

CITATION REPORT

List of articles citing

Photodynamic therapy of cancer: an update

DOI: 10.3322/caac.20114

Ca-A Cancer Journal for Clinicians, 2011, 61, 250-81.

Source: <https://exaly.com/paper-pdf/51146001/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2263	5-ALA-PDT induces RIP3-dependent necrosis in glioblastoma. 2011 , 10, 1868-78		48
2262	Photodynamic therapy with fullerenes in vivo: reality or a dream?. 2011 , 6, 1813-25		171
2261	Cell-type selective phototoxicity achieved with chlorophyll-a derived photosensitizers in a co-culture system of primary human tumor and normal lung cells. 2011 , 87, 1405-18		24
2260	Involvement of damage-associated molecular patterns in tumor response to photodynamic therapy: surface expression of calreticulin and high-mobility group box-1 release. 2011 , 60, 1431-7		73
2259	IL-6 potentiates tumor resistance to photodynamic therapy (PDT). 2011 , 43, 676-85		20
2258	Tumor response to mTHPC-mediated photodynamic therapy exhibits strong correlation with extracellular release of HSP70. 2011 , 43, 632-43		22
2257	New Monte Carlo model of cylindrical diffusing fibers illustrates axially heterogeneous fluorescence detection: simulation and experimental validation. 2011 , 16, 085003		17
2256	Contribution of ER Stress to Immunogenic Cancer Cell Death. 2012 , 413-428		1
2255	COMPARISON OF AMINOLEVULINIC ACID AND ITS METHYL ESTER MEDIATED PHOTOCYTOTOXICITY ON HUMAN NASOPHARYNGEAL CARCINOMA CELLS. 2012 , 05, 1250007		1
2254	Enhanced antitumor effects of BPD-MA-mediated photodynamic therapy combined with adriamycin on breast cancer in mice. 2012 , 33, 1319-24		15
2253	Sm ³⁺ -doped germanate glass channel waveguide as light source for minimally invasive photodynamic therapy surgery. 2012 , 20, 879-89		53
2252	Transglutaminase 2 promotes both caspase-dependent and caspase-independent apoptotic cell death via the calpain/Bax protein signaling pathway. 2012 , 287, 14377-88		30
2251	meso-5,10,15,20-Tetra-kis(4-hydroxy-3-methoxyphenyl)porphyrin propionic acid monosolvate. 2012 , 68, 02797-8		2
2250	Light-Emitting Diode-Based Illumination System for In Vitro Photodynamic Therapy. 2012 , 2012, 1-6		11
2249	ATG7 deficiency suppresses apoptosis and cell death induced by lysosomal photodamage. 2012 , 8, 1333-41		79
2248	Optical property measurements establish the feasibility of photodynamic therapy as a minimally invasive intervention for tumors of the kidney. 2012 , 17, 98002-1		14
2247	Comparison of the uptake of 5-aminolevulinic acid and its methyl ester in keratinocytes and skin. 2012 , 385, 969-79		18

2246	Photodynamic therapy-generated cancer vaccine elicits acute phase and hormonal response in treated mice. 2012 , 61, 1387-94	19
2245	A novel pathway combining calreticulin exposure and ATP secretion in immunogenic cancer cell death. 2012 , 31, 1062-79	474
2244	The effect of the number of carbohydrate moieties on the azaphthalocyanine properties. 2012 , 41, 10596-604	10
2243	Evaluation of perylenediimide derivatives for potential therapeutic benefits on cancer chemotherapy. 2012 , 80, 675-81	4
2242	Photo-killing mechanism of 2-demethoxy-2,3-ethylenediamino hypocrellin B (EDAHB) to HeLa cells. 2012 , 117, 47-54	6
2241	Durch rotes Licht aktivierbare multifunktionelle Agentien für die photodynamische Therapie. 2012 , 124, 11584-11586	18
2240	Designing red-light-activated multifunctional agents for the photodynamic therapy. 2012 , 51, 11420-2	99
2239	Stable synthetic bacteriochlorins for photodynamic therapy: role of dicyano peripheral groups, central metal substitution (2H, Zn, Pd), and Cremophor EL delivery. 2012 , 7, 2155-67	44
2238	Synthesis and antibacterial activity of novel cationic BODIPY photosensitizers. 2012 , 114, 44-51	89
2237	Photo-inducible cell ablation in <i>Caenorhabditis elegans</i> using the genetically encoded singlet oxygen generating protein miniSOG. 2012 , 109, 7499-504	148
2236	Monitoring ceramide and sphingosine-1-phosphate levels in cancer cells and macrophages from tumours treated by photodynamic therapy. 2012 , 11, 779-84	5
2235	Metal to ligand charge transfer induced DNA photobinding in a Ru(II)-Pt(II) supramolecule using red light in the therapeutic window: a new mechanism for DNA modification. 2012 , 48, 67-9	87
2234	Lanthanide-doped upconverting phosphors for bioassay and therapy. 2012 , 4, 6692-706	48
2233	PERK is required at the ER-mitochondrial contact sites to convey apoptosis after ROS-based ER stress. 2012 , 19, 1880-91	468
2232	Blebbistatin, a myosin inhibitor, is phototoxic to human cancer cells under exposure to blue light. 2012 , 1820, 870-7	29
2231	Graphene quantum dots as autophagy-inducing photodynamic agents. 2012 , 33, 7084-92	309
2230	Photodynamic Therapy for Cancer and for Infections: What Is the Difference?. 2012 , 52, 691-705	66
2229	Label-Free, Longitudinal Visualization of PDT Response In Vitro with Optical Coherence Tomography. 2012 , 52, 728-744	15

2228	Photoimmunotherapy and irradiance modulation reduce chemotherapy cycles and toxicity in a murine model for ovarian carcinomatosis: perspective and results. 2012 , 52, 776-787	23
2227	Glycophthalocyanines as photosensitizers for triggering mitotic catastrophe and apoptosis in cancer cells. 2012 , 25, 940-51	41
2226	Temporary regression of locally invasive polypoid rhinosinusitis in a dog after photodynamic therapy. 2012 , 90, 442-7	4
2225	Photodynamic therapy induces an immune response against a bacterial pathogen. 2012 , 8, 479-94	30
2224	Photocaged permeability: a new strategy for controlled drug release. 2012 , 48, 4755-7	36
2223	Recent advances in various emerging vesicular systems: An overview. 2012 , 2, S1176-S1188	21
2222	Effects of light irradiation upon photodynamic therapy based on 5-aminolevulinic acid-gold nanoparticle conjugates in K562 cells via singlet oxygen generation. 2012 , 7, 5029-38	31
2221	New insights into the mechanisms for photodynamic therapy-induced cancer cell death. 2012 , 295, 139-74	90
2220	Cellular and vascular effects of the photodynamic agent temocene are modulated by the delivery vehicle. 2012 , 162, 355-63	26
2219	Photochemical internalization (PCI) of HER2-targeted toxins: synergy is dependent on the treatment sequence. 2012 , 1820, 1849-58	29
2218	Biomodulatory approaches to photodynamic therapy for solid tumors. 2012 , 326, 8-16	110
2217	Amphiphilic meso(sulfonate ester fluoroaryl)porphyrins: refining the substituents of porphyrin derivatives for phototherapy and diagnostics. 2012 , 68, 8767-8772	39
2216	A new, bioactive structural motif: Visible light induced DNA photobinding and oxygen independent photocleavage by RuII, RhIII bimetallics. 2012 , 116, 135-9	20
2215	Combined chemotherapy and ALA-based photodynamic therapy in leukemic murine cells. 2012 , 36, 1179-84	26
2214	Spatiotemporal autophagic degradation of oxidatively damaged organelles after photodynamic stress is amplified by mitochondrial reactive oxygen species. 2012 , 8, 1312-24	51
2213	Interleukin-1 β is the major alarmin of lung epithelial cells released during photodynamic therapy to induce inflammatory mediators in fibroblasts. 2012 , 107, 1534-46	27
2212	Endoscopic ultrasonography-guided tumor ablation. 2012 , 22, 359-69, xi	29
2211	Photofunctional triplet excited states of cyclometalated Ir(III) complexes: beyond electroluminescence. 2012 , 41, 7061-84	505

2210	Porphyrins as theranostic agents from prehistoric to modern times. 2012 , 2, 905-15	108
2209	Confocal fluorescence imaging enables noninvasive quantitative assessment of host cell populations in vivo following photodynamic therapy. 2012 , 2, 840-9	11
2208	Optical nanomanipulations of malignant cells: controlled cell damage and fusion. 2012 , 8, 1732-9	31
2207	A uniform sub-50 nm-sized magnetic/upconversion fluorescent bimodal imaging agent capable of generating singlet oxygen by using a 980 nm laser. 2012 , 18, 7082-90	132
2206	The effects of ultrasound and light on indocyanine-green-treated tumour cells and tissues. 2012 , 7, 1465-71	60
2205	Antitumor efficacy of photodynamic therapy using novel nanoformulations of hypocrellin photosensitizer SL052. 2012 , 88, 188-93	9
2204	Selective partitioning of cholesterol and a model drug into liposomes of varying size. 2012 , 165, 520-9	26
2203	Combined effects of singlet oxygen and hydroxyl radical in photodynamic therapy with photostable bacteriochlorins: evidence from intracellular fluorescence and increased photodynamic efficacy in vitro. 2012 , 52, 1188-200	70
2202	New highly soluble phenoxy-substituted phthalocyanine and azaphthalocyanine derivatives: Synthesis, photochemical and photophysical studies and atypical aggregation behavior. 2012 , 95, 351-357	38
2201	Angiogenesis inhibition for the improvement of photodynamic therapy: the revival of a promising idea. 2012 , 1826, 53-70	25
2200	Treatment of HPV infection-associated cervical condylomata acuminata with 5-aminolevulinic acid-mediated photodynamic therapy. 2012 , 88, 565-9	29
2199	mTHPC-mediated photodynamic therapy is effective in the metastatic human 143B osteosarcoma cells. 2012 , 88, 721-7	20
2198	Mechanism and efficiency of cell death of type II photosensitizers: effect of zinc chelation. 2012 , 88, 774-81	27
2197	Evaluation of diethyl-3-3'-(9,10-anthracenediyl)bis acrylate as a probe for singlet oxygen formation during photodynamic therapy. 2012 , 88, 717-20	18
2196	Antimicrobial photodynamic therapy and photodynamic inactivation, or killing bugs with dyes and light--a symposium-in-print. 2012 , 88, 496-8	8
2195	Modeling of oxygen transport and cell killing in type-II photodynamic therapy. 2012 , 88, 969-77	6
2194	Combination of phosphatidylinositol 3-kinases pathway inhibitor and photodynamic therapy in endothelial and tumor cells. 2012 , 88, 1265-72	15
2193	Interaction of liposomal formulations of meta-tetra(hydroxyphenyl)chlorin (temoporfin) with serum proteins: protein binding and liposome destruction. 2012 , 88, 1256-64	56

2192	Biodistribution and pharmacokinetic studies of a porphyrin dimer photosensitizer (Oxdime) by fluorescence imaging and spectroscopy in mice bearing xenograft tumors. 2012 , 88, 1531-8	6
2191	ROS-mediated killing efficiency with visible light of bacteria carrying different red fluorochrome proteins. 2012 , 109, 28-33	24
2190	Terapia fotodinámica antimicrobiana en dermatología. 2012 , 27, 274-282	4
2189	Strongly amphiphilic photosensitizers are not substrates of the cancer stem cell marker ABCG2 and provides specific and efficient light-triggered drug delivery of an EGFR-targeted cytotoxic drug. 2012 , 159, 197-203	45
2188	Hypericin-based photodynamic therapy induces surface exposure of damage-associated molecular patterns like HSP70 and calreticulin. 2012 , 61, 215-221	194
2187	The PDT activity of free and pegylated pheophorbide a against an amelanotic melanoma transplanted in C57/BL6 mice. 2013 , 31, 192-9	23
2186	Electric field-assisted delivery of photofrin to human breast carcinoma cells. 2013 , 246, 725-35	22
2185	Modifications of microvascular EC surface modulate phototoxicity of a porphycene anti-ICAM-1 immunoconjugate; therapeutic implications. 2013 , 29, 9734-43	10
2184	Ultrasound enhances the efficacy of chlorin E6-mediated photodynamic therapy in MDA-MB-231 cells. 2013 , 39, 1713-24	39
2183	Photodynamic therapeutic effect of indocyanine green entrapped in polymeric nanoparticles and their anti-EGFR-conjugate in skin cancer in CD1 mice. 2013 , 10, 446-59	23
2182	Visible light responsive anticancer treatment with an amsacrine-loaded mesoporous silica-based nanodevice. 2013 , 3, 19388	15
2181	Ferritin nanocages to encapsulate and deliver photosensitizers for efficient photodynamic therapy against cancer. 2013 , 7, 6988-96	220
2180	Ultrastructural detection of photosensitizing molecules by fluorescence photoconversion of diaminobenzidine. 2013 , 139, 863-71	9
2179	Vehiculization determines the endocytic internalization mechanism of Zn(II)-phthalocyanine. 2013 , 139, 149-60	17
2178	Differentiation of tumor sensitivity to photodynamic therapy and early evaluation of treatment effect by nuclear medicine techniques. 2013 , 27, 669-75	4
2177	Water-soluble non-aggregating zinc phthalocyanine and in vitro studies for photodynamic therapy. 2013 , 49, 11149-51	110
2176	SINGLET OXYGEN DETECTION DURING PHOTOSENSITIZATION. 2013 , 06, 1330002	14
2175	Liposomal temocene (m-THPPo) photodynamic treatment induces cell death by mitochondria-independent apoptosis. 2013 , 1830, 4611-20	16

2174	Photodynamic therapy for cholangiocarcinoma using low dose mTHPC (Foscan(®)). 2013 , 10, 220-8	21
2173	Synthesis, spectroscopic properties, and photoinduced CO-release studies of functionalized ruthenium(II) polypyridyl complexes: versatile building blocks for development of CORM-peptide nucleic acid bioconjugates. 2013 , 52, 9297-308	62
2172	Conjunction of glutathione level, NAD(P)H/FAD redox status and hypericin content as a potential factor affecting colon cancer cell resistance to photodynamic therapy with hypericin. 2013 , 10, 470-83	16
2171	LED-activated methylene blue-loaded Pluronic-nanogold hybrids for in vitro photodynamic therapy. 2013 , 6, 950-9	12
2170	Photodynamic treatment of oral squamous cell carcinoma in hamster cheek pouch model using chlorin p6-histamine conjugate. 2013 , 10, 79-86	18
2169	Photodynamic therapy: occupational hazards and preventative recommendations for clinical administration by healthcare providers. 2013 , 31, 398-407	17
2168	Theoretical investigation of porphyrin-based photosensitizers with enhanced NIR absorption. 2013 , 15, 19651-8	7
2167	A new nanoconstruct for epidermal growth factor receptor-targeted photo-immunotherapy of ovarian cancer. 2013 , 9, 1114-22	51
2166	Differential sensitivity in cell lines to photodynamic therapy in combination with ABCG2 inhibition. 2013 , 126, 87-96	28
2165	Multiplexed in vivo fluorescence optical imaging of the therapeutic efficacy of photodynamic therapy. 2013 , 34, 10075-83	16
2164	X-ray-Induced Singlet Oxygen Activation with Nanoscintillator-Coupled Porphyrins. 2013 , 117, 21583-21589	102
2163	Photodynamic therapy for intractable bronchial lung cancer. 2013 , 10, 672-6	23
2162	Photodynamic therapy in treatment of cutaneous and choroidal melanoma. 2013 , 10, 503-9	37
2161	Determination of optical properties by interstitial white light spectroscopy using a custom fiber optic probe. 2013 , 18, 107007	10
2160	Supramolecular assemblies based on complexes of nonionic amphiphilic cyclodextrins and a meso-tetra(4-sulfonatophenyl)porphine tributyltin(IV) derivative: potential nanotherapeutics against melanoma. 2013 , 14, 3820-9	30
2159	Cyanines in photodynamic reaction assisted by reversible electroporation--in vitro study on human breast carcinoma cells. 2013 , 10, 490-502	11
2158	Mitochondria-targeting oxidovanadium(IV) complex as a near-IR light photocytotoxic agent. 2013 , 19, 17445-55	38
2157	Photophysical properties and electronic structure of bacteriochlorin-chalcones with extended near-infrared absorption. 2013 , 89, 586-604	19

2156	EUS-guided interventional management of pancreatic tumor. 2013 , 2, 17-23	
2155	Intracranial Photodynamic Therapy. 2013 , 207-233	
2154	A multifunctional theranostic platform based on phthalocyanine-loaded dendrimer for image-guided drug delivery and photodynamic therapy. 2013 , 10, 3946-58	116
2153	Melanoma resistance to photodynamic therapy: new insights. 2013 , 394, 239-50	84
2152	Photodynamic therapy plus regulatory T-cell depletion produces immunity against a mouse tumour that expresses a self-antigen. 2013 , 109, 2167-74	39
2151	Naphthoxazole-based singlet oxygen fluorescent probes. 2013 , 89, 1427-32	23
2150	PDT-induced HSP70 externalization up-regulates NO production via TLR2 signal pathway in macrophages. 2013 , 587, 128-35	21
2149	Sustained ERK [corrected] inhibition by EGFR targeting therapies is a predictive factor for synergistic cytotoxicity with PDT as neoadjuvant therapy. 2013 , 1830, 2659-70	27
2148	Photoinduced electron-transfer mechanisms for radical-enhanced photodynamic therapy mediated by water-soluble decacationic C ₆₀ and C ₇₀ Fullerene Derivatives. 2013 , 9, 570-9	30
2147	Photodynamic mechanisms induced by a combination of hypericin and a chlorin based-photosensitizer in head and neck squamous cell carcinoma cells. 2013 , 89, 150-62	17
2146	Red-Light-Induced Inhibition of DNA Replication and Amplification by PCR with an Os/Rh Supramolecule. 2013 , 125, 1300-1303	8
2145	Red-light-induced inhibition of DNA replication and amplification by PCR with an Os/Rh supramolecule. 2013 , 52, 1262-5	20
2144	Cationic ceramides and analogues, LCL30 and LCL85, as adjuvants to photodynamic therapy of tumors. 2013 , 126, 72-7	8
2143	Gelled oil particles: a new approach to encapsulate a hydrophobic metallophthalocyanine. 2013 , 401, 155-60	19
2142	The effect of Radachlorin on PDT in advanced NSCLC: a pilot study. 2013 , 10, 120-6	24
2141	Nitrosylhemoglobin in photodynamically stressed human tumors growing in nude mice. 2013 , 35, 79-88	11
2140	Using photoreactivity studies to provide insight into the photosafety of pharmaceutical therapies. 2013 , 49, 100-107	4
2139	Effects of 5-aminolevulinic acid-mediated photodynamic therapy on antibiotic-resistant staphylococcal biofilm: an in vitro study. 2013 , 184, 1013-21	56

