therapy. <b>2018</b> , 140, 14971-14979	99
1610	A discrete organoplatinum(II) metallacage as a multimodality theranostic platform for cancer photochemotherapy. <b>2018</b> , 9, 4335	118

1609	Selective Photokilling of Human Pancreatic Cancer Cells Using Cetuximab-Targeted Mesoporous Silica Nanoparticles for Delivery of Zinc Phthalocyanine. <b>2018</b> , 23,	24
1608	De Novo Design of Phototheranostic Sensitizers Based on Structure-Inherent Targeting for Enhanced Cancer Ablation. <b>2018</b> , 140, 15820-15826	113
1607	Hollow Pd Nanospheres Conjugated with Ce6 To Simultaneously Realize Photodynamic and Photothermal Therapy <b>2018</b> , 1, 1102-1108	9
1606	Light-stimulus Dual-drug Responsive Nanoparticles for Photoactivated Therapy Using Mesoporous Silica Nanospheres. <b>2018</b> , 34, 676-683	5
1605	Photosensitizer and Autophagy Promoter Coloaded ROS-Responsive Dendrimer-Assembled Carrier for Synergistic Enhancement of Tumor Growth Suppression. <b>2018</b> , 14, e1802337	29
1604	In Vivo Early Tumor Detection and Diagnosis by Infrared Luminescence Transient Nanothermometry. <b>2018</b> , 28, 1803924	54
1603	Light-activatable Chlorin e6 (Ce6)-imbedded erythrocyte membrane vesicles camouflaged Prussian blue nanoparticles for synergistic photothermal and photodynamic therapies of cancer. <b>2018</b> , 6, 2881-2895	41
1602	Synthesis and in vitro photobiological studies of porphyrin capped gold nanoparticles( $^{S}$ ). <b>2018</b> , 130, 1	1
1601	Recent progress in the engineering of multifunctional colloidal nanoparticles for enhanced photodynamic therapy and bioimaging. <b>2018</b> , 261, 62-81	47
1600	Improved Fenton Therapy Using Cancer Cell Hydrogen Peroxide. <b>2018</b> , 71, 826	12
1599	AGuIX from bench to bedside-Transfer of an ultrasmall theranostic gadolinium-based nanoparticle to clinical medicine. <b>2019</b> , 92, 20180365	60
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1597	Light-activatable dual-source ROS-responsive prodrug nanoplatform for synergistic chemo-photodynamic therapy. <b>2018</b> , 6, 2965-2975	43
1596	Nanosized vehicles for delivery of photosensitizers in photodynamic diagnosis and therapy of cancer. <b>2018</b> , 87, 859-881	24
1595	Current Applications of Gold Nanoparticles for Medical Imaging and as Treatment Agents for Managing Pancreatic Cancer. <b>2018</b> , 26, 955-964	27
1594	Evaluating Nanoshells and a Potent Biladiene Photosensitizer for Dual Photothermal and Photodynamic Therapy of Triple Negative Breast Cancer Cells. <b>2018</b> , 8,	18
1593	Recent Advances in Functional-Polymer-Decorated Transition-Metal Nanomaterials for Bioimaging and Cancer Therapy. <b>2018</b> , 13, 2134-2149	14
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1556	Shaping Rolling Circle Amplification Products into DNA Nanoparticles by Incorporation of Modified Nucleotides and Their Application to In Vitro and In Vivo Delivery of a Photosensitizer. <b>2018</b> , 23,	8