2138	Low-dose arsenic trioxide enhances 5-aminolevulinic acid-induced PpIX accumulation and efficacy of photodynamic therapy in human glioma. 2013 , 127, 61-7	8
2137	Therapeutic enhancement of vascular-targeted photodynamic therapy by inhibiting proteasomal function. 2013 , 339, 128-34	16
2136	Protoporphyrin IX- β -cyclodextrin bimodal conjugate: nanosized drug transporter and potent phototoxin. 2013 , 89, 1011-9	14
2135	Nanoparticle-Based Drug Delivery for Therapy of Lung Cancer: Progress and Challenges. 2013 , 2013, 1-11	86
2134	Circumvention of resistance to photodynamic therapy in doxorubicin-resistant sarcoma by photochemical internalization of gelonin. 2013 , 65, 1300-1309	21
2133	Pu-18--butylimide-NMGA-GNP conjugate is effective against hepatocellular carcinoma. 2013 , 2, 106-111	6
2132	FosPeg β PDT alters the EBV miRNAs and LMP1 protein expression in EBV positive nasopharyngeal carcinoma cells. 2013 , 127, 114-22	10
2131	Comprehensive analysis of alterations in the miRNome in response to photodynamic treatment. 2013 , 120, 74-81	23
2130	The photosensitizer disulfonated aluminum phthalocyanine reduces uptake and alters trafficking of fluid phase endocytosed drugs in vascular endothelial cells--impact on efficacy of photochemical internalization. 2013 , 86, 748-58	9
2129	Eu ³⁺ and Sm ³⁺ co-activated aluminum germanate glass channel waveguide as irradiation source for photodynamic therapy. 2013 , 137, 77-82	8
2128	Efficiency of 5-ALA mediated photodynamic therapy on hypoxic prostate cancer: a preclinical study on the Dunning R3327-AT2 rat tumor model. 2013 , 10, 296-303	15
2127	Development, characterization, and photocytotoxicity assessment on human melanoma of chloroaluminum phthalocyanine nanocapsules. 2013 , 33, 1744-52	48
2126	Toward a 3D cellular model for studying in vitro the outcome of photodynamic treatments: accounting for the effects of tissue complexity. 2013 , 19, 1665-74	29
2125	PDT dose parameters impact tumoricidal durability and cell death pathways in a 3D ovarian cancer model. 2013 , 89, 942-52	55
2124	2-Bromo-5-hydroxyphenylporphyrins for photodynamic therapy: photosensitization efficiency, subcellular localization and in vivo studies. 2013 , 10, 51-61	16
2123	Biodegradable core-shell nanoassemblies for the delivery of docetaxel and Zn(II)-phthalocyanine inspired by combination therapy for cancer. 2013 , 167, 40-52	93
2122	Upregulation of genes for C-reactive protein and related pentraxin/complement proteins in photodynamic therapy-treated human tumor cells: enrolment of PI3K/Akt and AP-1. 2013 , 218, 869-74	11
2121	The Hippo pathway and human cancer. 2013 , 13, 246-57	1174

21120	Mesenchymal stem cells as delivery vehicle of porphyrin loaded nanoparticles: effective photoinduced in vitro killing of osteosarcoma. 2013 , 168, 225-37	64
21119	Folate-targeted PEGylated liposomes improve the selectivity of PDT with meta-tetra(hydroxyphenyl)chlorin (m-THPC). 2013 , 12, 823-34	42
21118	Inducers of immunogenic cancer cell death. 2013 , 24, 319-33	154
21117	Direct and indirect photodynamic therapy effects on the cellular and molecular components of the tumor microenvironment. 2013 , 1835, 36-45	43
21116	Synthesis and evaluation of cationic bacteriochlorin amphiphiles with effective photodynamic activity against cancer cells at low nanomolar concentration. 2013 , 17, 73-85	16
21115	Transfer of a lipophilic drug (temoporfin) between small unilamellar liposomes and human plasma proteins: influence of membrane composition on vesicle integrity and release characteristics. 2013 , 23, 154-65	17
21114	Enhanced apoptotic effects by downregulating Mcl-1: evidence for the improvement of photodynamic therapy with Celecoxib. 2013 , 319, 1491-504	15
21113	Molecular electronic tuning of photosensitizers to enhance photodynamic therapy: synthetic dicyanobacteriochlorins as a case study. 2013 , 89, 605-18	42
21112	DFT/TD-DFT study of solvent effect as well the substituents influence on the different features of TPP derivatives for PDT application. 2013 , 104, 315-27	14
21111	Nitric oxide-mediated activity in anti-cancer photodynamic therapy. 2013 , 30, 26-35	60
21110	Photodynamic therapy for hilar bile duct cancer: clinical evidence for improved tumoricidal tissue penetration by temoporfin. 2013 , 12, 1065-73	23
21109	Ecological photodynamic therapy: new trend to disrupt the intricate networks within tumor ecosystem. 2013 , 1835, 86-99	13
21108	Efficient induction of apoptosis in HeLa cells by a novel cationic porphycene photosensitizer. 2013 , 63, 401-14	23
21107	Zinc-pheophorbide a-highly efficient low-cost photosensitizer against human adenocarcinoma in cellular and animal models. 2013 , 10, 266-77	14
21106	Apoptosis in cancer cells induced by photodynamic treatment: a methodological approach. 2013 , 17, 197-209	8
21105	Photochemical internalization of CD133-targeting immunotoxins efficiently depletes sarcoma cells with stem-like properties and reduces tumorigenicity. 2013 , 1830, 4235-43	32
21104	Effects of the oxygenation level on formation of different reactive oxygen species during photodynamic therapy. 2013 , 89, 683-6	36
21103	Metallophthalocyanines for antimicrobial photodynamic therapy: an overview of our experience. 2013 , 17, 399-416	34

2102	Single continuous wave laser induced photodynamic/plasmonic photothermal therapy using photosensitizer-functionalized gold nanostars. 2013 , 25, 3055-61	404
2101	Antimicrobial strategies centered around reactive oxygen species--bactericidal antibiotics, photodynamic therapy, and beyond. 2013 , 37, 955-89	554
2100	Surgical Oncology. 2013 , 149-156	5
2099	Luminescence spectroscopy of singlet oxygen enables monitoring of oxygen consumption in biological systems consisting of fatty acids. 2013 , 15, 11386-93	5
2098	Magnetic mesoporous silica-based core/shell nanoparticles for biomedical applications. 2013 , 3, 9584	109
2097	Synergistic enhancement of antitumor effect of 5-Lapachone by photodynamic induction of quinone oxidoreductase (NQO1). 2013 , 20, 1007-12	37
2096	Tumor-Localized Insult Delivered by Photodynamic Therapy and the Breakdown of Tumor Immunotolerance. 2013 , 121-132	2
2095	Autophagy as new emerging cellular effect of nanomaterials. 2013 , 58, 4031-4038	16
2094	Plasma distribution of tetraphenylporphyrin derivatives relevant for Photodynamic Therapy: importance and limits of hydrophobicity. 2013 , 83, 244-52	16
2093	Synergic effect of photodynamic therapy using talaporfin sodium with conventional anticancer chemotherapy for the treatment of bile duct carcinoma. 2013 , 181, 234-41	20
2092	In vitro and in vivo clearance of Rose Bengal Acetate-PhotoDynamic Therapy-induced autophagic and apoptotic cells. 2013 , 238, 765-78	8
2091	BODIPY dyes in photodynamic therapy. 2013 , 42, 77-88	1400
2090	Parameter Determination for Singlet Oxygen Modeling of BPD-Mediated PDT. 2013 , 8568,	10
2089	Pr ³⁺ -doped heavy metal germanium tellurite glasses for irradiative light source in minimally invasive photodynamic therapy surgery. 2013 , 21, 1030-40	24
2088	Photosensitizer adhered to cell culture microplates induces phototoxicity in carcinoma cells. 2013 , 2013, 549498	3
2087	A comprehensive tutorial on in vitro characterization of new photosensitizers for photodynamic antitumor therapy and photodynamic inactivation of microorganisms. 2013 , 2013, 840417	39
2086	Killing effect of Ad5/F35-APE1 siRNA recombinant adenovirus in combination with hematoporphyrin derivative-mediated photodynamic therapy on human nonsmall cell lung cancer. 2013 , 2013, 957913	11
2085	Synthesis, bioanalysis and biodistribution of photosensitizer conjugates for photodynamic therapy. 2013 , 5, 1099-114	29

2084	Nanomaterials and autophagy: new insights in cancer treatment. 2013 , 5, 296-319	56
2083	The impact of sphingosine kinase-1 in head and neck cancer. 2013 , 3, 481-513	20
2082	Enzyme-activatable imaging probe reveals enhanced neutrophil elastase activity in tumors following photodynamic therapy. 2013 , 18, 101314	14
2081	Antibody-guided photoablation of voltage-gated potassium currents. 2013 , 142, 315-24	8
2080	Photodynamic therapy of murine mastocytoma induces specific immune responses against the cancer/testis antigen P1A. 2013 , 73, 6462-70	34
2079	Impact of treatment response metrics on photodynamic therapy planning and outcomes in a three-dimensional model of ovarian cancer. 2013 , 18, 098004	30
2078	IL-17 promotes neutrophil entry into tumor-draining lymph nodes following induction of sterile inflammation. 2013 , 191, 4348-57	50
2077	Antibody-Directed Phototherapy (ADP). 2013 , 2, 270-305	30
2076	Recent trends in multifunctional liposomal nanocarriers for enhanced tumor targeting. 2013 , 2013, 705265	149
2075	ROS-induced autophagy in cancer cells assists in evasion from determinants of immunogenic cell death. 2013 , 9, 1292-307	187
2074	GRP78-targeting subtilase cytotoxin sensitizes cancer cells to photodynamic therapy. 2013 , 4, e741	46
2073	Mitoferrin-2-dependent mitochondrial iron uptake sensitizes human head and neck squamous carcinoma cells to photodynamic therapy. 2013 , 288, 677-86	41
2072	Photodynamic therapy with 3-(1'-hexyloxyethyl) pyropheophorbide a for cancer of the oral cavity. 2013 , 19, 6605-13	54
2071	Enhanced Tumor Targeting and Photocytotoxicity of Folate-Poly(ethylene glycol)-Chlorin Photosensitizer Mediated by Folate Receptor. 2013 , 42, 130-131	4
2070	Low Frequency Ultrasonication Induced Antitumor Effect in 5-Aminolevulinic Acid Treated Malignant Glioma. 2013 , 04, 170-175	7
2069	Photodynamic therapy in combination with talaporfin sodium induces mitochondrial apoptotic cell death accompanied with necrosis in glioma cells. 2013 , 36, 215-21	30
2068	Polymeric nanoparticles enhance the sonodynamic activity of meso-tetrakis (4-sulfonatophenyl) porphyrin in an in vitro neuroblastoma model. 2013 , 8, 4247-63	26
2067	Photodynamic therapy with conventional and PEGylated liposomal formulations of mTHPC (temoporfin): comparison of treatment efficacy and distribution characteristics in vivo. 2013 , 8, 3817-31	49

2066	Increased killing of SCCVII squamous cell carcinoma cells after the combination of Pc 4 photodynamic therapy and dasatinib is associated with enhanced caspase-3 activity and ceramide synthase 1 upregulation. 2013 , 43, 2064-72	13
2065	5-aminolevulinic acid-incorporated nanoparticles of methoxy poly(ethylene glycol)-chitosan copolymer for photodynamic therapy. 2013 , 8, 809-19	43
2064	Effects of 5-aminolevulinic acid-mediated sonodynamic therapy on macrophages. 2013 , 8, 669-76	24
2063	Apoptosis of THP-1 macrophages induced by protoporphyrin IX-mediated sonodynamic therapy. 2013 , 8, 2239-46	35
2062	Genetically encoded immunophotosensitizer 4D5scFv-miniSOG is a highly selective agent for targeted photokilling of tumor cells in vitro. 2013 , 3, 831-40	64
2061	Efficient photodynamic therapy on human retinoblastoma cell lines. 2014 , 9, e87453	19
2060	Expression of murine 5-aminolevulinic acid synthase variants causes protoporphyrin IX accumulation and light-induced mammalian cell death. 2014 , 9, e93078	14
2059	Autofluorescence spectroscopy and imaging: a tool for biomedical research and diagnosis. 2014 , 58, 2461	254
2058	Regulated necrosis in HeLa cells induced by ZnPc photodynamic treatment: a new nuclear morphology. 2014 , 15, 22772-85	23
2057	Defensive mechanism in cholangiocarcinoma cells against oxidative stress induced by chlorin e6-based photodynamic therapy. 2014 , 8, 1451-62	4
2056	Polyacrylamide-based biocompatible Nanoplatform enhances the tumor uptake, PET/fluorescence imaging and anticancer activity of a chlorophyll analog. 2014 , 4, 614-28	24
2055	Immune response after photodynamic therapy increases anti-cancer and anti-bacterial effects. 2014 , 4, 1-11	99
2054	Photodynamic Techniques in Medicine. 2014 , 205-230	
2053	Gold nanorod-photosensitizer conjugate with extracellular pH-driven tumor targeting ability for photothermal/photodynamic therapy. 2014 , 7, 1291-1301	91
2052	Epigenetic remodeling combined with photodynamic therapy elicits anticancer immune responses. 2014 , 3, e28837	6
2051	Two combined photosensitizers: a goal for more effective photodynamic therapy of cancer. 2014 , 5, e1122	96
2050	Physical modalities inducing immunogenic tumor cell death for cancer immunotherapy. 2014 , 3, e968434	120
2049	Viral oncolysis - can insights from measles be transferred to canine distemper virus?. 2014 , 6, 2340-75	14

2048	MicroRNAs associated with the efficacy of photodynamic therapy in biliary tract cancer cell lines. 2014 , 15, 20134-57	16
2047	Multiorganelle Localization of Metallated Phthalocyanine Photosensitizer in Colorectal Cancer Cells (DLD-1 and CaCo-2) Enhances Efficacy of Photodynamic Therapy. 2014 , 2014, 1-10	20
2046	Functionalized fullerenes in photodynamic therapy. 2014 , 10, 1918-36	82
2045	Fundamental Studies of Photodynamic Therapy: Recent Advances in China. 2014 ,	
2044	Photodynamic therapy: one step ahead with self-assembled nanoparticles. 2014 , 10, 1937-52	57
2043	Potent and specific antitumor effect of CEA-targeted photoimmunotherapy. 2014 , 135, 2697-710	58
2042	Comparison of flat cleaved and cylindrical diffusing fibers as treatment sources for interstitial photodynamic therapy. 2014 , 41, 022701	22
2041	Low-dose angiostatic tyrosine kinase inhibitors improve photodynamic therapy for cancer: lack of vascular normalization. 2014 , 18, 480-91	40
2040	Photodynamic therapy for lung cancer and malignant pleural mesothelioma. 2014 , 41, 820-30	66
2039	Release of Bioactive Molecules Using Metal Complexes. 2014 , 309-339	8
2038	Combination of oral vitamin D3 with photodynamic therapy enhances tumor cell death in a murine model of cutaneous squamous cell carcinoma. 2014 , 90, 1126-35	26
2037	CpG oligodeoxynucleotide as immune adjuvant enhances photodynamic therapy response in murine metastatic breast cancer. 2014 , 7, 897-905	39
2036	Where do dyes go inside living cells? Predicting uptake, intracellular localisation, and accumulation using QSAR models. 2014 , 130, 155-173	7
2035	Nanoassembly of an amphiphilic cyclodextrin and Zn(II)-phthalocyanine with the potential for photodynamic therapy of cancer. 2014 , 4, 43903-43911	34
2034	[FR α target for prophylactic photodynamic therapy of ovarian peritoneal metastasis?]. 2014 , 101, 1109-13	4
2033	Differential protein expression associated with photodynamic therapy using chlorin e6. 2014 , 10, 423-431	8
2032	Role of nontoxic Clostridium novyi in solid tumor therapy. 2014 , 25, 71-76	3
2031	5-Aminolevulinic acid-based fluorescence diagnostics of cervical preinvasive changes. 2014 , 50, 137-43	6

2030	Hypericin-based Photodynamic Therapy Induces a Tumor-Specific Immune Response and an Effective DC-based cancer Immunotherapy. 2014,	14
2029	Photosensitizer loaded nano-graphene for multimodality imaging guided tumor photodynamic therapy. 2014, 4, 229-39	183
2028	Molecular Biological Mechanisms in Photodynamic Therapy. 2014, 59-66	
2027	Engineering of Mesoporous Silica Nanoparticles for In Vivo Cancer Imaging and Therapy. 2014, 611-640	3
2026	Molecular Mechanisms Underlying the Activation of Autophagy Pathways by Reactive Oxygen Species and their Relevance in Cancer Progression and Therapy. 2014, 159-178	1
2025	Photodynamic Therapy for Cancer: Principles, Clinical Applications, and Nanotechnological Approaches. 2014, 123-160	5
2024	Cytotoxic efficacy of photodynamic therapy in osteosarcoma cells in vitro. 2014,	7
2023	PDT-induced epigenetic changes in the mouse cerebral cortex: a protein microarray study. 2014, 1840, 262-70	17
2022	Photosensitizer-conjugated redox-responsive dextran theranostic nanoparticles for near-infrared cancer imaging and photodynamic therapy. 2014, 5, 874-881	58
2021	Cyclooxygenase 2-mediated apoptotic and inflammatory responses in photodynamic therapy treated breast adenocarcinoma cells and xenografts. 2014, 134, 27-36	15
2020	Preoperative endobronchial photodynamic therapy improves resectability in initially irresectable (inoperable) locally advanced non small cell lung cancer. 2014, 11, 259-64	27
2019	Depletion of PKM2 leads to impaired glycolysis and cell death in 2-demethoxy-2,3-ethylenediamino hypocrellin B-photoinduced A549 cells. 2014, 134, 1-8	8
2018	The role of strong hypoxia in tumors after treatment in the outcome of bacteriochlorin-based photodynamic therapy. 2014, 73, 239-51	58
2017	Enzyme activated photodynamic therapy for methicillin-resistant Staphylococcus aureus infection both inv itro and in vivo. 2014, 136, 72-80	19
2016	Optimization and regeneration kinetics of lymphatic-specific photodynamic therapy in the mouse dermis. 2014, 17, 347-57	25
2015	Photostable Iodinated Silica/Porphyrin Hybrid Nanoparticles with Heavy-Atom Effect for Wide-Field Photodynamic/Photothermal Therapy Using Single Light Source. 2014, 24, 503-513	91
2014	Physical energy for drug delivery; poration, concentration and activation. 2014, 71, 98-114	114
2013	Shifting focus in optical image-guided cancer therapy. 2014, 16, 1-9	19

2012	Photodynamic therapy efficacy enhanced by dynamics: the role of charge transfer and photostability in the selection of photosensitizers. 2014 , 20, 5346-57	82
2011	Local photodynamic therapy delays recurrence of equine periocular squamous cell carcinoma compared to cryotherapy. 2014 , 17 Suppl 1, 37-45	19
2010	Iron(III) benzhydroxamates of dipicolylamines for photocytotoxicity in red light and cellular imaging. 2014 , 73, 124-132	20
2009	Asymmetrical flow field-flow fractionation with on-line detection for drug transfer studies: a feasibility study. 2014 , 406, 7827-39	23
2008	Mitochondria-Targeted Photoinduced Anticancer Activity of Oxidovanadium(IV) Complexes of Curcumin in Visible Light. 2014 , 2014, 2420-2431	31
2007	Photophysics of glycosylated derivatives of a chlorin, isobacteriochlorin and bacteriochlorin for photodynamic theragnostics: discovery of a two-photon-absorbing photosensitizer. 2014 , 90, 419-30	32
2006	Why is rose bengal more phototoxic to fibroblasts in vitro than in vivo?. 2014 , 90, 297-305	15
2005	The natural flavonoid silybin improves the response to Photodynamic Therapy of bladder cancer cells. 2014 , 133, 55-64	31
2004	Therapeutic Applications of Endoscopic Ultrasound. 2014 , 9, 53-65	
2003	Photochemical internalization augments tumor vascular cytotoxicity and specificity of VEGF(121)/rGel fusion toxin. 2014 , 180, 1-9	21
2002	Photochemical activation of the recombinant HER2-targeted fusion toxin MH3-B1/rGel; Impact of HER2 expression on treatment outcome. 2014 , 182, 58-66	18
2001	Lanthanide-Doped Nanoparticles. 2014 , 121-160	3
2000	Tracing nanoparticles and photosensitizing molecules at transmission electron microscopy by diaminobenzidine photo-oxidation. 2014 , 59, 44-51	15
1999	p38(MAPK)-regulated induction of p62 and NBR1 after photodynamic therapy promotes autophagic clearance of ubiquitin aggregates and reduces reactive oxygen species levels by supporting Nrf2-antioxidant signaling. 2014 , 67, 292-303	45
1998	Induced cell death pathway post photodynamic therapy using a metallophthalocyanine photosensitizer in breast cancer cells. 2014 , 32, 205-11	17
1997	Effect of photodynamic therapy supplemented with quercetin in HEP-2 cells. 2014 , 38, 716-22	6
1996	Enhanced efficacy of photodynamic therapy via a sequential targeting protocol. 2014 , 90, 889-95	38
1995	Photodynamic therapy with decaanionic [60]fullerene monoadducts: effect of a light absorbing electron-donor antenna and micellar formulation. 2014 , 10, 795-808	40

1994	Cellular intrinsic factors involved in the resistance of squamous cell carcinoma to photodynamic therapy. 2014 , 134, 2428-2437	34
1993	Cationic porphyrin derivatives for application in photodynamic therapy of cancer. 2014 , 24, 045603	14
1992	An insight on bacterial cellular targets of photodynamic inactivation. 2014 , 6, 141-64	168
1991	The influence of Pluronics nanovehicles on dark cytotoxicity, photocytotoxicity and localization of four model photosensitizers in cancer cells. 2014 , 13, 8-22	34
1990	Pro-survival and pro-growth effects of stress-induced nitric oxide in a prostate cancer photodynamic therapy model. 2014 , 343, 115-22	44
1989	Iron chelators in photodynamic therapy revisited: synergistic effect by novel highly active thiosemicarbazones. 2014 , 5, 336-9	25
1988	Experience and BCC subtypes as determinants of MAL-PDT response: preliminary results of a national Brazilian project. 2014 , 11, 22-6	44
1987	The effects of Ce6-mediated sono-photodynamic therapy on cell migration, apoptosis and autophagy in mouse mammary 4T1 cell line. 2014 , 54, 981-9	36
1986	Concomitant treatment with temozolomide enhances apoptotic cell death in glioma cells induced by photodynamic therapy with talaporfin sodium. 2014 , 11, 556-64	4
1985	Efficacy and safety of continuous low-irradiance photodynamic therapy in the treatment of chest wall progression of breast cancer. 2014 , 192, 235-41	24
1984	Photodynamic therapy potentiates the paracrine endothelial stimulation by colorectal cancer. 2014 , 24, 115602	6
1983	Carbohydrate-appended photocytotoxic (imidazophenanthroline)-oxovanadium(IV) complexes for cellular targeting and imaging. 2014 , 43, 1321-31	13
1982	Effect of evodiagenine mediates photocytotoxicity on human breast cancer cells MDA-MB-231 through inhibition of PI3K/AKT/mTOR and activation of p38 pathways. 2014 , 99, 292-9	22
1981	Ceramide synthase inhibitor fumonisin B1 inhibits apoptotic cell death in SCC17B human head and neck squamous carcinoma cells after Pc4 photosensitization. 2014 , 13, 1621-7	8
1980	Catanionic vesicles charged with chloroaluminium phthalocyanine for topical photodynamic therapy. In vitro phototoxicity towards human carcinoma and melanoma cell lines. 2014 , 4, 39372	13
1979	Synthesis of protoporphyrin-lipids and biological evaluation of micelles and liposomes. 2014 , 22, 4745-51	24
1978	Electronic spectra and intersystem spin-orbit coupling in 1,2- and 1,3-squaraines. 2014 , 35, 2107-13	30
1977	In vivo studies of nanostructure-based photosensitizers for photodynamic cancer therapy. 2014 , 10, 4993-501379	

1976	Neutrophils generate microparticles during exposure to inert gases due to cytoskeletal oxidative stress. 2014 , 289, 18831-45	32
1975	Photodynamic therapy downregulates the function of regulatory T cells in patients with esophageal squamous cell carcinoma. 2014 , 13, 1281-9	20
1974	Inhibition of VDAC1 prevents Ca ²⁺ -mediated oxidative stress and apoptosis induced by 5-aminolevulinic acid mediated sonodynamic therapy in THP-1 macrophages. 2014 , 19, 1712-26	43
1973	Energy metabolism targeted drugs synergize with photodynamic therapy to potentiate breast cancer cell death. 2014 , 13, 1793-803	15
1972	Amphiphilic copolymer coated upconversion nanoparticles for near-infrared light-triggered dual anticancer treatment. 2014 , 6, 14903-10	45
1971	Ultrafast photo-induced ligand solvolysis of cis-[Ru(bipyridine) ₂ (nicotinamide) ₂] ⁽²⁺⁾ : experimental and theoretical insight into its photoactivation mechanism. 2014 , 16, 19141-55	55
1970	Production of reactive oxygen and nitrogen species by light irradiation of a nitrosyl phthalocyanine ruthenium complex as a strategy for cancer treatment. 2014 , 43, 4021-5	40
1969	Dual role of photosensitizer and carrier material of fullerene in micelles for chemo-photodynamic therapy of cancer. 2014 , 103, 3225-34	17
1968	Photochemically triggered cytosolic drug delivery using pH-responsive hyaluronic acid nanoparticles for light-induced cancer therapy. 2014 , 15, 4228-38	58
1967	Multifunctional tumor pH-sensitive self-assembled nanoparticles for bimodal imaging and treatment of resistant heterogeneous tumors. 2014 , 136, 5647-55	378
1966	Efficacy of chlorin e6-mediated sono-photodynamic therapy on 4T1 cells. 2014 , 29, 42-52	34
1965	Clinical outcome of photodynamic therapy in esophageal squamous cell carcinoma. 2014 , 141, 20-5	11
1964	ER stress, autophagy and immunogenic cell death in photodynamic therapy-induced anti-cancer immune responses. 2014 , 13, 474-87	152
1963	Chemical modification of a tetrapyrrole-type photosensitizer: tuning application and photochemical action beyond the singlet oxygen channel. 2014 , 118, 11646-58	24
1962	Oxovanadium(IV) catecholates of terpyridine bases for cellular imaging and photocytotoxicity in red light. 2014 , 4, 40120-40131	9
1961	DNA-binding studies of a tetraalkyl-substituted porphyrin and the mutually adaptive distortion principle. 2014 , 53, 11108-18	12
1960	State-dependent and site-directed photodynamic transformation of HCN2 channel by singlet oxygen. 2014 , 143, 633-44	6
1959	The novel EpCAM-targeting monoclonal antibody 3-171 linked to saporin is highly cytotoxic after photochemical internalization in breast, pancreas and colon cancer cell lines. 2014 , 6, 1038-50	30

1958	Porphyrin conjugated with serum albumins and monoclonal antibodies boosts efficiency in targeted destruction of human bladder cancer cells. 2014 , 12, 1804-11	37
1957	Novel amphiphilic cationic porphyrin and its Ag(II) complex as potential anticancer agents. 2014 , 140, 94-103	18
1956	A smart and versatile theranostic nanomedicine platform based on nanoporphyrin. 2014 , 5, 4712	305
1955	Cyclometalated Ir(III) complexes as targeted theranostic anticancer therapeutics: combining HDAC inhibition with photodynamic therapy. 2014 , 50, 10945-8	94
1954	Reversible effects of photodamage directed toward mitochondria. 2014 , 90, 1211-3	14
1953	Functional nanomaterials for phototherapies of cancer. 2014 , 114, 10869-939	1771
1952	Advanced nanovehicles for cancer management. 2014 , 19, 1659-70	38
1951	Charge dependent photodynamic activity of alanine based zinc phthalocyanines. 2014 , 141, 10-9	8
1950	Fluorescent drug-loaded, polymeric-based, branched gold nanoshells for localized multimodal therapy and imaging of tumoral cells. 2014 , 8, 2725-38	143
1949	A star polymer based on a polyethylene glycol with a porphyrinic core as a photosensitizing agent for application in photodynamic therapy: tests in vitro on human erythrocytes. 2014 , 4, 19389	10
1948	Nanobody-photosensitizer conjugates for targeted photodynamic therapy. 2014 , 10, 1441-51	68
1947	5-Aza-2'-deoxycytidine potentiates antitumour immune response induced by photodynamic therapy. 2014 , 50, 1370-81	45
1946	Ceramide and sphingosine-1-phosphate act as photodynamic therapy-elicited damage-associated molecular patterns: cell surface exposure. 2014 , 20, 359-65	23
1945	Light-triggered, efficient cytosolic release of IM7-saporin targeting the putative cancer stem cell marker CD44 by photochemical internalization. 2014 , 11, 2764-76	38
1944	Optimization of photodynamic therapy using negative pressure. 2014 , 32, 296-301	2
1943	Photodynamic effect of Radachlorin on nerve and glial cells. 2014 , 11, 357-64	6
1942	Bronchoscopic management of malignant airway obstruction. 2014 , 31, 512-38	11
1941	Visible-light-induced annihilation of tumor cells with platinum-porphyrin conjugates. 2014 , 53, 6938-41	155

1940	Theoretical Determination of Electronic Spectra and Intersystem Spin-Orbit Coupling: The Case of Isoindole-BODIPY Dyes. 2014 , 10, 4006-13	45
1939	Enhanced photodynamic therapy and effective elimination of cancer stem cells using surfactant-polymer nanoparticles. 2014 , 11, 3186-95	36
1938	Novel 3,6-bis(imidazolidine)acridines as effective photosensitizers for photodynamic therapy. 2014 , 22, 4684-93	18
1937	Visible-Light-Induced Annihilation of Tumor Cells with Platinum Porphyrin Conjugates. 2014 , 126, 7058-7061	35
1936	The effect of TSPP-mediated photodynamic therapy and Parecoxib in experimental tumours. 2014 , 117, 75-83	7
1935	Synergistic apoptotic effect of Doxil \square and aminolevulinic acid-based photodynamic therapy on human breast adenocarcinoma cells. 2014 , 11, 227-38	17
1934	The clinically used photosensitizer Verteporfin (VP) inhibits YAP-TEAD and human retinoblastoma cell growth in vitro without light activation. 2014 , 124, 67-73	148
1933	Optogenetic control of ROS production. 2014 , 2, 368-76	97
1932	Epigenetic regulation of death of crayfish glial cells but not neurons induced by photodynamic impact. 2014 , 102, 15-21	5
1931	Evaluation of one- and two-photon activated photodynamic therapy with pyropheophorbide-a methyl ester in human cervical, lung and ovarian cancer cells. 2014 , 132, 102-10	19
1930	Structure-function relationships of Nile blue (EtNBS) derivatives as antimicrobial photosensitizers. 2014 , 75, 479-491	22
1929	In vitro and in vivo antitumor activity of a novel hypocrellin B derivative for photodynamic therapy. 2014 , 11, 204-12	22
1928	Three-layered polyplex micelle as a multifunctional nanocarrier platform for light-induced systemic gene transfer. 2014 , 5, 3545	155
1927	Prioritization of natural extracts by LC-MS-PCA for the identification of new photosensitizers for photodynamic therapy. 2014 , 86, 1324-31	15
1926	Analytical applications of chemiluminescence methods for cancer detection and therapy. 2014 , 59, 156-183	70
1925	Stability enhanced polyelectrolyte-coated gold nanorod-photosensitizer complexes for high/low power density photodynamic therapy. 2014 , 35, 7058-67	50
1924	Targeted iron-oxide nanoparticle for photodynamic therapy and imaging of head and neck cancer. 2014 , 8, 6620-32	102
1923	Photodynamic therapy: oncologic horizons. 2014 , 10, 123-4	95

1922	The design of nitric oxide donor drugs: s-nitrosothiol tDodSNO is a superior photoactivated donor in comparison to GSNO and SNAP. 2014 , 737, 168-76	14
1921	Selective photosensitizer delivery into plasma membrane for effective photodynamic therapy. 2014 , 191, 98-104	67
1920	Metformin associated with photodynamic therapy--a novel oncological direction. 2014 , 138, 80-91	15
1919	Theranostic porphyrin dyad nanoparticles for magnetic resonance imaging guided photodynamic therapy. 2014 , 35, 6379-88	89
1918	Progress of photodynamic therapy applications in the treatment of musculoskeletal sarcoma (Review). 2014 , 8, 1403-1408	23
1917	Glycol chitosan-based fluorescent theranostic nanoagents for cancer therapy. 2014 , 12, 6038-57	23
1916	The emerging quest for the optimal angiostatic combination therapy. 2014 , 42, 1608-15	17
1915	Definitive surgery and intraoperative photodynamic therapy: a prospective study of local control and survival for patients with pleural dissemination of non-small cell lung cancer. 2014 , 8931,	3
1914	A cancer-recognizing polymeric photosensitizer based on the tumor extracellular pH response of conjugated polymers for targeted cancer photodynamic therapy. 2014 , 14, 1688-95	19
1913	Different photodynamic effect between continuous wave and pulsed laser irradiation modes in k562 cells in vitro. 2014 , 541, 012040	5
1912	Aluminium-phthalocyanine chloride nanoemulsions for anticancer photodynamic therapy: Development and in vitro activity against monolayers and spheroids of human mammary adenocarcinoma MCF-7 cells. 2015 , 13, 36	58
1911	Low-power photodynamic therapy induces survival signaling in perihilar cholangiocarcinoma cells. 2015 , 15, 1014	17
1910	Angiostatic treatment prior to chemo- or photodynamic therapy improves anti-tumor efficacy. 2015 , 5, 8990	49
1909	NOVEL FORMULATIONS AND DRUG DELIVERY SYSTEMS FOR PHYTOTHERAPIES. 2015 , 89-100	
1908	Essential Basics of LightMatter Interaction in Biophotonics. 2015 , 57-198	
1907	Hypericin-mediated photodynamic therapy induces apoptosis in K562 human leukemia cells through JNK pathway modulation. 2015 , 12, 6475-82	18
1906	Subdiffraction localization of a nanostructured photosensitizer in bacterial cells. 2015 , 5, 15564	28
1905	Animal models for photodynamic therapy (PDT). 2015 , 35,	31

1904	ABCG2 transporter inhibitor restores the sensitivity of triple negative breast cancer cells to aminolevulinic acid-mediated photodynamic therapy. 2015 , 5, 13298	53
1903	Evaluation of laser irradiance on photodynamic therapy using talaporfin sodium-induced glioblastoma T98G cell death. 2015 , 2, 111-116	1
1902	Pros, cons and future prospects of ALA-photodiagnosis, phototherapy and pharmacology in cancer therapy A mini review. 2015 , 4,	6
1901	Semisynthesis and in Vitro Photodynamic Activity Evaluations of Halogenated and Glycosylated Derivatives of Pheophorbide a. 2015 , 2015, 6061-6074	3
1900	A Family of Potent Ru(II) Photosensitizers with Enhanced DNA Intercalation: Bimodal Photokillers. 2015 , 91, 1191-202	7
1899	DNA Photosensitization by an "Insider": Photophysics and Triplet Energy Transfer of 5-Methyl-2-pyrimidone Deoxyribonucleoside. 2015 , 21, 11509-16	16
1898	Aktivierung molekularer Schalter mit sichtbarem Licht. 2015 , 127, 11494-11506	94
1897	Visible-Light-Activated Molecular Switches. 2015 , 54, 11338-49	483
1896	Phototoxic Activity and DNA Interactions of Water-Soluble Porphyrins and Their Rhenium(I) Conjugates. 2015 , 10, 1901-14	29
1895	Temoporfin improves efficacy of photodynamic therapy in advanced biliary tract carcinoma: A multicenter prospective phase II study. 2015 , 62, 1456-65	37
1894	Measuring the Physiologic Properties of Oral Lesions Receiving Fractionated Photodynamic Therapy. 2015 , 91, 1210-8	15
1893	An in vitro investigation of photodynamic efficacy of FosPeg(R) on human colon cancer cells. 2015 , 08, 1550027	4
1892	Enhanced Antitumor Efficacy by 808 nm Laser-Induced Synergistic Photothermal and Photodynamic Therapy Based on a Indocyanine-Green-Attached W18O49 Nanostructure. 2015 , 25, 7280-7290	138
1891	Nanocomposite-Based Photodynamic Therapy Strategies for Deep Tumor Treatment. 2015 , 11, 5860-87	187
1890	Promotion of Proapoptotic Signals by Lysosomal Photodamage. 2015 , 91, 931-6	38
1889	Photodynamic therapy relieves colitis and prevents colitis-associated carcinogenesis in mice. 2015 , 21, 985-95	9
1888	Bioluminescence-activated deep-tissue photodynamic therapy of cancer. 2015 , 5, 805-17	48
1887	Visible-light-responsive ZnCuO nanoparticles: benign photodynamic killers of infectious protozoans. 2015 , 10, 6891-903	26

1886	Immunological aspects of antitumor photodynamic therapy outcome. 2015 , 40, 481-5	28
1885	[Endoscopic Ultrasound-guided Local Therapy of Pancreatic Tumors]. 2015 , 66, 154-8	2
1884	Phthalocyanine-loaded graphene nanoplatfom for imaging-guided combinatorial phototherapy. 2015 , 10, 2347-62	50
1883	Understanding DNA under oxidative stress and sensitization: the role of molecular modeling. 2015 , 3, 43	42
1882	More Adventures in Photodynamic Therapy. 2015 , 16, 15188-93	9
1881	Photodynamic Efficiency: From Molecular Photochemistry to Cell Death. 2015 , 16, 20523-59	209
1880	The Effect of Coatings on the Affinity of Lanthanide Nanoparticles to MKN45 and HeLa Cancer Cells and Improvement in Photodynamic Therapy Efficiency. 2015 , 16, 22415-24	9
1879	Combined Treatments with Photodynamic Therapy for Non-Melanoma Skin Cancer. 2015 , 16, 25912-33	81
1878	A Comparative Study on Two Cationic Porphycenes: Photophysical and Antimicrobial Photoinactivation Evaluation. 2015 , 16, 27072-86	20
1877	Immunoregulatory Cell Depletion Improves the Efficacy of Photodynamic Therapy-Generated Cancer Vaccines. 2015 , 16, 27005-14	18
1876	Intravenous Single-Dose Toxicity of Redaporfin-Based Photodynamic Therapy in Rodents. 2015 , 16, 29236-49	24
1875	Developments in PDT Sensitizers for Increased Selectivity and Singlet Oxygen Production. 2015 , 8, 4421-4456	113
1874	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. 2015 , 6, 588	239
1873	Overview of Methods for Overcoming Hindrance to Drug Delivery to Tumors, with Special Attention to Tumor Interstitial Fluid. 2015 , 5, 165	45
1872	Targeting Epigenetic Processes in Photodynamic Therapy-Induced Anticancer Immunity. 2015 , 5, 176	18
1871	Graphene-based nanovehicles for photodynamic medical therapy. 2015 , 10, 2451-9	35
1870	Association between Dietary Vitamin C Intake and Risk of Prostate Cancer: A Meta-analysis Involving 103,658 Subjects. 2015 , 6, 913-21	33
1869	Usefulness of Photodynamic Therapy as a Possible Therapeutic Alternative in the Treatment of Basal Cell Carcinoma. 2015 , 16, 23300-17	25

1868	Current applications of graphene oxide in nanomedicine. 2015 , 10 Spec Iss, 9-24	61
1867	Fiber-optic triggered release of liposome in vivo: implication of personalized chemotherapy. 2015 , 10, 5171-84	10
1866	Applications of calixarenes in cancer chemotherapy: facts and perspectives. 2015 , 9, 2831-8	52
1865	Endoscopic ultrasound-guided therapies in pancreatic neoplasms. 2015 , 2015, 731049	3
1864	A case of advanced malignant pleural mesothelioma treatment with chemotherapy and photodynamic therapy. 2015 , 78, 36-40	4
1863	Intravital imaging reveals p53-dependent cancer cell death induced by phototherapy via calcium signaling. 2015 , 6, 1435-45	75
1862	Nimotuzumab increases the anti-tumor effect of photodynamic therapy in an oral tumor model. 2015 , 6, 13487-505	16
1861	T-cell mediated anti-tumor immunity after photodynamic therapy: why does it not always work and how can we improve it?. 2015 , 14, 1492-1509	45
1860	Selective cell elimination in vitro and in vivo from tissues and tumors using antibodies conjugated with a near infrared phthalocyanine. 2015 , 5, 25105-25114	27
1859	A two-dimensional molecular beacon for mRNA-activated intelligent cancer theranostics. 2015 , 6, 3839-3844	30
1858	Synthesis and photophysical properties of the photoactivatable cationic porphyrin 5-(4-N-dodecylpyridyl)-10,15,20-tri(4-N-methylpyridyl)-21H,23H-porphyrin tetraiodide for anti-malaria PDT. 2015 , 14, 1290-5	17
1857	Enhancing photodynamic therapy of refractory solid cancers: Combining second-generation photosensitizers with multi-targeted liposomal delivery. 2015 , 23, 103-131	87
1856	Targeted delivery of 5-aminolevulinic acid by multifunctional hollow mesoporous silica nanoparticles for photodynamic skin cancer therapy. 2015 , 7, 10671-6	96
1855	Protein profiles of Escherichia coli and Staphylococcus warneri are altered by photosensitization with cationic porphyrins. 2015 , 14, 1169-78	33
1854	Ternary graphene quantum dot-polydopamine-MnO nanoparticles for optical imaging guided photodynamic therapy and T-weighted magnetic resonance imaging. 2015 , 3, 5815-5823	53
1853	Photochemical internalization of bleomycin and temozolomide--in vitro studies on the glioma cell line F98. 2015 , 14, 1357-66	7
1852	Complete destruction of deep-tissue buried tumors via combination of gene silencing and gold nanochinus-mediated photodynamic therapy. 2015 , 62, 13-23	35
1851	Primary Treatment Options for High-Risk/Medically Inoperable Early Stage NSCLC Patients. 2015 , 16, 413-30	31