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1553	A Reconstruction Method for the Estimation of Temperatures of Multiple Sources Applied for Nanoparticle-Mediated Hyperthermia. <b>2018</b> , 23,	4
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1547	Diiodo-Bodipy-Encapsulated Nanoscale Metal-Organic Framework for pH-Driven Selective and Mitochondria Targeted Photodynamic Therapy. <b>2018</b> , 57, 10137-10145	40
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1536	Through Scalp and Skull NIR-II Photothermal Therapy of Deep Orthotopic Brain Tumors with Precise Photoacoustic Imaging Guidance. <b>2018</b> , 30, e1802591	235
1535	Photodynamic therapy in hypoxia: Near-infrared-sensitive, self-supported, oxygen generation nano-platform enabled by upconverting nanoparticles. <b>2018</b> , 352, 818-827	27
1534	Hybrid Liquid Crystal Nanocarriers for Enhanced Zinc Phthalocyanine-Mediated Photodynamic Therapy. <b>2018</b> , 29, 2701-2714	11
1533	Responsive Assembly of Upconversion Nanoparticles for pH-Activated and Near-Infrared-Triggered Photodynamic Therapy of Deep Tumors. <b>2018</b> , 30, e1802808	141
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1528	Fluorescence Resonance Energy Transfer Based Highly Efficient Theranostic Nanoplatform for Two-Photon Bioimaging and Two-Photon Excited Photodynamic Therapy of Multiple Drug Resistance Bacteria <b>2018</b> , 1, 298-309	24
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1526	Nanoformulation of metal complexes: Intelligent stimuli-responsive platforms for precision therapeutics. <b>2018</b> , 11, 5474-5498	13
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1523	Synthesis of carbon dots from Hypocrella bambusae for bimodel fluorescence/photoacoustic imaging-guided synergistic photodynamic/photothermal therapy of cancer. <b>2018</b> , 526, 302-311	62
1522	Engineering of tungsten carbide nanoparticles for imaging-guided single 1,064 nm laser-activated dual-type photodynamic and photothermal therapy of cancer. <b>2018</b> , 11, 4859-4873	31
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1518	Dye-Anchored MnO Nanoparticles Targeting Tumor and Inducing Enhanced Phototherapy Effect via Mitochondria-Mediated Pathway. <b>2018</b> , 14, e1801008	38
1517	Smart Peptide-Based Supramolecular Photodynamic Metallo-Nanodrugs Designed by Multicomponent Coordination Self-Assembly. <b>2018</b> , 140, 10794-10802	266
1516	Biomineralized Enzyme-Like Cobalt Sulfide Nanodots for Synergetic Phototherapy with Tumor Multimodal Imaging Navigation. <b>2018</b> , 6, 12061-12069	23
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1513	Red-Light-Controlled Release of Drug <b>R</b> u Complex Conjugates from Metallopolymer Micelles for Phototherapy in Hypoxic Tumor Environments. <b>2018</b> , 28, 1804227	56
1512	Reactive Oxygen Species-Responsive Nanoparticles Based on PEGlated Prodrug for Targeted Treatment of Oral Tongue Squamous Cell Carcinoma by Combining Photodynamic Therapy and Chemotherapy. <b>2018</b> , 10, 29260-29272	48
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1508	Seeing, Targeting and Delivering with Upconverting Nanoparticles. <b>2018</b> , 140, 10923-10931	73
1507	Fused Carbazole-Based Dyads: Synthesis, Solvatochromism and Sensing Properties. <b>2018</b> , 7, 2223-2227	5
1506	All-active antitumor micelles via triggered lipid peroxidation. <b>2018</b> , 286, 381-393	19
1505	Luminescent supramolecular polymer nanoparticles for ratiometric hypoxia sensing, imaging and therapy. <b>2018</b> , 2, 1893-1899	28
1502	Polymer ligand-assisted fabrication of multifunctional and redox-responsive self-assembled magnetic nanoclusters for bimodal imaging and cancer treatment. <b>2018</b> , 6, 5562-5569	10
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1498	Improved photodynamic efficacy of thiophenyl sulfonated zinc phthalocyanine loaded in lipid nano-carriers for hepatocellular carcinoma cancer cells. <b>2018</b> , 23, 25-31	13
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1487	One-step synthesis of cyclic compounds towards easy room-temperature phosphorescence and deep blue thermally activated delayed fluorescence. <b>2018</b> , 54, 7850-7853	25
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1485	Nanoparticle-Mediated Immunogenic Cell Death Enables and Potentiates Cancer Immunotherapy. <b>2019</b> , 58, 670-680	341
1484	Recent progress of functionalised graphene oxide in cancer therapy. <b>2019</b> , 27, 125-144	19

1483	Oxygen seir-surricient Nik-activatable liposomes for tumor hypoxia regulation and photodynamic therapy. <b>2019</b> , 10, 9091-9098	49
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1475	Plasmonic Nanohybrid with High Photothermal Conversion Efficiency for Simultaneously Effective Antibacterial/Anticancer Photothermal Therapy <b>2019</b> , 2, 3942-3953	23
1474	Magnetic Reactive Oxygen Species Nanoreactor for Switchable Magnetic Resonance Imaging Guided Cancer Therapy Based on pH-Sensitive FeC@FeO Nanoparticles. <b>2019</b> , 13, 10002-10014	82
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1472	A Biocompatible Free Radical Nanogenerator with Real-Time Monitoring Capability for High Performance Sequential Hypoxic Tumor Therapy. <b>2019</b> , 29, 1903436	56
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1469	NIR-guided dendritic nanoplatform for improving antitumor efficacy by combining chemo-phototherapy. <b>2019</b> , 14, 4931-4947	19
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1457	Methylthio BODIPY as a standard triplet photosensitizer for singlet oxygen production: a photophysical study. <b>2019</b> , 21, 20403-20414	13
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1454	Drug delivery micelles with efficient near-infrared photosensitizer for combined image-guided photodynamic therapy and chemotherapy of drug-resistant cancer. <b>2019</b> , 218, 119330	78
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1450	A chloroplast-inspired nanoplatform for targeting cancer and synergistic photodynamic/photothermal therapy. <b>2019</b> , 7, 3886-3897	12
1449	Harnessing combinational phototherapy via post-synthetic PpIX conjugation on nanoscale metal-organic frameworks. <b>2019</b> , 7, 4763-4770	5
1448	Evaluation of photodynamic therapy and nuclear imaging potential of subphthalocyanine integrated TiO2 nanoparticles in mammary and cervical tumor cells. <b>2019</b> , 23, 908-915	7

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1446	Magnetic and Photocatalytic Curcumin Bound Carbon Nitride Nanohybrids for Enhanced Glioma Cell Death. <b>2019</b> , 5, 6590-6601	8
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1439	Manganese-Based Nanoplatform As Metal Ion-Enhanced ROS Generator for Combined Chemodynamic/Photodynamic Therapy. <b>2019</b> , 11, 41140-41147	45
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689	Tailoring photosensitive ROS for advanced photodynamic therapy. <b>2021</b> , 53, 495-504	18
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124	A Multifunctional Nanocatalytic System Based on Chemodynamic-Starvation Therapies with Enhanced Efficacy of Cancer Treatment. <b>2022</b> ,	O
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