1850	Basic and Clinical Aspects of Photodynamic Therapy. 2015 , 3-26	4
1849	Upconversion Nanoparticles for Light-Activated Therapy. 2015 , 285-341	1
1848	Evaluation of oxygen dependence on in vitro and in vivo cytotoxicity of photoimmunotherapy using IR-700-antibody conjugates. 2015 , 85, 24-32	33
1847	Photodynamic therapy: current status and future directions. 2015 , 24 Suppl 1, 14-28	211
1846	Calreticulin as cancer treatment adjuvant: combination with photodynamic therapy and photodynamic therapy-generated vaccines. 2015 , 5, 15	36
1845	A Chlorin-Based Nanoscale Metal-Organic Framework for Photodynamic Therapy of Colon Cancers. 2015 , 137, 7600-3	336
1844	Cylindrical diffuser axial detection profile is dependent on fiber design. 2015 , 20, 040502	3
1843	Singlet oxygen mediated photodynamic effects. 2015 , 4,	4
1842	Localization-dependent cell-killing effects of protoporphyrin (PPIX)-lipid micelles and liposomes in photodynamic therapy. 2015 , 23, 7578-84	17
1841	Photodynamic Therapy of Non-Small Cell Lung Cancer. Narrative Review and Future Directions. 2016 , 13, 265-75	78
1840	Engineered porphyrin loaded core-shell nanoparticles for selective sonodynamic anticancer treatment. 2015 , 10, 3483-94	48
1839	Active-targeted pH-responsive albumin-photosensitizer conjugate nanoparticles as theranostic agents. 2015 , 3, 9349-9359	34
1838	In-vitro efficacy of indocyanine green-mediated photodynamic therapy in combination with cisplatin or etoposide. 2015 , 4,	1
1837	Binding of palladium (II) 5, 10, 15, 20-tetrakis (4-sulfonatophenyl) porphyrin to a lectin for photosensitizer targeted delivery. 2015 , 153, 276-80	6
1836	Riboflavin acetate induces apoptosis in squamous carcinoma cells after photodynamic therapy. 2015 , 153, 445-54	5
1835	Characterization of the role of the photosensitizer, deuterporfin, in the detection of lymphatic metastases in a pancreatic cancer xenograft model. 2015 , 10, 1430-1436	5
1834	Enhanced killing of SCC17B human head and neck squamous cell carcinoma cells after photodynamic therapy plus fenretinide via the de novo sphingolipid biosynthesis pathway and apoptosis. 2015 , 46, 2003-10	5
1833	Enhanced effect of photodynamic therapy in ovarian cancer using a nanoparticle drug delivery system. 2015 , 47, 1070-6	6

1832	Surface charge-conversion polymeric nanoparticles for photodynamic treatment of urinary tract bacterial infections. 2015 , 26, 495602	32
1831	Photodynamic Therapy and Antitumor Immune Response. 2015 , 383-399	4
1830	Photodynamic effects induced by meso-tris(pentafluorophenyl)corrole and its cyclodextrin conjugates on cytoskeletal components of HeLa cells. 2015 , 92, 135-44	59
1829	A luminescent poly(amidoamine)-iridium complex as a new singlet-oxygen sensitizer for photodynamic therapy. 2015 , 54, 544-53	65
1828	Apoptosis and associated phenomena as a determinants of the efficacy of photodynamic therapy. 2015 , 14, 1397-402	29
1827	Antibodies armed with photosensitizers: from chemical synthesis to photobiological applications. 2015 , 13, 2518-29	45
1826	Mitochondria-Targeting Photocytotoxic Ferrocenyl Conjugates of N-Alkylpyridinium Salts. 2015 , 2015, 1398-1407	7
1825	Photocytotoxic oxovanadium(IV) complexes of ferrocenyl-terpyridine and acetylacetonate derivatives. 2015 , 92, 332-41	19
1824	Multifunctional calcium phosphate nanoparticles for combining near-infrared fluorescence imaging and photodynamic therapy. 2015 , 14, 197-207	58
1823	Comparison between endothelial and tumor cells in the response to verteporfin-photodynamic therapy and a PI3K pathway inhibitor. 2015 , 12, 19-26	14
1822	Targeting the hallmarks of cancer with therapy-induced endoplasmic reticulum (ER) stress. 2015 , 2, e975089	47
1821	Augmented EPR effect by photo-triggered tumor vascular treatment improved therapeutic efficacy of liposomal paclitaxel in mice bearing tumors with low permeable vasculature. 2015 , 200, 106-14	37
1820	Cellular density, a major factor involved in PDT cytotoxic responses: Study on three different lines of human retinoblastoma grafted on nude mice. 2015 , 12, 267-75	6
1819	Autophagy, a major adaptation pathway shaping cancer cell death and anticancer immunity responses following photodynamic therapy. 2015 , 14, 1410-24	44
1818	Far-red-absorbing cationic phthalocyanine photosensitizers: synthesis and evaluation of the photodynamic anticancer activity and the mode of cell death induction. 2015 , 58, 1736-49	68
1817	Photophysics of acetophenone interacting with DNA: why the road to photosensitization is open. 2015 , 91, 323-30	14
1816	Thermosensitive liposome formulated indocyanine green for near-infrared triggered photodynamic therapy: in vivo evaluation for triple-negative breast cancer. 2015 , 32, 1604-14	54
1815	Interaction of palmatine with DNA: an environmentally controlled phototherapy drug. 2015 , 119, 410-9	36

1814	Self-assembled core-shell nanoparticles for combined chemotherapy and photodynamic therapy of resistant head and neck cancers. 2015 , 9, 991-1003	215
1813	Human mesenchymal stromal cell therapy for prevention and recovery of chemo/radiotherapy adverse reactions. 2015 , 17, 509-25	9
1812	Targeted photodynamic therapy in head and neck squamous cell carcinoma: heading into the future. 2015 , 30, 2381-7	19
1811	Photodynamic therapy of cancer [Challenges of multidrug resistance. 2015 , 08, 1530002	22
1810	The inherent metastasis of leukaemia and its exploitation by sonodynamic therapy. 2015 , 94, 149-63	23
1809	A pH-responsive layered double hydroxide (LDH)-phthalocyanine nanohybrid for efficient photodynamic therapy. 2015 , 21, 3310-7	57
1808	Development of photodynamic therapy regimens that control primary tumor growth and inhibit secondary disease. 2015 , 64, 287-97	67
1807	Retinoblastoma: might photodynamic therapy be an option?. 2015 , 34, 563-73	15
1806	Hyaluronan-decorated polymer nanoparticles targeting the CD44 receptor for the combined photo/chemo-therapy of cancer. 2015 , 7, 5643-53	58
1805	Glycolytic inhibitors 2-deoxyglucose and 3-bromopyruvate synergize with photodynamic therapy respectively to inhibit cell migration. 2015 , 47, 189-97	16
1804	New peripherally and non-peripherally tetra-substituted water soluble zinc phthalocyanines: Synthesis, photophysics and photochemistry. 2015 , 783, 120-129	16
1803	Phthalocyanine derivatives possessing 2-(morpholin-4-yl)ethoxy groups as potential agents for photodynamic therapy. 2015 , 58, 2240-55	63
1802	Modelling energy deposition in nanoscintillators to predict the efficiency of the X-ray-induced photodynamic effect. 2015 , 7, 5744-51	58
1801	3B, a novel of photosensitizer, exhibited anti-tumor effects via mitochondrial apoptosis pathway in MCF-7 human breast carcinoma cells. 2015 , 36, 5597-606	9
1800	Modeling DNA electronic circular dichroism by QM/MM methods and Frenkel Hamiltonian. 2015 , 134, 1	19
1799	Nanoscintillator-mediated X-ray inducible photodynamic therapy for in vivo cancer treatment. 2015 , 15, 2249-56	253
1798	Image-guided combination chemotherapy and photodynamic therapy using a mitochondria-targeted molecular probe with aggregation-induced emission characteristics. 2015 , 6, 4580-4586 ¹⁵⁵	
1797	Photodynamic therapy of oligoethylene glycol dendronized reduction-sensitive porphyrins. 2015 , 3, 3062-307128	

1796	Histone acetyltransferase p300 is induced by p38MAPK after photodynamic therapy: the therapeutic response is increased by the p300HAT inhibitor anacardic acid. 2015 , 86, 118-32	17
1795	Low dose photodynamic-therapy induce immune escape of tumor cells in a HIF-1 β dependent manner through PI3K/Akt pathway. 2015 , 28, 44-51	16
1794	ROS-induced nanotherapeutic approach for ovarian cancer treatment based on the combinatorial effect of photodynamic therapy and DJ-1 gene suppression. 2015 , 11, 1961-70	26
1793	p53 family members - important messengers in cell death signaling in photodynamic therapy of cancer?. 2015 , 14, 1390-6	21
1792	Light-Controlled Delivery of Monoclonal Antibodies for Targeted Photoinactivation of Ki-67. 2015 , 12, 3272-81	33
1791	Cyclometalated iridium(iii) complexes as lysosome-targeted photodynamic anticancer and real-time tracking agents. 2015 , 6, 5409-5418	243
1790	Elimination of primary tumours and control of metastasis with rationally designed bacteriochlorin photodynamic therapy regimens. 2015 , 51, 1822-30	50
1789	Androgen Receptor Targeted Conjugate for Bimodal Photodynamic Therapy of Prostate Cancer in Vitro. 2015 , 26, 1662-71	24
1788	Nanotechnology for photodynamic therapy: a perspective from the Laboratory of Dr. Michael R. Hamblin in the Wellman Center for Photomedicine at Massachusetts General Hospital and Harvard Medical School. 2015 , 4, 359-372	23
1787	Sulfonated Polyethylenimine for Photosensitizer Conjugation and Targeting. 2015 , 26, 1633-9	9
1786	The photodynamic antibacterial effects of silicon phthalocyanine (Pc) 4. 2015 , 16, 7851-60	19
1785	Photodynamic therapy (PDT) of cancer: from local to systemic treatment. 2015 , 14, 1765-80	272
1784	Effect of FosPeg \square mediated photoactivation on P-gp/ABCB1 protein expression in human nasopharyngeal carcinoma cells. 2015 , 148, 82-87	7
1783	Highly water-soluble and tumor-targeted photosensitizers for photodynamic therapy. 2015 , 13, 7681-94	46
1782	A novel deep photodynamic therapy modality combined with CT imaging established via X-ray stimulated silica-modified lanthanide scintillating nanoparticles. 2015 , 51, 12247-50	60
1781	The redox biology network in cancer pathophysiology and therapeutics. 2015 , 5, 347-357	91
1780	Cell death pathways and phthalocyanine as an efficient agent for photodynamic cancer therapy. 2015 , 16, 10228-41	51
1779	Dendritic nanoconjugates of photosensitizer for targeted photodynamic therapy. 2015 , 21, 63-73	36

1778	Enhancement of the photokilling effect of aluminum phthalocyanine in photodynamic therapy by conjugating with nitrogen-doped TiO ₂ nanoparticles. 2015 , 130, 292-8	35
1777	Light-controlled endosomal escape of the novel CD133-targeting immunotoxin AC133-saporin by photochemical internalization - A minimally invasive cancer stem cell-targeting strategy. 2015 , 206, 37-48	53
1776	Vascular-targeted photodynamic therapy in the treatment of neovascular age-related macular degeneration: Clinical perspectives. 2015 , 12, 161-75	28
1775	Photodynamic therapy as a new treatment modality for inflammatory and infectious conditions. 2015 , 11, 637-57	35
1774	Bioresponsive probes for molecular imaging: concepts and in vivo applications. 2015 , 10, 282-308	28
1773	Characterizing low fluence thresholds for in vitro photodynamic therapy. 2015 , 6, 770-9	26
1772	Repeated sub-optimal photodynamic treatments with pheophorbide a induce an epithelial mesenchymal transition in prostate cancer cells via nitric oxide. 2015 , 45, 43-53	29
1771	Conducting polymer nanoparticles for targeted cancer therapy. 2015 , 5, 37943-37956	19
1770	Preliminary Study the Potency of Macroalgae in Yogyakarta: Extraction and Analysis of Algal Pigments from Common Gunungkidul Seaweeds. 2015 , 14, 373-380	9
1769	Photodynamic therapy (PDT) for malignant brain tumors--where do we stand?. 2015 , 12, 530-44	122
1768	The efficacy and mechanism of apoptosis induction by hypericin-mediated sonodynamic therapy in THP-1 macrophages. 2015 , 10, 821-38	20
1767	Isolation and characterization of PDT-resistant cancer cells. 2015 , 14, 1378-89	20
1766	Autophagy Induced by Photodynamic Therapy (PDT): Shaping Resistance Against Cell Death and Anti-Tumor Immunity. 2015 , 99-116	
1765	Biomedical Applications of Lasers. 2015 , 301-331	
1764	Mechanisms of Tumor Cell Resistance to ALA-PDT. 2015 , 213-228	
1763	Highly Efficient FRET System Capable of Deep Photodynamic Therapy Established on X-ray Excited Mesoporous LaF ₃ :Tb Scintillating Nanoparticles. 2015 , 7, 12261-9	105
1762	Synthesis, photophysical characterization, and photoinduced antibacterial activity of methylene blue-loaded amino- and mannose-targeted mesoporous silica nanoparticles. 2015 , 20, 6284-98	37
1761	Self-assembled autophagy-inducing polymeric nanoparticles for breast cancer interference in-vivo. 2015 , 27, 2627-34	96

1760	Dual Functioning Thieno-Pyrrole Fused BODIPY Dyes for NIR Optical Imaging and Photodynamic Therapy: Singlet Oxygen Generation without Heavy Halogen Atom Assistance. 2015 , 10, 1335-43	65
1759	Photochemical internalisation, a minimally invasive strategy for light-controlled endosomal escape of cancer stem cell-targeting therapeutics. 2015 , 14, 1433-50	31
1758	Physicochemical properties of potential porphyrin photosensitizers for photodynamic therapy. 2015 , 146, 249-54	31
1757	Photochemical activation of drugs for the treatment of therapy-resistant cancers. 2015 , 14, 1465-75	26
1756	Porphyrin-based photosensitizers and the corresponding multifunctional nanoplatforms for cancer-imaging and phototherapy. 2015 , 19, 109-134	54
1755	A near-infrared phthalocyanine dye-labeled agent for integrin $\alpha_6\beta_6$ -targeted theranostics of pancreatic cancer. 2015 , 53, 229-38	33
1754	Toward a Cancer Drug of Fungal Origin. 2015 , 35, 937-67	36
1753	Mechanism of the cytotoxic action of immunophotoxin 4D5scFV-miniSOG on HER2/neu-positive cancer cells. 2015 , 460, 16-9	3
1752	Photodynamic therapy-mediated cancer vaccination enhances stem-like phenotype and immune escape, which can be blocked by thrombospondin-1 signaling through CD47 receptor protein. 2015 , 290, 8975-86	14
1751	Significant photocytotoxic effect of an iron(III) complex of a Schiff base ligand derived from vitamin B6 and thiosemicarbazide in visible light. 2015 , 5, 29276-29284	32
1750	Theoretical reproduction of the Q-band absorption spectrum of free-base chlorin. 2015 , 142, 034302	2
1749	Photodynamic therapy using talaporfin sodium induces concentration-dependent programmed necroptosis in human glioblastoma T98G cells. 2015 , 30, 1739-45	36
1748	Developing strategies to predict photodynamic therapy outcome: the role of melanoma microenvironment. 2015 , 36, 9127-36	15
1747	Accelerated migration and invasion of prostate cancer cells after a photodynamic therapy-like challenge: Role of nitric oxide. 2015 , 49, 47-55	45
1746	Hybrid nanoparticles for combination therapy of cancer. 2015 , 219, 224-236	86
1745	Dual roles of nitric oxide in the regulation of tumor cell response and resistance to photodynamic therapy. 2015 , 6, 311-317	41
1744	Quantitative monitoring of the level of singlet oxygen using luminescence spectra of phosphorescent photosensitizer. 2015 , 23, 22991-3003	23
1743	Perfluorocarbon nanoparticles enhance reactive oxygen levels and tumour growth inhibition in photodynamic therapy. 2015 , 6, 8785	599

1742	Photodynamic therapy as an effective therapeutic approach in MAME models of inflammatory breast cancer. 2015 , 154, 251-62	9
1741	Differential susceptibility of primary cultured human skin cells to hypericin PDT in an in vitro model. 2015 , 149, 249-56	15
1740	Efficient intersystem crossing using singly halogenated carbomethoxyphenyl porphyrins measured using delayed fluorescence, chemical quenching, and singlet oxygen emission. 2015 , 17, 29090-6	25
1739	750 nm 1.5 W frequency-doubled semiconductor disk laser with a 44 nm tuning range. 2015 , 40, 4380-3	11
1738	Photosensitizer-Loaded Branched Polyethylenimine-PEGylated Ceria Nanoparticles for Imaging-Guided Synchronous Photochemotherapy. 2015 , 7, 24218-28	35
1737	Glycosylated Porphyrins, Phthalocyanines, and Other Porphyrinoids for Diagnostics and Therapeutics. 2015 , 115, 10261-306	353
1736	Mitochondria and DNA Targeting of 5,10,15,20-Tetrakis(7-sulfonatobenzo[b]thiophene) Porphyrin-Induced Photodynamic Therapy via Intrinsic and Extrinsic Apoptotic Cell Death. 2015 , 58, 6864-74	59
1735	Water-soluble porphyrin-phosphonate conjugates as potential photodynamic therapy photosensitizers. 2015 , 19, 1039-1045	1
1734	Effects of a novel porphyrin-based photosensitizer on sensitive and multidrug-resistant human gastric cancer cell lines. 2015 , 151, 186-93	5
1733	Autophagic death probed by photodynamic therapy. 2015 , 11, 1941-3	21
1732	Functionalized graphene oxide-based thermosensitive hydrogel for magnetic hyperthermia therapy on tumors. 2015 , 26, 365103	52
1731	The heavy atom effect on Zn(ii) phthalocyanine derivatives: a theoretical exploration of the photophysical properties. 2015 , 17, 23595-601	41
1730	Photocontrollable release and enhancement of photodynamic therapy based on host-guest supramolecular amphiphiles. 2015 , 3, 7417-7426	32
1729	Poly(D, L-lactide-co-glycolide) nanoparticles as delivery agents for photodynamic therapy: enhancing singlet oxygen release and phototoxicity by surface PEG coating. 2015 , 26, 365104	24
1728	Nanomedicine Applications of Hybrid Nanomaterials Built from Metal-Ligand Coordination Bonds: Nanoscale Metal-Organic Frameworks and Nanoscale Coordination Polymers. 2015 , 115, 11079-108	690
1727	Analysis of the efficiency of photodynamic therapy using a microsystem for mono-, co- and mixed cultures. 2015 , 221, 1356-1365	13
1726	Evaluation of the effects of systemic photodynamic therapy in a rat model of acute myeloid leukemia. 2015 , 153, 13-9	4
1725	1,2,5-Chalcogenadiazole-Annulated Tripyrazinoporphyrazines: Synthesis, Spectral Characteristics, and Influence of the Heavy Atom Effect on Their Photophysical Properties. 2015 , 2015, 596-604	19

1724	Smart Supramolecular Nanosystems for Bioimaging and Drug Delivery. 2015 , 33, 59-70	12
1723	The effects of heavy atoms on the exciton diffusion properties in photoactive thin films of tetrakis(4-carbomethoxyphenyl)porphyrins. 2015 , 3, 1243-1249	14
1722	Low energy light induced DNA photocleavage with a bis-ruthenated porphyrin. 2015 , 426, 45-49	5
1721	Protonation salt derivative with heavy-atom effect on phthalocyanine for enhanced in vitro photodynamic therapy. 2015 , 114, 93-104	15
1720	Biomedical Applications of Supramolecular Systems Based on Host-Guest Interactions. 2015 , 115, 7794-839	758
1719	Anti-metastatic and pro-apoptotic effects elicited by combination photodynamic therapy with sonodynamic therapy on breast cancer both in vitro and in vivo. 2015 , 23, 116-27	65
1718	ALA- or Ce6-PDT induced phenotypic change and suppressed migration in surviving cancer cells. 2015 , 10, 74-80	11
1717	Novel lead structures and activation mechanisms for CO-releasing molecules (CORMs). 2015 , 172, 1638-50	181
1716	Dendrimer-encapsulated naphthalocyanine as a single agent-based theranostic nanoplatform for near-infrared fluorescence imaging and combinatorial anticancer phototherapy. 2015 , 7, 3888-902	105
1715	A photosensitizer delivered by bispecific antibody redirected T lymphocytes enhances cytotoxicity against EpCAM-expressing carcinoma cells upon light irradiation. 2015 , 197, 58-68	8
1714	Correlation of in vivo tumor response and singlet oxygen luminescence detection in mTHPC-mediated photodynamic therapy. 2015 , 08, 1540006	5
1713	Influence of charge and metal coordination of meso-substituted porphyrins on bacterial photoinactivation. 2015 , 135, 747-56	18
1712	Evaluation of apoptotic cell death mechanisms induced by hypericin-mediated photodynamic therapy in colon cancer cells. 2016 , 40, 539-546	5
1711	Mreg Activity in Tumor Response to Photodynamic Therapy and Photodynamic Therapy-Generated Cancer Vaccines. 2016 , 8,	14
1710	Photodynamic-therapy Activates Immune Response by disrupting Immunity Homeostasis of Tumor Cells, which Generates Vaccine for Cancer Therapy. 2016 , 12, 120-32	58
1709	Comparative effectiveness of light emitting diodes (LEDs) and Lasers in near infrared photoimmunotherapy. 2016 , 7, 14324-35	30
1708	Adjuvant, neoadjuvant, and experimental regimens in overcoming pancreatic ductal adenocarcinoma. 2016 , 11, 155-162	7
1707	Targeting Antitumor Immune Response for Enhancing the Efficacy of Photodynamic Therapy of Cancer: Recent Advances and Future Perspectives. 2016 , 2016, 5274084	40

1706	Combination of Photodynamic Therapy with Radiotherapy for Cancer Treatment. 2016 , 2016, 1-7	21
1705	Redox Control of Multidrug Resistance and Its Possible Modulation by Antioxidants. 2016 , 2016, 4251912	36
1704	HSP90 Inhibitor Encapsulated Photo-Theranostic Nanoparticles for Synergistic Combination Cancer Therapy. 2016 , 6, 1324-35	51
1703	Recent Progress in Light-Triggered Nanotheranostics for Cancer Treatment. 2016 , 6, 948-68	161
1702	Photodynamic Therapy Induced Enhancement of Tumor Vasculature Permeability Using an Upconversion Nanoconstruct for Improved Intratumoral Nanoparticle Delivery in Deep Tissues. 2016 , 6, 1131-44	64
1701	Light-induced depigmentation in planarians models the pathophysiology of acute porphyrias. 2016 , 5,	19
1700	Exploiting the Immunogenic Potential of Cancer Cells for Improved Dendritic Cell Vaccines. 2015 , 6, 663	63
1699	Boosting Tumor-Specific Immunity Using PDT. 2016 , 8,	54
1698	Modulation of the Anti-Tumor Efficacy of Photodynamic Therapy by Nitric Oxide. 2016 , 8,	16
1697	Photodynamic Therapy in Non-Gastrointestinal Thoracic Malignancies. 2016 , 17,	5
1696	Photophysical Characterization and in Vitro Phototoxicity Evaluation of 5,10,15,20-Tetra(quinolin-2-yl)porphyrin as a Potential Sensitizer for Photodynamic Therapy. 2016 , 21, 439	16
1695	A Targeted Nanoprobe Based on Carbon Nanotubes-Natural Biopolymer Chitosan Composites. 2016 , 6,	9
1694	Synthesis and Characterization of Star-Shaped Porphyrin-cored Poly(Glutamic Acid) Conjugates as Highly Efficient Photosensitizers. 2016 , 29, 823-829	4
1693	Hemoporphin Photodynamic Therapy for Port-Wine Stain: A Randomized Controlled Trial. 2016 , 11, e0156219	34
1692	Optical lens-microneedle array for percutaneous light delivery. 2016 , 7, 4220-4227	33
1691	In vivo Biocompatibility, Biodistribution and Therapeutic Efficiency of Titania Coated Upconversion Nanoparticles for Photodynamic Therapy of Solid Oral Cancers. 2016 , 6, 1844-65	68
1690	X-Ray Induced Photodynamic Therapy: A Combination of Radiotherapy and Photodynamic Therapy. 2016 , 6, 2295-2305	107
1689	Hypericin in the Light and in the Dark: Two Sides of the Same Coin. 2016 , 7, 560	91

1688	Beyond the Barriers of Light Penetration: Strategies, Perspectives and Possibilities for Photodynamic Therapy. 2016 , 6, 2458-2487	210
1687	Enhanced photocytotoxicity of curcumin delivered by solid lipid nanoparticles. 2017 , 12, 167-178	43
1686	Fluorescent standards for photodynamic therapy. 2016 , 735, 012031	
1685	Rapid Light-Triggered Drug Release in Liposomes Containing Small Amounts of Unsaturated and Porphyrin-Phospholipids. 2016 , 12, 3039-47	101
1684	Promotion of Proapoptotic Signals by Lysosomal Photodamage: Mechanistic Aspects and Influence of Autophagy. 2016 , 92, 620-3	32
1683	Effects of pulse width and repetition rate of pulsed laser on kinetics and production of singlet oxygen luminescence. 2016 , 09, 1650019	4
1682	Using Fourier transform infrared spectroscopy to evaluate biological effects induced by photodynamic therapy. 2016 , 48, 538-45	3
1681	Pro-oxidant and Antioxidant Effects in Photodynamic Therapy: Cells Recognise that Not All Exogenous ROS Are Alike. 2016 , 17, 836-42	23
1680	A Self-Assembled Metallomacrocyclic Singlet Oxygen Sensitizer for Photodynamic Therapy. 2016 , 22, 5996-6000	32
1679	An ex vivo study of photobiostimulation in the treatment of skin pathologies. 2016 , 9, 1189-1198	6
1678	Photosensitized singlet oxygen generation and detection: Recent advances and future perspectives in cancer photodynamic therapy. 2016 , 9, 1314-1325	103
1677	Pulse photodynamic therapy reduces inflammation without compromising efficacy in the treatment of multiple mild actinic keratoses of the face and scalp: a randomized clinical trial. 2016 , 174, 979-84	20
1676	PDT: What's Past Is Prologue. 2016 , 76, 2497-9	21
1675	Raman microspectroscopy of Hematoporphyrins. Imaging of the noncancerous and the cancerous human breast tissues with photosensitizers. 2016 , 169, 182-91	10
1674	Assessment of apoptosis induced changes in scattering using optical coherence tomography. 2016 , 9, 913-23	6
1673	Remote-Controlled Release of Singlet Oxygen by the Plasmonic Heating of Endoperoxide-Modified Gold Nanorods: Towards a Paradigm Change in Photodynamic Therapy. 2016 , 55, 3606-10	136
1672	Light-Tunable Generation of Singlet Oxygen and Nitric Oxide with a Bichromophoric Molecular Hybrid: a Bimodal Approach to Killing Cancer Cells. 2016 , 11, 1371-9	22
1671	Remote-Controlled Release of Singlet Oxygen by the Plasmonic Heating of Endoperoxide-Modified Gold Nanorods: Towards a Paradigm Change in Photodynamic Therapy. 2016 , 128, 3670-3674	35

1670	Combinations in multimodality treatments and clinical outcomes during cancer. 2016 , 12, 4301-4304	10
1669	From non-covalent binding to irreversible DNA lesions: Nile blue and Nile red as photosensitizing agents. 2016 , 6, 28480	17
1668	Photosensitizers. 2016 , 25-43	1
1667	Systemic Effects. 2016 , 73-91	
1666	Thermodynamics of DNA: sensitizer recognition. Characterizing binding motifs with all-atom simulations. 2016 , 18, 33180-33186	9
1665	Revisiting photodynamic therapy dosimetry: reductionist & surrogate approaches to facilitate clinical success. 2016 , 61, R57-89	52
1664	Microfluidic platform for photodynamic therapy cytotoxicity analysis of nanoencapsulated indocyanine-type photosensitizers. 2016 , 10, 014116	21
1663	Implantable micro-optical semiconductor devices for optical theranostics in deep tissue. 2016 , 9, 047001	12
1662	Glucose-functionalized amino-OPEs as biocompatible photosensitizers in PDT. 2016 , 111, 58-71	18
1661	PDT-correlated photophysical properties of thienopyrrole BODIPY derivatives. Theoretical insights. 2016 , 130, 9-15	37
1660	Excited-State Dynamics of a Two-Photon-Activatable Ruthenium Prodrug. 2016 , 17, 221-4	3
1659	Amino acid derivatives of pyropheophorbide-a ethers as photosensitizer: Synthesis and photodynamic activity. 2016 , 27, 623-626	9
1658	Synthesis and photodynamic activity of unsymmetrical A3B tetraarylporphyrins functionalized with L-glutamate and their Zn(II) and Cu(II) metal complex derivatives. 2016 , 82, 327-36	7
1657	Photodynamic therapy of HeLa cell cultures by using LED or laser sources. 2016 , 160, 271-7	17
1656	Uptake and photo-toxicity of Foscan [®] , Foslip [®] and Fospeg [®] in multicellular tumor spheroids. 2016 , 161, 244-52	46
1655	Photonics immunotherapy [A novel strategy for cancer treatment. 2016 , 09, 1630001	18
1654	Co-Delivery of Cisplatin Prodrug and Chlorin e6 by Mesoporous Silica Nanoparticles for Chemo-Photodynamic Combination Therapy to Combat Drug Resistance. 2016 , 8, 13332-40	142
1653	Activatable albumin-photosensitizer nanoassemblies for triple-modal imaging and thermal-modulated photodynamic therapy of cancer. 2016 , 93, 10-19	106

1652	Study of photodynamic activity of Au@SiO ₂ core-shell nanoparticles in vitro. 2016 , 63, 317-22	15
1651	Possible alternative therapies for oral lichen planus cases refractory to steroid therapies. 2016 , 121, 496-509	27
1650	Investigation of cell death mechanisms in human lymphatic endothelial cells undergoing photodynamic therapy. 2016 , 14, 57-65	10
1649	Photodynamic therapy: Promotion of efficacy by a sequential protocol. 2016 , 20, 302-306	18
1648	Chlorin e6 keratin nanoparticles for photodynamic anticancer therapy. 2016 , 6, 33910-33918	20
1647	Scintillating Nanoparticles as Energy Mediators for Enhanced Photodynamic Therapy. 2016 , 10, 3918-35	224
1646	Real-Time Specific Light-Up Sensing of Transferrin Receptor: Image-Guided Photodynamic Ablation of Cancer Cells through Controlled Cytomembrane Disintegration. 2016 , 88, 4841-8	45
1645	Antitumor effect of combined Dkk-3 and 5-ALA mediated photodynamic therapy in breast cancer cell's colony. 2016 , 14, 200-3	12
1644	Utilizing Viral Nanoparticle/Dendron Hybrid Conjugates in Photodynamic Therapy for Dual Delivery to Macrophages and Cancer Cells. 2016 , 27, 1227-35	41
1643	Enhanced apoptotic cancer cell killing after Foscan photodynamic therapy combined with fenretinide via de novo sphingolipid biosynthesis pathway. 2016 , 159, 191-5	6
1642	Mucosal Therapy for Potentially Malignant Diseases and OSCC. 2016 , 283-299	2
1641	c-Jun N-terminal kinase-dependent apoptotic photocytotoxicity of solvent exchange-prepared curcumin nanoparticles. 2016 , 18, 37	9
1640	Redox-responsive supramolecular amphiphiles based on a pillar[5]arene for enhanced photodynamic therapy. 2016 , 7, 3268-3276	49
1639	Molecular analysis of apoptosis pathway after photodynamic therapy in breast cancer: Animal model study. 2016 , 14, 152-8	8
1638	Chlorin p6-Based Water-Soluble Amino Acid Derivatives as Potent Photosensitizers for Photodynamic Therapy. 2016 , 59, 4999-5010	38
1637	EGFR targeted nanobody-photosensitizer conjugates for photodynamic therapy in a pre-clinical model of head and neck cancer. 2016 , 229, 93-105	101
1636	Apoptosis and autophagy induced by pyropheophorbide-methyl ester-mediated photodynamic therapy in human osteosarcoma MG-63 cells. 2016 , 21, 749-60	48
1635	An in vitro cell irradiation protocol for testing photopharmaceuticals and the effect of blue, green, and red light on human cancer cell lines. 2016 , 15, 644-53	67

1634	Green light-induced apoptosis in cancer cells by a tetrapyrridyl ruthenium prodrug offering two coordination sites. 2016 , 7, 4922-4929	50
1633	Encapsulation of a photosensitizer into cell membrane capsules for photodynamic therapy. 2016 , 6, 37212-37220	
1632	Fluorescence imaging for photodynamic therapy of non-melanoma skin malignancies: A retrospective clinical study. 2016 , 5,	6
1631	Nevoid Basal Cell Carcinoma Syndrome: A Long-Term Study in a Family. 2016 , 9, 94-104	4
1630	The dual role of tumor lymphatic vessels in dissemination of metastases and immune response development. 2016 , 5, e1182278	22
1629	Photosensitizer effect of 9-hydroxypheophorbide Pd diode laser-irradiated laryngeal cancer cells: Oxidative stress-directed cell death and migration suppression. 2016 , 12, 1889-1895	7
1628	Antagonistic Effects of Endogenous Nitric Oxide in a Glioblastoma Photodynamic Therapy Model. 2016 , 92, 842-853	24
1627	Reactive oxygen species quantification and their correlation with the photocatalytic activity of TiO_2 (anatase and rutile) sensitized with asymmetric porphyrins. 2016 , 4, 3967-3980	29
1626	Resistance of Nonmelanoma Skin Cancer to Nonsurgical Treatments. Part II: Photodynamic Therapy, Vismodegib, Cetuximab, Intralesional Methotrexate, and Radiotherapy. 2016 , 107, 740-750	13
1625	Effect of PpIX photoproducts formation on pO ₂ measurement by time-resolved delayed fluorescence spectroscopy of PpIX in solution and in vivo. 2016 , 164, 49-56	7
1624	Overcoming the Achilles' heel of photodynamic therapy. 2016 , 45, 6488-6519	858
1623	Antimicrobial photoinactivation with functionalized fullerenes. 2016 , 1-27	3
1622	Near infrared imaging-guided photodynamic therapy under an extremely low energy of light by galactose targeted amphiphilic polypeptide micelle encapsulating BODIPY-Br. 2016 , 4, 1638-1645	44
1621	Improved photodynamic activity of a dual phthalocyanine-ALA photosensitiser. 2016 , 40, 9666-9671	10
1620	Tetra(3,4-pyrido)porphyrazines Caught in the Cationic Cage: Toward Nanomolar Active Photosensitizers. 2016 , 59, 9443-9456	20
1619	Resistance of Nonmelanoma Skin Cancer to Nonsurgical Treatments. Part II: Photodynamic Therapy, Vismodegib, Cetuximab, Intralesional Methotrexate, and Radiotherapy. 2016 , 107, 740-750	2
1618	Photodynamic therapy of drug-resistant human colon adenocarcinoma using verteporfin-loaded TPGS nanoparticles with tumor homing and penetrating peptide functionalization. 2016 , 6, 100984-100992	1
1617	Nanomedicines for advanced cancer treatments: Transitioning towards responsive systems. 2016 , 515, 132-164	71

1616	Reactive oxygen species generating systems meeting challenges of photodynamic cancer therapy. 2016 , 45, 6597-6626	1052
1615	Neue Ziele für die Photopharmakologie. 2016 , 128, 11140-11163	90
1614	Preparation of Hybrid Gold/Polymer Nanocomposites and Their Application in a Controlled Antibacterial Assay. 2016 , 8, 29101-29109	38
1613	Synthesis, photophysical properties and biological evaluation of β -alkylaminoporphyrin for photodynamic therapy. 2016 , 24, 6040-6047	8
1612	Nanoceria-Mediated Drug Delivery for Targeted Photodynamic Therapy on Drug-Resistant Breast Cancer. 2016 , 8, 31510-31523	75
1611	Nano-curcumin influences blue light photodynamic therapy for restraining glioblastoma stem cells growth. 2016 , 6, 95165-95168	14
1610	Benzochloroporphyrin derivative photosensitizer-mediated photodynamic therapy for Ewing sarcoma. 2016 , 160, 178-84	3
1609	Recovery of optical properties using interstitial cylindrical diffusers as source and detector fibers. 2016 , 21, 77001	5
1608	A combined modality of carboplatin and photodynamic therapy suppresses epithelial-mesenchymal transition and matrix metalloproteinase-2 (MMP-2)/MMP-9 expression in HEp-2 human laryngeal cancer cells via ROS-mediated inhibition of MEK/ERK signalling pathway. 2016 , 31, 1697-1705	26
1607	Design of Pluronic-Based Formulation for Enhanced Redaporfin-Photodynamic Therapy against Pigmented Melanoma. 2016 , 8, 22039-55	59
1606	Combined phototherapy in anti-cancer treatment: therapeutics design and perspectives. 2016 , 46, 505-517	27
1605	Disulfonated tetraphenyl chlorin (TPCS2a)-induced photochemical internalisation of bleomycin in patients with solid malignancies: a phase 1, dose-escalation, first-in-man trial. 2016 , 17, 1217-29	59
1604	Novel theranostic nanoporphyrins for photodynamic diagnosis and trimodal therapy for bladder cancer. 2016 , 104, 339-51	58
1603	Polymer Nanoparticles for Cancer Photodynamic Therapy Combined with Nitric Oxide Photorelease and Chemotherapy. 2016 , 397-426	3
1602	Indole 3-acetic acid-photodynamic therapy in the treatment of multiple actinic keratoses: A proof of concept pilot study. 2016 , 16, 17-22	8
1601	Octahedral molybdenum cluster complexes with aromatic sulfonate ligands. 2016 , 45, 15427-15435	50
1600	5-Bromo-2'-deoxycytidine-a potential DNA photosensitizer. 2016 , 14, 9312-9321	11
1599	pH-Responsive drug release and NIR-triggered singlet oxygen generation based on a multifunctional core-shell-shell structure. 2016 , 18, 25497-25503	31

1598	Photosensitizer (PS)-cyanine dye (CD) conjugates: Impact of the linkers joining the PS and CD moieties and their orientation in tumor-uptake and photodynamic therapy (PDT). 2016 , 122, 770-785	19
1597	Photodynamic Therapy. 2016 , 377-396	2
1596	Butterfly pea (<i>Clitoria ternatea</i>) seed and petal extracts decreased HEp-2 carcinoma cell viability. 2016 , 51, 1860-1868	9
1595	Switchable PDT for reducing skin photosensitization by a NIR dye inducing self-assembled and photo-disassembled nanoparticles. 2016 , 107, 23-32	65
1594	Nanoassemblies based on non-ionic amphiphilic cyclodextrin hosting Zn(II)-phthalocyanine and docetaxel: Design, physicochemical properties and intracellular effects. 2016 , 146, 590-7	28
1593	Fluorination of phthalocyanine substituents: Improved photoproperties and enhanced photodynamic efficacy after optimal micellar formulations. 2016 , 124, 284-298	55
1592	Synthesis and characterization of photodynamic activity of an iodinated Chlorin p6 copper complex. 2016 , 6, 75782-75792	6
1591	Branched Copolymers Dextran-Graft-Polyacrylamide as Nanocarriers for Delivery of Gold Nanoparticles and Photosensitizers to Tumor Cells. 2016 , 379-390	10
1590	Facile synthesis of chitosan assisted multifunctional magnetic Fe ₃ O ₄ @SiO ₂ @CS@pyropheophorbide-a fluorescent nanoparticles for photodynamic therapy. 2016 , 40, 8522-8534	29
1589	The Role of Free Radicals in the Photodynamic Treatment of Fibrotic Skin Diseases. 2016 , 923, 69-74	4
1588	Poly-(D,L-lactide-co-glycolide) nanoparticles with covalently-bound porphyrins for efficient singlet oxygen photosensitization. 2016 , 20, 1306-1318	4
1587	Dormant cancer cells accumulate high protoporphyrin IX levels and are sensitive to 5-aminolevulinic acid-based photodynamic therapy. 2016 , 6, 36478	32
1586	Enhanced selective sonosensitizing efficacy of ultrasound-based anticancer treatment by targeted gold nanoparticles. 2016 , 11, 3053-3070	49
1585	Diketopyrrolopyrrole Derivatives Grafting Hyaluronic Acid for Targeted Photodynamic Therapy. 2016 , 1, 3071-3074	19
1584	Shining carbon dots: Synthesis and biomedical and optoelectronic applications. 2016 , 11, 565-586	421
1583	Minimally Invasive Surgery for the Treatment of Colorectal Cancer. 2016 , 32, 192-8	5
1582	Duramycin-porphyrin conjugates for targeting of tumour cells using photodynamic therapy. 2016 , 163, 374-84	10
1581	Photodynamic performance of zinc phthalocyanine in HeLa cells: A comparison between DPCC liposomes and BSA as delivery systems. 2016 , 163, 385-90	27

1580	Simultaneous Two-Photon Absorption to Gerade Excited Singlet States of Diphenylacetylene and Diphenylbutadiyne Using Optical-Probing Photoacoustic Spectroscopy. 2016 , 120, 6137-45	4
1579	P2X7 receptor as a novel drug delivery system to increase the entrance of hydrophilic drugs into cells during photodynamic therapy. 2016 , 48, 397-411	7
1578	In-situ second harmonic generation by cancer cell targeting ZnO nanocrystals to effect photodynamic action in subcellular space. 2016 , 104, 78-86	21
1577	Quantitative assay of photoinduced DNA strand breaks by real-time PCR. 2016 , 128, 480-484	4
1576	Emerging Targets in Photopharmacology. 2016 , 55, 10978-99	364
1575	Antimicrobial photodynamic inactivation: a bright new technique to kill resistant microbes. 2016 , 33, 67-73	403
1574	Aminolevulinic Acid-Mediated Photodynamic Therapy Causes Cell Death in MG-63 Human Osteosarcoma Cells. 2016 , 34, 400-5	15
1573	Photodynamic N-TiO Nanoparticle Treatment Induces Controlled ROS-mediated Autophagy and Terminal Differentiation of Leukemia Cells. 2016 , 6, 34413	70
1572	Magnetic iron oxide modified pyropheophorbide-a fluorescence nanoparticles as photosensitizers for photodynamic therapy against ovarian cancer (SKOV-3) cells. 2016 , 15, 1567-1578	18
1571	Effect of Porphyrin Sensitizer MgTPPS4 on Cytoskeletal System of HeLa Cell Line-Microscopic Study. 2016 , 74, 419-25	0
1570	Mitochondria-Targeted Photodynamic Therapy with a Galactodendritic Chlorin to Enhance Cell Death in Resistant Bladder Cancer Cells. 2016 , 27, 2762-2769	27
1569	Core-shell nanoscale coordination polymers combine chemotherapy and photodynamic therapy to potentiate checkpoint blockade cancer immunotherapy. 2016 , 7, 12499	484
1568	Riboflavin photoactivation by upconversion nanoparticles for cancer treatment. 2016 , 6, 35103	72
1567	BODIPY appended copper(II) complexes for cellular imaging and singlet oxygen mediated anticancer activity in visible light. 2016 , 6, 104474-104482	28
1566	Monitoring Tumor Hypoxia Using (18)F-FMISO PET and Pharmacokinetics Modeling after Photodynamic Therapy. 2016 , 6, 31551	24
1565	Tetraphenylporphyrin derivatives possessing piperidine group as potential agents for photodynamic therapy. 2016 , 165, 213-219	11
1564	Two-Dimensional Fully Conjugated Polymeric Photosensitizers for Advanced Photodynamic Therapy. 2016 , 28, 8651-8658	42
1563	Direct Capillary Printing in Medical Device Manufacture. 2016 , 309-372	

1562	A Triple-Collaborative Strategy for High-Performance Tumor Therapy by Multifunctional Mesoporous Silica-Coated Gold Nanorods. 2016 , 26, 4339-4350	130
1561	On The Latest Three-Stage Development of Nanomedicines based on Upconversion Nanoparticles. 2016 , 28, 3987-4011	194
1560	Interaction of acid ceramidase inhibitor LCL521 with tumor response to photodynamic therapy and photodynamic therapy-generated vaccine. 2016 , 139, 1372-8	16
1559	A photodynamic therapy combined with topical 5-aminolevulinic acid and systemic hematoporphyrin derivative is more efficient but less phototoxic for cancer. 2016 , 142, 813-21	32
1558	Enhanced Precision of Nanoparticle Phototargeting in Vivo at a Safe Irradiance. 2016 , 16, 4516-20	42
1557	Multifunctional Photosensitizer Grafted on Polyethylene Glycol and Polyethylenimine Dual-Functionalized Nanographene Oxide for Cancer-Targeted Near-Infrared Imaging and Synergistic Phototherapy. 2016 , 8, 17176-86	71
1556	Theranostic Agents for Photodynamic Therapy of Prostate Cancer by Targeting Prostate-Specific Membrane Antigen. 2016 , 15, 1834-44	37
1555	Effects of continuous wave and fractionated diode laser on human fibroblast cancer and dermal normal cells by zinc phthalocyanine in photodynamic therapy: A comparative study. 2016 , 161, 456-62	10
1554	Complexes trans-Pt(BODIPY)X(PET3)2: excitation energy-dependent fluorescence and phosphorescence emissions, oxygen sensing and photocatalysis. 2016 , 45, 10420-34	29
1553	5-Aminolevulinic acid regulates the inflammatory response and alloimmune reaction. 2016 , 37, 71-78	48
1552	Photodynamic evaluation of tetracarboxy-phthalocyanines in model systems. 2016 , 161, 100-7	22
1551	Inclusion complexation with β -cyclodextrin derivatives alters photodynamic activity and biodistribution of meta-tetra(hydroxyphenyl)chlorin. 2016 , 91, 172-82	21
1550	Low dose of GRP78-targeting subtilase cytotoxin improves the efficacy of photodynamic therapy in vivo. 2016 , 35, 3151-8	4
1549	Mechanistic studies on versatile metal-assisted hydrogen peroxide activation processes for biomedical and environmental incentives. 2016 , 327-328, 143-165	45
1548	Fluorescence evaluations for porphyrin formation during topical PDT using ALA and methyl-ALA mixtures in pig skin models. 2016 , 15, 236-44	6
1547	Cellular internalisation, bioimaging and dark and photodynamic cytotoxicity of silica nanoparticles doped by {MoI} metal clusters. 2016 , 4, 4839-4846	80
1546	Proposed Mechanisms of Photobiomodulation or Low-Level Light Therapy. 2016 , 22,	530
1545	Engineering of relevant photodynamic processes through structural modifications of metallotetrapyrrolic photosensitizers. 2016 , 325, 67-101	145

1544	Anthracene-based fluorescent nanoprobes for singlet oxygen detection in biological media. 2016 , 109, 64-72	19
1543	Two-photon-absorption DNA sensitization via solvated electron production: unraveling photochemical pathways by molecular modeling and simulation. 2016 , 18, 18598-606	20
1542	Albumin-Folate Conjugates for Drug-targeting in Photodynamic Therapy. 2016 , 92, 611-9	13
1541	Heat shock proteins in the context of photodynamic therapy: autophagy, apoptosis and immunogenic cell death. 2016 , 15, 1090-1102	29
1540	Red Blood Cell-Facilitated Photodynamic Therapy for Cancer Treatment. 2016 , 26, 1757-1768	133
1539	Mitochondrial dependent oxidative stress in cell culture induced by laser radiation at 1265 nm. 2016 , 31, 405-13	16
1538	Ruthenium(ii) complex-photosensitized multifunctionalized porous silicon nanoparticles for two-photon near-infrared light responsive imaging and photodynamic cancer therapy. 2016 , 4, 1337-1342	49
1537	Photosensitizers binding to nucleic acids as anticancer agents. 2016 , 8, 179-94	19
1536	A graphene quantum dot (GQD) nanosystem with redox-triggered cleavable PEG shell facilitating selective activation of the photosensitizer for photodynamic therapy. 2016 , 6, 6516-6522	23
1535	Targeted Photodynamic Virotherapy Armed with a Genetically Encoded Photosensitizer. 2016 , 15, 199-208	11
1534	Photodynamic Therapy with Hexa(sulfo-n-butyl)[60]Fullerene Against Sarcoma In Vitro and In Vivo. 2016 , 16, 171-81	15
1533	Photodynamic Graphene Quantum Dot: Reduction Condition Regulated Photoactivity and Size Dependent Efficacy. 2016 , 8, 3287-94	76
1532	Reactive Oxygen Species Mediated Activation of a Dormant Singlet Oxygen Photosensitizer: From Autocatalytic Singlet Oxygen Amplification to Chemically Controlled Photodynamic Therapy. 2016 , 138, 1215-25	109
1531	The design of redox active thiol peroxidase mimics: Dihydrolipoic acid recognition correlates with cytotoxicity and prooxidant action. 2016 , 104, 19-28	4
1530	Methylsulfonyl Zn phthalocyanine: A polyvalent and powerful hydrophobic photosensitizer with a wide spectrum of photodynamic applications. 2016 , 13, 40-47	25
1529	Nanostructured materials functionalized with metal complexes: In search of alternatives for administering anticancer metallodrugs. 2016 , 312, 67-98	146
1528	Nanochemistry and Nanomedicine for Nanoparticle-based Diagnostics and Therapy. 2016 , 116, 2826-85	962
1527	Establishment and comparison of three novel methods for the determination of the photodynamic therapy agent 2-[1-hexyloxyethyl]-2-devinyl pyropheophorbide-a (HPPH) in human serum. 2016 , 121, 13-21	4

1526	Pulse mode of laser photodynamic treatment induced cell apoptosis. 2016 , 13, 101-107	14
1525	Antimicrobial Effect of Photosensitized Rose Bengal on Bacteria and Viruses in Model Wash Water. 2016 , 9, 441-451	19
1524	Photodynamic therapy of human lung cancer xenografts in mice. 2016 , 200, 8-12	8
1523	Lipid micelles packaged with semiconducting polymer dots as simultaneous MRI/photoacoustic imaging and photodynamic/photothermal dual-modal therapeutic agents for liver cancer. 2016 , 4, 589-599	68
1522	ICG-conjugated Magnetic Graphene Oxide for Dual Photothermal and Photodynamic Therapy. 2016 , 6, 30285-30292	46
1521	Photodynamic therapy using methylene blue in lung adenocarcinoma xenograft and hamster cheek pouch induced squamous cell carcinoma. 2016 , 15, 109-14	12
1520	Photosensitizer-Conjugated Hyaluronic Acid-Shielded Polydopamine Nanoparticles for Targeted Photomediated Tumor Therapy. 2016 , 8, 7739-47	93
1519	Ruthenium porphyrin-induced photodamage in bladder cancer cells. 2016 , 14, 9-17	19
1518	High Aspect Ratio Nanotubes Formed by Tobacco Mosaic Virus for Delivery of Photodynamic Agents Targeting Melanoma. 2016 , 2, 838-844	38
1517	Methylene Blue-Mediated Photodynamic Inactivation Followed by Low-Laser Therapy versus Miconazole Gel in the Treatment of Denture Stomatitis. 2016 , 25, 28-32	13
1516	[Procedure for daylight methyl aminolevulinat e photodynamic therapy to treat actinic keratoses]. 2016 , 143, 257-63	2
1515	Recent Progress in Cancer Thermal Therapy Using Gold Nanoparticles. 2016 , 120, 4691-4716	631
1514	Hydrogen abstraction by photoexcited benzophenone: consequences for DNA photosensitization. 2016 , 18, 7829-36	22
1513	Anticancer drug released from near IR-activated prodrug overcomes spatiotemporal limits of singlet oxygen. 2016 , 24, 1540-9	20
1512	Mitochondrial selectivity and remarkable photocytotoxicity of a ferrocenyl neodymium(III) complex of terpyridine and curcumin in cancer cells. 2016 , 45, 6424-38	32
1511	New photosensitizers for photodynamic therapy. 2016 , 473, 347-64	968
1510	Clinical results of photodynamic therapy in tracheobronchial malignancy. 2016 , 156, 56-60	3
1509	Safety and biocompatibility of graphene: A new generation nanomaterial for biomedical application. 2016 , 86, 546-55	131

1508	Searching new antifungals: The use of in vitro and in vivo methods for evaluation of natural compounds. 2016 , 123, 68-78	35
1507	Sinoporphyrin sodium triggered sono-photodynamic effects on breast cancer both in vitro and in vivo. 2016 , 31, 437-48	71
1506	Making cancer visible--Dyes in surgical oncology. 2016 , 25, 30-6	7
1505	Sonodynamic therapy using 5-aminolevulinic acid enhances the efficacy of bleomycin. 2016 , 67, 76-84	8
1504	Anionic hexadeca-carboxylate tetrapyrzinoporphyrazine: synthesis and in vitro photodynamic studies of a water-soluble, non-aggregating photosensitizer. 2016 , 6, 10064-10077	12
1503	Far-Red Light-Activatable Prodrug of Paclitaxel for the Combined Effects of Photodynamic Therapy and Site-Specific Paclitaxel Chemotherapy. 2016 , 59, 3204-14	78
1502	Calcium phosphate-based organic-inorganic hybrid nanocarriers with pH-responsive on/off switch for photodynamic therapy. 2016 , 4, 826-38	51
1501	Metal-containing and related polymers for biomedical applications. 2016 , 45, 5232-63	171
1500	Rational design of a comprehensive cancer therapy platform using temperature-sensitive polymer grafted hollow gold nanospheres: simultaneous chemo/photothermal/photodynamic therapy triggered by a 650 nm laser with enhanced anti-tumor efficacy. 2016 , 8, 6837-50	42
1499	DNA photo-cleaving agents in the far-red to near-infrared range λ review. 2016 , 6, 24617-24634	16
1498	Synthesis and biological evaluation of peptide-conjugated phthalocyanine photosensitizers with highly hydrophilic modifications. 2016 , 14, 3409-22	20
1497	New trends in platinum and palladium complexes as antineoplastic agents. 2016 , 310, 41-79	152
1496	Endoplasmic reticulum targeting tumour selective photocytotoxic oxovanadium(IV) complexes having vitamin-B6 and acridinyl moieties. 2016 , 45, 783-96	24
1495	Effect of Metalation on Porphyrin-Based Bifunctional Agents in Tumor Imaging and Photodynamic Therapy. 2016 , 27, 667-80	27
1494	Photodynamic treatment with hexyl-aminolevulinic acid mediates reversible thiol oxidation in core oxidative stress signaling proteins. 2016 , 12, 796-805	5
1493	A new ER-specific photosensitizer unravels (1)O ₂ -driven protein oxidation and inhibition of deubiquitinases as a generic mechanism for cancer PDT. 2016 , 35, 3976-85	23
1492	On Image Segmentation Methods Applied to Glioblastoma: State of Art and New Trends. 2016 , 37, 131-143	25
1491	Combination of Photodynamic Therapy and Specific Immunotherapy Efficiently Eradicates Established Tumors. 2016 , 22, 1459-68	67

1490	Screening and In Vitro Evaluation of Mucoadhesive Thermo-responsive System Containing Methylene Blue for Local Photodynamic Therapy of Colorectal Cancer. 2016 , 33, 776-91	23
1489	Dendrimer porphyrin-coated gold nanoshells for the synergistic combination of photodynamic and photothermal therapy. 2016 , 52, 1258-61	69
1488	Recent Advances and Novel Treatments of Pancreatic Masses. 2016 , 319-327	
1487	Polymeric Nanoparticles for Cancer Photodynamic Therapy. 2016 , 370, 61-112	32
1486	Efficient anti-tumor effect of photodynamic treatment with polymeric nanoparticles composed of polyethylene glycol and polylactic acid block copolymer encapsulating hydrophobic porphyrin derivative. 2016 , 82, 154-60	17
1485	Dual-targeted activatable photosensitizers with aggregation-induced emission (AIE) characteristics for image-guided photodynamic cancer cell ablation. 2016 , 4, 169-176	58
1484	Contribution of resident and recruited macrophages to the photodynamic intervention of colorectal tumor microenvironment. 2016 , 37, 541-52	14
1483	Tetra-triethylenesulfonate substituted zinc phthalocyanine for photodynamic cancer therapy. 2016 , 13, 148-157	32
1482	Metal complexes of curcumin and curcumin derivatives for molecular imaging and anticancer therapy. 2016 , 307, 32-41	78
1481	The substituted amino group type dependent sensitivity enhancing of cationic phthalocyanine derivatives for photodynamic activity. 2016 , 315, 107-120	19
1480	Photodynamic Therapy for Choroidal Metastasis. 2016 , 161, 104-9.e1-2	33
1479	Visible light-induced cytotoxicity of a dinuclear iron(III) complex of curcumin with low-micromolar IC50 value in cancer cells. 2016 , 439, 8-17	31
1478	Induction of apoptosis in HPV16 E7 transfected human keratinocyte by ALA-mediated photodynamic therapy. 2016 , 13, 205-210	8
1477	Photodynamic therapy in colorectal cancer treatment--The state of the art in preclinical research. 2016 , 13, 158-174	40
1476	Quinones as photosensitizer for photodynamic therapy: ROS generation, mechanism and detection methods. 2016 , 13, 175-187	54
1475	Bleomycin enhances the efficacy of sonodynamic therapy using aluminum phthalocyanine disulfonate. 2016 , 28, 161-168	18
1474	Anti-tumor immunity of BAM-SiPc-mediated vascular photodynamic therapy in a BALB/c mouse model. 2017 , 14, 223-234	17
1473	Clinical advances of nanocarrier-based cancer therapy and diagnostics. 2017 , 14, 75-92	46

1472	Visible light induced antibacterial properties of a Ru(II)Pt(II) bimetallic complex. 2017 , 454, 229-233	13
1471	Positively charged phthalocyanine-arginine conjugates as efficient photosensitizer for photodynamic therapy. 2017 , 25, 1643-1651	8
1470	Self-Assembled Peptide- and Protein-Based Nanomaterials for Antitumor Photodynamic and Photothermal Therapy. 2017 , 29, 1605021	474
1469	Eradication of melanoma in vitro and in vivo via targeting with a Killer-Red-containing telomerase-dependent adenovirus. 2017 , 16, 1502-1508	4
1468	Efficacy Dependence of Photodynamic Therapy Mediated by Upconversion Nanoparticles: Subcellular Positioning and Irradiation Productivity. 2017 , 13, 1602053	43
1467	Application of aluminum chloride phthalocyanine-loaded solid lipid nanoparticles for photodynamic inactivation of melanoma cells. 2017 , 518, 228-241	41
1466	Relighting Photosensitizers by Synergistic Integration of Albumin and Perfluorocarbon for Enhanced Photodynamic Therapy. 2017 , 9, 3463-3473	89
1465	Light in diagnosis, therapy and surgery. 2017 , 1,	343
1464	Photodynamic therapy monitoring with optical coherence angiography. 2017 , 7, 41506	31
1463	Novel nanoparticulate systems for lung cancer therapy: an updated review. 2017 , 25, 499-512	31
1462	Graphene Oxide Decorated with Ru(II)-Polyethylene Glycol Complex for Lysosome-Targeted Imaging and Photodynamic/Photothermal Therapy. 2017 , 9, 6761-6771	114
1461	Mechanochemical Tuning of Pyrene Absorption Spectrum Using Force Probes. 2017 , 13, 727-736	6
1460	Towards the Synthesis of New Tumor Targeting Photosensitizers for Photodynamic Therapy and Imaging Applications. 2017 , 2, 190-200	12
1459	Recent advances in light-responsive on-demand drug-delivery systems. 2017 , 8, 89-107	114
1458	Neuroendocrine Tumor-Targeted Upconversion Nanoparticle-Based Micelles for Simultaneous NIR-Controlled Combination Chemotherapy and Photodynamic Therapy, and Fluorescence Imaging. 2017 , 27, 1604671	116
1457	Cell Death Mechanisms in Tumoral and Non-Tumoral Human Cell Lines Triggered by Photodynamic Treatments: Apoptosis, Necrosis and Parthanatos. 2017 , 7, 41340	40
1456	808 nm light responsive nanotheranostic agents based on near-infrared dye functionalized manganese ferrite for magnetic-targeted and imaging-guided photodynamic/photothermal therapy. 2017 , 5, 1803-1814	26
1455	Plant extracts as natural photosensitizers in photodynamic therapy: in vitro activity against human mammary adenocarcinoma MCF-7 cells. 2017 , 7, 358-366	14

1454	Tumor Microenvironment Activable Self-Assembled DNA Hybrids for pH and Redox Dual-Responsive Chemotherapy/PDT Treatment of Hepatocellular Carcinoma. 2017 , 4, 1600460	48
1453	Near-Infrared-Activated Upconversion Nanoprobes for Sensitive Endogenous Zn Detection and Selective On-Demand Photodynamic Therapy. 2017 , 89, 3492-3500	36
1452	Colloidal capsules: nano- and microcapsules with colloidal particle shells. 2017 , 46, 2091-2126	182
1451	Selective sensitiveness of mesenchymal stem cells to shock waves leads to anticancer effect in human cancer cell co-cultures. 2017 , 173, 28-35	3
1450	Surface markers for guiding cylindrical diffuser fiber insertion in interstitial photodynamic therapy of head and neck cancer. 2017 , 49, 599-608	15
1449	Orthogonal near-infrared upconversion co-regulated site-specific O ₂ delivery and photodynamic therapy for hypoxia tumor by using red blood cell microcarriers. 2017 , 125, 90-100	110
1448	Functional ferritin nanoparticles for biomedical applications. 2017 , 11, 633-646	57
1447	Design features for optimization of tetrapyrrole macrocycles as antimicrobial and anticancer photosensitizers. 2017 , 89, 192-206	85
1446	Near-infrared activatable phthalocyanine-poly-L-glutamic acid conjugate: increased cellular uptake and light-dark toxicity ratio toward an effective photodynamic cancer therapy. 2017 , 13, 1447-1458	21
1445	Multilayer photodynamic therapy for highly effective and safe cancer treatment. 2017 , 54, 271-280	16
1444	Water-Insoluble Photosensitizer Nanocolloids Stabilized by Supramolecular Interfacial Assembly towards Photodynamic Therapy. 2017 , 7, 42978	81
1443	Folic Acid-Conjugated Pyropheophorbide a as the Photosensitizer Tested for In Vivo Targeted Photodynamic Therapy. 2017 , 106, 1482-1489	11
1442	On the in vivo photochemical rate parameters for PDT reactive oxygen species modeling. 2017 , 62, R1-R48	50
1441	Autofluorescence Spectroscopy for Monitoring Metabolism in Animal Cells and Tissues. 2017 , 1560, 15-43	12
1440	Photophysics of chlorin e6: from one- and two-photon absorption to fluorescence and phosphorescence. 2017 , 7, 10992-10999	27
1439	Enhancement of 5-aminolevulinic acid-based fluorescence detection of side population-defined glioma stem cells by iron chelation. 2017 , 7, 42070	25
1438	Metal-Organic Framework Nanoparticles in Photodynamic Therapy: Current Status and Perspectives. 2017 , 27, 1606314	340
1437	Redox-responsive dextran based theranostic nanoparticles for near-infrared/magnetic resonance imaging and magnetically targeted photodynamic therapy. 2017 , 5, 762-771	31

1436	Synthesis of 2-morpholinetetraphenylporphyrins and their photodynamic activities. 2017 , 71, 299-304	3
1435	ACPI Conjugated Gold Nanorods as Nanoplatfrom for Dual Image Guided Activatable Photodynamic and Photothermal Combined Therapy In Vivo. 2017 , 13, 1603956	53
1434	In vitro evaluation of ruthenium complexes for photodynamic therapy. 2017 , 18, 83-94	8
1433	5-Aminolevulinic acid-mediated photodynamic therapy for bladder cancer. 2017 , 24, 97-101	70
1432	Antimicrobial and anticancer photodynamic activity of a phthalocyanine photosensitizer with N-methyl morpholiniumethoxy substituents in non-peripheral positions. 2017 , 172, 67-79	47
1431	Phototoxic action of a zinc(II) phthalocyanine encapsulated into poloxamine polymeric micelles in 2D and 3D colon carcinoma cell cultures. 2017 , 170, 140-151	18
1430	Chemical Design and Synthesis of Functionalized Probes for Imaging and Treating Tumor Hypoxia. 2017 , 117, 6160-6224	533
1429	Validation of a SPE HPLC-UV method for the quantification of a new ER-specific photosensitizer OR-141 in blood serum using total error concept. 2017 , 141, 87-94	5
1428	Overcome the limitation of hypoxia against photodynamic therapy to treat cancer cells by using perfluorocarbon nanodroplet for photosensitizer delivery. 2017 , 487, 483-487	25
1427	Singlet Oxygen Generation with Chemical Excitation of an Erythrosine-Luminol Conjugate. 2017 , 2, 1367-1371	11
1426	Supramolecular Photoactivatable Anticancer Hydrogels. 2017 , 139, 5656-5659	85
1425	Photodithazine photodynamic effect on viability of 9L/lacZ gliosarcoma cell line. 2017 , 32, 1245-1252	7
1424	Synthesis, spectroscopic characterization and biological evaluation of unsymmetrical aminosquarylium cyanine dyes. 2017 , 25, 3803-3814	19
1423	miRNAs: micro-managers of anticancer combination therapies. 2017 , 20, 269-285	47
1422	Assembly of polymer micelles through the sol-gel transition for effective cancer therapy. 2017 , 255, 258-269	16
1421	Taurine-modified Ru(II)-complex targets cancerous brain cells for photodynamic therapy. 2017 , 53, 6033-6036	26
1420	Crossfire for Two-Photon Photodynamic Therapy with Fluorinated Ruthenium (II) Photosensitizers. 2017 , 9, 18482-18492	55
1419	Targeting Photochemical Scalpels or Lancets in the Photodynamic Therapy Field-The Photochemist's Role. 2017 , 93, 1139-1153	18

1418	Spectroscopic analysis of the interaction between tetra-(p-sulfoazophenyl-4-aminosulfonyl)-substituted aluminum (III) phthalocyanines and serum albumins. 2017 , 10, 1650043	7
1417	Activatable Singlet Oxygen Generation from Lipid Hydroperoxide Nanoparticles for Cancer Therapy. 2017 , 129, 6592-6596	44
1416	Activatable Singlet Oxygen Generation from Lipid Hydroperoxide Nanoparticles for Cancer Therapy. 2017 , 56, 6492-6496	245
1415	Targeting YAP in malignant pleural mesothelioma. 2017 , 21, 2663-2676	37
1414	Targeted Photodynamic Therapy with a Folate/Sensitizer Assembly Produced from Mesoporous Silica. 2017 , 23, 7672-7676	8
1413	Cisplatin and photodynamic therapy exert synergistic inhibitory effects on small-cell lung cancer cell viability and xenograft tumor growth. 2017 , 487, 567-572	9
1412	Improved Photodynamic Therapy Efficacy of Protoporphyrin IX-Loaded Polymeric Micelles Using Erlotinib Pretreatment. 2017 , 18, 1836-1844	32
1411	Evaluation of methylene blue as photosensitizer in promastigotes of <i>Leishmania major</i> and <i>Leishmania braziliensis</i> . 2017 , 18, 325-330	20
1410	Coating lanthanide nanoparticles with carbohydrate ligands elicits affinity for HeLa and RAW264.7 cells, enhancing their photodamaging effect. 2017 , 25, 743-749	9
1409	Effective delivery of porphyrazine photosensitizers to cancer cells by polymer brush nanocontainers. 2017 , 10, 1189-1197	15
1408	Enhanced aggressiveness of bystander cells in an anti-tumor photodynamic therapy model: Role of nitric oxide produced by targeted cells. 2017 , 102, 111-121	26
1407	Current progress in antivasular tumor therapy. 2017 , 22, 1503-1515	22
1406	Near-infrared-emitting heteroleptic cationic iridium complexes derived from 2,3-diphenylbenzo[g]quinoxaline as in vitro theranostic photodynamic therapy agents. 2017 , 46, 8091-8103	45
1405	Combinatorial therapeutic approaches with RNAi and anticancer drugs using nanodrug delivery systems. 2017 , 43, 1391-1401	31
1404	Platinated porphyrin as a new organelle and nucleus dual-targeted photosensitizer for photodynamic therapy. 2017 , 15, 5764-5771	38
1403	Pheophorbide a, a compound isolated from the leaves of <i>Arrabidaea chica</i> , induces photodynamic inactivation of <i>Trypanosoma cruzi</i> . 2017 , 19, 256-265	21
1402	Exploration of Graphitic-CN Quantum Dots for Microwave-Induced Photodynamic Therapy. 2017 , 3, 1836-1844	60
1401	Nano Silver decorated Chitosan based Polyelectrolyte Microcapsules induced generation of excited Oxygen in Curcumin. 2017 , 4, 4366-4371	2

1400	Laser-induced generation of singlet oxygen and its role in the cerebrovascular physiology. 2017 , 55, 112-128	14
1399	Precise Two-Photon Photodynamic Therapy using an Efficient Photosensitizer with Aggregation-Induced Emission Characteristics. 2017 , 29, 1701076	204
1398	Phthalocyanines and Tetrapyrazinoporphyrazines with Two Cationic Donuts: High Photodynamic Activity as a Result of Rigid Spatial Arrangement of Peripheral Substituents. 2017 , 60, 6060-6076	35
1397	Claudin 4-targeted nanographene phototherapy using a Clostridium perfringens enterotoxin peptide-photosensitizer conjugate. 2017 , 38, 954-962	14
1396	Cationic dipyridylamine substituted zinc tetrapyrazinoporphyrazine derivatives for photodynamic therapy. 2017 , 346, 126-132	3
1395	Direct O optical excitation: A tool for redox biology. 2017 , 13, 39-59	41
1394	Basal cell carcinoma pathogenesis and therapy involving hedgehog signaling and beyond. 2017 , 56, 2543-2557	49
1393	The sensitivity of glioma cells to pyropheophorbide-methyl ester-mediated photodynamic therapy is enhanced by inhibiting ABCG2. 2017 , 49, 719-726	10
1392	One-Step Formulation of Targeted Aggregation-Induced Emission Dots for Image-Guided Photodynamic Therapy of Cholangiocarcinoma. 2017 , 11, 3922-3932	150
1391	Effectiveness of Photodynamic Therapy in Elimination of HPV-16 and HPV-18 Associated with CIN I in Mexican Women. 2017 , 93, 1269-1275	13
1390	[Intraperitoneal photodynamic therapy for peritoneal metastasis of epithelial ovarian cancer. Limits and future prospects]. 2017 , 45, 249-256	4
1389	Membrane Oxidation in Cell Delivery and Cell Killing Applications. 2017 , 12, 1170-1182	78
1388	Nanostructured materials for photodynamic therapy: synthesis, characterization and in vitro activity. 2017 , 7, 16963-16976	16
1387	Synthesis of a novel CB2 cannabinoid-porphyrin conjugate based on an antitumor chromenopyrazoledione. 2017 , 21, 67-76	4
1386	Methylene blue photodynamic therapy induces selective and massive cell death in human breast cancer cells. 2017 , 17, 194	79
1385	Tetra-2,3-pyrazinoporphyrazines with externally appended pyridine rings. 17. Photosensitizing properties and cellular effects of Zn octacationic and Zn/Pt hexacationic macrocycles in aqueous media: Perspectives of multimodal anticancer potentialities. 2017 , 169, 101-109	11
1384	Specific light-up pullulan-based nanoparticles with reduction-triggered emission and activatable photoactivity for the imaging and photodynamic killing of cancer cells. 2017 , 498, 170-181	31
1383	Au Nanoclusters and Photosensitizer Dual Loaded Spatiotemporal Controllable Liposomal Nanocomposites Enhance Tumor Photodynamic Therapy Effect by Inhibiting Thioredoxin Reductase. 2017 , 6, 1601453	22

1382	Evaluation of theranostic nanocarriers for near-infrared imaging and photodynamic therapy on human prostate cancer cells. 2017 , 154, 341-349	17
1381	Anisotropic noble metal nanoparticles: Synthesis, surface functionalization and applications in biosensing, bioimaging, drug delivery and theranostics. 2017 , 49, 45-65	63
1380	Synthesis of mono-, di- and triporphyrin building blocks by click chemistry for photodynamic therapy application. 2017 , 73, 532-541	6
1379	Protein Nanocage Mediated Fibroblast-Activation Protein Targeted Photoimmunotherapy To Enhance Cytotoxic T Cell Infiltration and Tumor Control. 2017 , 17, 862-869	113
1378	Multifunctional Metal-Organic Framework Nanoprobe for Cathepsin B-Activated Cancer Cell Imaging and Chemo-Photodynamic Therapy. 2017 , 9, 2150-2158	89
1377	Activatable Photosensitizers: Agents for Selective Photodynamic Therapy. 2017 , 27, 1604053	293
1376	Comparison of nanomedicine-based chemotherapy, photodynamic therapy and photothermal therapy using reduced graphene oxide for the model system. 2017 , 5, 331-340	56
1375	Theranostic TEMPO-functionalized Ru(ii) complexes as photosensitizers and oxidative stress indicators. 2017 , 46, 445-454	21
1374	Nitric oxide-mediated resistance to photodynamic therapy in a human breast tumor xenograft model: Improved outcome with NOS2 inhibitors. 2017 , 62, 52-61	30
1373	Unique Triphenylphosphonium Derivatives for Enhanced Mitochondrial Uptake and Photodynamic Therapy. 2017 , 28, 590-599	36
1372	NIR imaging-guided combined photodynamic therapy and chemotherapy by a pH-responsive amphiphilic polypeptide prodrug. 2017 , 5, 313-321	42
1371	AIE-active theranostic system: selective staining and killing of cancer cells. 2017 , 8, 1822-1830	149
1370	Bimodal Targeting Using Sulfonated, Mannosylated PEI for Combined Gene Delivery and Photodynamic Therapy. 2017 , 93, 600-608	6
1369	Foscan and foslip based photodynamic therapy in osteosarcoma in vitro and in intratibial mouse models. 2017 , 140, 1680-1692	21
1368	meso-Acetoxyethyl BODIPY dyes for photodynamic therapy: improved photostability of singlet oxygen photosensitizers. 2017 , 16, 178-184	32
1367	Photodynamic therapy mediated by acai oil (<i>Euterpe oleracea</i> Martius) in nanoemulsion: A potential treatment for melanoma. 2017 , 166, 301-310	53
1366	A novel device for intraoperative photodynamic therapy dedicated to glioblastoma treatment. 2017 , 13, 2441-2454	12
1365	Molecular photosensitisers for two-photon photodynamic therapy. 2017 , 53, 12857-12877	135

1364	Near-infrared photothermal/photodynamic therapy with indocyanine green induces apoptosis of hepatocellular carcinoma cells through oxidative stress. 2017 , 7, 13958	96
1363	Internal Targeting and External Control: Phototriggered Targeting in Nanomedicine. 2017 , 12, 1908-1916	12
1362	Potential of antimicrobial photodynamic inactivation by inorganic salts. 2017 , 15, 1059-1069	54
1361	Photodynamic therapy in oral potentially malignant disorders-Critical literature review of existing protocols. 2017 , 20, 125-129	12
1360	Bismuth-rhodamine: a new red light-excitable photosensitizer. 2017 , 46, 15991-15995	18
1359	Poly lactide-Based Block Copolymeric Micelles Loaded with Chlorin e6 for Photodynamic Therapy: In Vitro Evaluation in Monolayer and 3D Spheroid Models. 2017 , 14, 3789-3800	17
1358	Spectroscopic investigations on the binding of an iodinated chlorin p-copper complex to human serum albumin. 2017 , 16, 1762-1770	8
1357	Photosensitizers for Two-Photon Excited Photodynamic Therapy. 2017 , 27, 1704079	58
1356	Folate-PEG Conjugates of a Far-Red Light-Activatable Paclitaxel Prodrug to Improve Selectivity toward Folate Receptor-Positive Cancer Cells. 2017 , 2, 6349-6360	37
1355	Eradication of Multidrug-Resistant Staphylococcal Infections by Light-Activatable Micellar Nanocarriers in a Murine Model. 2017 , 27, 1701974	87
1354	Iodinated chlorin p copper complex induces anti-proliferative effect in oral cancer cells through elevation of intracellular reactive oxygen species. 2017 , 277, 137-144	6
1353	In vitro combined effect of Doxorubicin and sulfonated zinc Phthalocyanine-mediated photodynamic therapy on MCF-7 breast cancer cells. 2017 , 39, 1010428317727278	15
1352	A novel bacteriochlorin-styrylnaphthalimide conjugate for simultaneous photodynamic therapy and fluorescence imaging. 2017 , 19, 30195-30206	16
1351	Nanotechnology for Multimodal Synergistic Cancer Therapy. 2017 , 117, 13566-13638	949
1350	Photochemical internalization (PCI) of bleomycin is equally effective in two dissimilar leiomyosarcoma xenografts in athymic mice. 2017 , 20, 95-106	2
1349	Targeting Phosphatidylinositol 3-Kinase Signaling Pathway for Therapeutic Enhancement of Vascular-Targeted Photodynamic Therapy. 2017 , 16, 2422-2431	16
1348	A review of BF-200 ALA for the photodynamic treatment of mild-to-moderate actinic keratosis. 2017 , 13, 2413-2428	23
1347	Homo- and Heteroleptic Phototoxic Dinuclear Metallo-Intercalators Based on Rull(dppn) Intercalating Moieties: Synthesis, Optical, and Biological Studies. 2017 , 129, 12802-12807	4

1346	Chlorin e6-mediated photodynamic therapy promotes collagen production and suppresses MMPs expression via modulating AP-1 signaling in <i>P. acnes</i> -stimulated HaCaT cells. 2017 , 20, 71-77	15
1345	Influence and mechanism of 5-aminolevulinic acid-photodynamic therapy on the metastasis of esophageal carcinoma. 2017 , 20, 78-85	7
1344	Photodynamic-Immune Checkpoint Therapy Eradicates Local and Distant Tumors by CD8 T Cells. 2017 , 5, 832-838	57
1343	The Sequence Dependence of Photoinduced Single Strand Break in 5-Bromo-2'-deoxyuridine Labeled DNA Supports That Electron Transfer Is Responsible for the Damage. 2017 , 121, 9169-9174	2
1342	Chemotherapy-Induced Macrophage Infiltration into Tumors Enhances Nanographene-Based Photodynamic Therapy. 2017 , 77, 6021-6032	13
1341	Verteporfin inhibits growth of human glioma in vitro without light activation. 2017 , 7, 7602	49
1340	A novel visible light responsive nanosystem for cancer treatment. 2017 , 9, 15967-15973	60
1339	Thiophene-Based Organic Dyes as Potent Sensitizers for Photodynamic Therapy. 2017 , 2017, 5170-5177	13
1338	Simple nanophotosensitizer fabrication using water-soluble chitosan for photodynamic therapy in gastrointestinal cancer cells. 2017 , 532, 194-203	15
1337	Nanoparticle targeted folate receptor 1-enhanced photodynamic therapy for lung cancer. 2017 , 113, 59-68	41
1336	Inhibiting Metastasis and Preventing Tumor Relapse by Triggering Host Immunity with Tumor-Targeted Photodynamic Therapy Using Photosensitizer-Loaded Functional Nanographenes. 2017 , 11, 10147-10158	134
1335	Synthesis and evaluation of new 5-aminolevulinic acid derivatives as prodrugs of protoporphyrin for photodynamic therapy. 2017 , 16, 1623-1630	10
1334	Nanoparticles for Advanced Photodynamic Therapy of Cancer. 2017 , 35, 581-588	61
1333	Photodynamic Inactivation of Multidrug-Resistant Using Hybrid Photosensitizers Based on Amphiphilic Block Copolymer-Functionalized Gold Nanoparticles. 2017 , 2, 5364-5369	14
1332	Enhancement of cancerous cells treatment by applying cold atmospheric plasma and photodynamic therapy simultaneously. 2017 , 7-8, 46-51	7
1331	Carrier-free, self-assembled pure drug nanorods composed of 10-hydroxycamptothecin and chlorin e6 for combinatorial chemo-photodynamic antitumor therapy in vivo. 2017 , 9, 14347-14356	82
1330	Vessel-Targeted Chemophototherapy with Cationic Porphyrin-Phospholipid Liposomes. 2017 , 16, 2452-2461	29
1329	Photodynamic therapy with TMPyP - Porphyrine induces mitotic catastrophe and microtubule disorganization in HeLa and G361 cells, a comprehensive view of the action of the photosensitizer. 2017 , 173, 522-537	18

1328	A lysosome-targeted BODIPY as potential NIR photosensitizer for photodynamic therapy. 2017 , 147, 99-105	67
1327	Photosensitization mechanism of Cu(ii) porphyrins. 2017 , 19, 20533-20540	4
1326	The alteration of temoporfin distribution in multicellular tumor spheroids by β -cyclodextrins. 2017 , 529, 568-575	20
1325	Plasmonic enhancement of cyanine dyes for near-infrared light-triggered photodynamic/photothermal therapy and fluorescent imaging. 2017 , 28, 445710	12
1324	Mixed-ligand iridium(iii) complexes as photodynamic anticancer agents. 2017 , 46, 11395-11407	43
1323	Gold-stabilized carboxymethyl dextran nanoparticles for image-guided photodynamic therapy of cancer. 2017 , 5, 7319-7327	13
1322	Albumin based versatile multifunctional nanocarriers for cancer therapy: Fabrication, surface modification, multimodal therapeutics and imaging approaches. 2017 , 81, 607-626	61
1321	Facile synthesis of a highly water-soluble graphene conjugated chlorophyll-a photosensitizer composite for improved photodynamic therapy in vitro. 2017 , 41, 10069-10082	8
1320	Anti-MUC1 aptamer: A potential opportunity for cancer treatment. 2017 , 37, 1518-1539	71
1319	Effect of a photosensitization reaction performed during the first 3 min after exposure of rat myocardial cells to talaporfin sodium in vitro. 2017 , 32, 1873-1878	
1318	Partition of methylpheophorbide a, dioxidine and their conjugate in the 1-octanol/phosphate saline buffer biphasic system. 2017 , 115, 302-306	13
1317	Combination Treatment with Photodynamic Therapy and Laser Ablation in Breast Cancer: An Animal Model Study. 2017 , 35, 505-512	6
1316	Homo- and Heteroleptic Phototoxic Dinuclear Metallo-Intercalators Based on Ru (dppn) Intercalating Moieties: Synthesis, Optical, and Biological Studies. 2017 , 56, 12628-12633	21
1315	Development of resistance to photodynamic therapy (PDT) in human breast cancer cells is photosensitizer-dependent: Possible mechanisms and approaches for overcoming PDT-resistance. 2017 , 144, 63-77	32
1314	LiGaO:Cr-based theranostic nanoparticles for imaging-guided X-ray induced photodynamic therapy of deep-seated tumors. 2017 , 4, 1092-1101	85
1313	Bcl-2 inhibitor uploaded upconversion nanophotosensitizers to overcome the photodynamic therapy resistance of cancer through adjuvant intervention strategy. 2017 , 144, 73-83	33
1312	The photodynamic action of pheophorbide a induces cell death through oxidative stress in <i>Leishmania amazonensis</i> . 2017 , 174, 342-354	16
1311	Deciphering the photosensitization mechanisms of hypericin towards biological membranes. 2017 , 19, 23187-23193	14

1310	Efficacy of Indocyanine Green-Mediated Sonodynamic Therapy on Rheumatoid Arthritis Fibroblast-like Synoviocytes. 2017 , 43, 2690-2698	8
1309	Synthesis and Investigation of Photophysical and Biological Properties of Novel S-Containing Bacteriopurpurinimides. 2017 , 60, 10220-10230	9
1308	"Snorkelling" vs. "diving" in mixed micelles probed by means of a molecular bathymeter. 2017 , 15, 10281-10288	
1307	Photodynamic therapy targeting VCAM-1-expressing human umbilical vein endothelial cells using a PpIX/VCAM-1 binding peptide-quantum dot conjugate. 2017 , 7, 50562-50570	14
1306	Establishment and characterization of human osteosarcoma cells resistant to pyropheophorbide- β methyl ester-mediated photodynamic therapy. 2017 , 51, 1427-1438	14
1305	Ruthenium complex-modified carbon nanodots for lysosome-targeted one- and two-photon imaging and photodynamic therapy. 2017 , 9, 18966-18976	41
1304	In situ second-harmonic generation mediated photodynamic therapy by micelles co-encapsulating coordination nanoparticle and photosensitizer. 2017 , 7, 52125-52132	8
1303	Phthalocyanine-Conjugated Upconversion NaYF ₃ :Yb/Er @SiO ₂ Nanospheres for NIR-Triggered Photodynamic Therapy in a Tumor Mouse Model. 2017 , 12, 2066-2073	18
1302	Biomimetics: reconstitution of low-density lipoprotein for targeted drug delivery and related theranostic applications. 2017 , 46, 7668-7682	27
1301	Photochemical delivery of bleomycin induces T-cell activation of importance for curative effect and systemic anti-tumor immunity. 2017 , 268, 120-127	14
1300	Thermodynamics of solution and partition of dioxidine in water and the water/1-octanol biphasic system. 2017 , 248, 842-846	5
1299	Surface Modified TiC MXene Nanosheets for Tumor Targeting Photothermal/Photodynamic/Chemo Synergistic Therapy. 2017 , 9, 40077-40086	329
1298	Controllable Photodynamic Therapy Implemented by Regulating Singlet Oxygen Efficiency. 2017 , 4, 1700113	83
1297	Reactive Oxygen Species in Photodynamic Therapy: Mechanisms of Their Generation and Potentiation. 2017 , 70, 343-394	58
1296	Porphyrin modified trastuzumab improves efficacy of HER2 targeted photodynamic therapy of gastric cancer. 2017 , 141, 1478-1489	18
1295	Sub-100nm, long tumor retention SN-38-loaded photonic micelles for tri-modal cancer therapy. 2017 , 261, 297-306	25
1294	Strategies for optimizing the delivery to tumors of macrocyclic photosensitizers used in photodynamic therapy (PDT). 2017 , 21, 239-256	58
1293	Inhibition of lymphangiogenesis impairs antitumour effects of photodynamic therapy and checkpoint inhibitors in mice. 2017 , 83, 19-27	30

1292	RGD-Modified Albumin Nanoconjugates for Targeted Delivery of a Porphyrin Photosensitizer. 2017 , 14, 2793-2804	38
1291	Highly efficient photosensitizers with aggregation-induced emission characteristics obtained through precise molecular design. 2017 , 53, 8727-8730	65
1290	Metformin enhances the cytotoxicity of 5-aminolevulinic acid-mediated photodynamic therapy. 2017 , 14, 1049-1053	11
1289	New cyclometalated Ir(III) complexes with NCN pincer and meso-phenylcyanamide BODIPY ligands as efficient photodynamic therapy agents. 2017 , 7, 34160-34169	24
1288	Preparation and characterization of bioadhesive system containing hypericin for local photodynamic therapy. 2017 , 19, 284-297	22
1287	Photodynamic process induced by chloro-aluminum phthalocyanine nanoemulsion in glioblastoma. 2017 , 19, 221-228	26
1286	Current commercial and regulatory status of photodynamic therapy and diagnosis. 2017 , 17, A33	
1285	Anticancer effects elicited by combination of Rubus extract with phthalocyanine photosensitiser on MCF-7 human breast cancer cells. 2017 , 19, 266-273	11
1284	The in vitro photodynamic activity, photophysical and photochemical research of a novel chlorophyll-derived photosensitizer. 2017 , 26, 2639-2652	6
1283	Gold-coated magnetic nanoparticle as a nanotheranostic agent for magnetic resonance imaging and photothermal therapy of cancer. 2017 , 32, 1469-1477	48
1282	Photobiomodulation of breast and cervical cancer stem cells using low-intensity laser irradiation. 2017 , 39, 1010428317706913	14
1281	Photodynamic apoptosis and antioxidant activities of Brassica napus extracts in U937 and SK-HEP-1 cells. 2017 , 60, 427-435	5
1280	Review: recent advances and future development of metal complexes as anticancer agents. 2017 , 70, 2175-2201	58
1279	Feasibility of photodynamic therapy for secondary hyperparathyroidism in chronic renal failure rats. 2017 , 21, 563-572	1
1278	Water-Soluble Zinc Porphyrin Capable of Light-Induced Photocleavage of DNA: Cell Localization Studies in Drosophila Melanogaster and Light Activated Treatment of Lung Cancer Cells. 2017 , 2017, 153-159	10
1277	Mitochondrial-targeted photosensitizer-loaded folate-albumin nanoparticle for photodynamic therapy of cancer. 2017 , 13, 733-743	32
1276	Toward Photopharmacological Antimicrobial Chemotherapy Using Photoswitchable Amidohydrolase Inhibitors. 2017 , 3, 152-161	53
1275	Nanosized mesoporous metal-organic framework MIL-101 as a nanocarrier for photoactive hexamolybdenum cluster compounds. 2017 , 166, 100-107	48

1274	Photodynamic therapy: Inception to application in breast cancer. 2017 , 31, 105-113	88
1273	A combination of photodynamic therapy and chemotherapy displays a differential cytotoxic effect on human metastatic melanoma cells. 2017 , 166, 18-27	24
1272	Exploiting the protein corona around gold nanorods for low-dose combined photothermal and photodynamic therapy. 2017 , 5, 254-268	55
1271	Cyclometalated Ir(III) Complexes as Mitochondria-Targeted Photodynamic Anticancer Agents. 2017 , 2017, 1764-1771	15
1270	Non-covalent complexes of polycationic fullerene C60 derivative with xanthene dyes: Spectral and photochemical properties in water and in liposomes. 2017 , 139, 65-72	18
1269	The influence of photodynamic therapy with 5-aminolevulinic acid on senescent skin cancer cells. 2017 , 17, 29-34	6
1268	Organic nanoparticle systems for spatiotemporal control of multimodal chemotherapy. 2017 , 14, 427-446	17
1267	Phage-Enabled Nanomedicine: From Probes to Therapeutics in Precision Medicine. 2017 , 56, 1964-1992	98
1266	Chemophototherapy: An Emerging Treatment Option for Solid Tumors. 2017 , 4, 1600106	261
1265	ROS generation and DNA damage with photo-inactivation mediated by silver nanoparticles in lung cancer cell line. 2017 , 11, 173-178	36
1264	Synthesis and photodynamic therapy of mono-mannose modified perylene bisimide bridged permethyl- β -CDs. 2017 , 136, 569-576	12
1263	Nanomedizin auf Phagenbasis: von Sonden zu Therapeutika für eine Präzisionsmedizin. 2017 , 129, 1992-2022	7
1262	Electrosprayed Janus Particles for Combined Photo-Chemotherapy. 2017 , 18, 1460-1468	21
1261	A photodynamic bifunctional conjugate for prostate cancer: an in vitro mechanistic study. 2017 , 35, 115-123	12
1260	Advances in mesoporous silica-based nanocarriers for co-delivery and combination therapy against cancer. 2017 , 14, 229-243	131
1259	Applications of genetically encoded photosensitizer miniSOG: from correlative light electron microscopy to immunophotosensitizing. 2017 , 10, 338-352	38
1258	Photoantimicrobials-are we afraid of the light?. 2017 , 17, e49-e55	334
1257	Near-infrared light activation of quenched liposomal Ce6 for synergistic cancer phototherapy with effective skin protection. 2017 , 127, 13-24	97

1256	Comprehensive study of hexarhenium cluster complex Na[$\{\text{ReTe}\}(\text{CN})$] - In terms of a new promising luminescent and X-ray contrast agent. 2017 , 13, 755-763	37
1255	Zn phthalocyanine conjugation to H2-ul aptamer for HER2-targeted breast cancer photodynamic therapy: Design, optimization and properties. 2017 , 21, 887-892	7
1254	Mitochondria-Targeted Anticancer Activity of BODIPY-Appended Iron(III) Catecholates in Red Light. 2017 , 2, 11686-11692	9
1253	Ag-doping regulates the cytotoxicity of TiO nanoparticles via oxidative stress in human cancer cells. 2017 , 7, 17662	82
1252	Photosensitizing Properties of 6H-Dibenzo[b, h]xanthene Derivatives. 2017 , 2, 11732-11738	3
1251	Nanoparticle-Based Photodynamic Therapy: Current Status and Future Application to Improve Outcomes of Cancer Treatment. 2017 , 65, 637-641	23
1250	ssDNA damage dependence from singlet oxygen concentration at photodynamic interaction. 2017 , 917, 042013	1
1249	Nanocarriers for Photosensitizers for Use in Antimicrobial Photodynamic Therapy. 2017 , 481-502	5
1248	Photodynamic Physiology-Photonanomanipulations in Cellular Physiology with Protein Photosensitizers. 2017 , 8, 191	22
1247	Targeted Nanomaterials for Phototherapy. 2017 , 1, 38-58	98
1246	Photodynamic opening of blood-brain barrier. 2017 , 8, 5040-5048	32
1245	Antimicrobial Photodynamic Therapy (APDT) Action Based on Nanostructured Photosensitizers. 2017 , 9-29	4
1244	Smart Cu(II)-aptamer complexes based gold nanoplatfrom for tumor micro-environment triggered programmable intracellular prodrug release, photodynamic treatment and aggregation induced photothermal therapy of hepatocellular carcinoma. 2017 , 7, 164-179	53
1243	Charomers-Interleukin-6 Receptor Specific Aptamers for Cellular Internalization and Targeted Drug Delivery. 2017 , 18,	10
1242	Brazilian Green Propolis Extract Synergizes with Protoporphyrin IX-mediated Photodynamic Therapy via Enhancement of Intracellular Accumulation of Protoporphyrin IX and Attenuation of NF- κ B and COX-2. 2017 , 22,	9
1241	Modes of Cell Death Induced by Photodynamic Therapy Using Zinc Phthalocyanine in Lung Cancer Cells Grown as a Monolayer and Three-Dimensional Multicellular Spheroids. 2017 , 22,	10
1240	Water-soluble Manganese and Iron Mesotetrakis(carboxyl)porphyrin: DNA Binding, Oxidative Cleavage, and Cytotoxic Activities. 2017 , 22,	12
1239	Studies on the Synthesis, Photophysical and Biological Evaluation of Some Unsymmetrical Meso-Tetrasubstituted Phenyl Porphyrins. 2017 , 22,	10

1238	Biotinylated Chlorin and Its Zinc and Indium Complexes: Synthesis and In Vitro Biological Evaluation for Photodynamic Therapy. 2017 , 10,	11
1237	Role of nanostructure molecules in enhancing the bioavailability of oral drugs. 2017 , 375-407	6
1236	Photodynamic Synergistic Effect of Pheophorbide a and Doxorubicin in Combined Treatment against Tumoral Cells. 2017 , 9,	25
1235	Oncologic Photodynamic Therapy: Basic Principles, Current Clinical Status and Future Directions. 2017 , 9,	489
1234	Analysis of Hypericin-Mediated Effects and Implications for Targeted Photodynamic Therapy. 2017 , 18,	17
1233	Photodynamic Efficiency of Xanthene Dyes and Their Phototoxicity against a Carcinoma Cell Line: A Computational and Experimental Study. 2017 , 2017, 1-9	20
1232	Nanodrug Delivery Systems for Dermal and Transdermal Photosensitizer Drugs. 2017 , 267-280	0
1231	Interstitial Photodynamic Therapy-A Focused Review. 2017 , 9,	89
1230	716 nm deep-red passively Q-switched Pr:ZBLAN all-fiber laser using a carbon-nanotube saturable absorber. 2017 , 42, 671-674	20
1229	Lovastatin Inhibits Cancer Stem Cells and Sensitizes to Chemo- and Photodynamic Therapy in Nasopharyngeal Carcinoma. 2017 , 8, 1655-1664	25
1228	Photodynamic therapy by conjugation of cell-penetrating peptide with fluorochrome. 2017 , 12, 8185-8196	7
1227	Design of Tumor Acidity-Responsive Sheddable Nanoparticles for Fluorescence/Magnetic Resonance Imaging-Guided Photodynamic Therapy. 2017 , 7, 1290-1302	38
1226	Nitric Oxide and Nitric Oxide Donors in Preclinical Studies of Breast and Prostate Cancer. 2017 , 57-70	
1225	Transcriptional activation of HIF-1 by a ROS-ERK axis underlies the resistance to photodynamic therapy. 2017 , 12, e0177801	30
1224	5-FU resistant EMT-like pancreatic cancer cells are hypersensitive to photochemical internalization of the novel endoglin-targeting immunotoxin CD105-saporin. 2017 , 36, 187	11
1223	Delineation of Tumor Habitats based on Dynamic Contrast Enhanced MRI. 2017 , 7, 9746	34
1222	Patient satisfaction and reported outcomes on the management of actinic keratosis. 2017 , 10, 179-184	6
1221	Porphyrin photosensitizers in photodynamic therapy and its applications. 2017 , 8, 81591-81603	251

1220	Microscopic time-resolved imaging of singlet oxygen by delayed fluorescence in living cells. 2017 , 16, 1643-1653	8
1219	Polymeric mixed micelles loaded mitoxantrone for overcoming multidrug resistance in breast cancer via photodynamic therapy. 2017 , 12, 6595-6604	11
1218	Low Level Energy Photodynamic Therapy for Skin Processes and Regeneration. 2017 ,	2
1217	Heptamethine Cyanine Dye Nanocomplexes for Multi Modal Theranosis of Tumors. 2017 , 53, 83-94	13
1216	Nanotherapy: a next generation hallmark for combating cancer. 2017 , 811-830	2
1215	Oxygen and indocyanine green loaded phase-transition nanoparticle-mediated photo-sonodynamic cytotoxic effects on rheumatoid arthritis fibroblast-like synoviocytes. 2017 , 12, 381-393	27
1214	Detection of Treatment Success after Photodynamic Therapy Using Dynamic Contrast-Enhanced Magnetic Resonance Imaging. 2017 , 7, 4643-4657	9
1213	Application Potential of Engineered Liposomes in Tumor Targeting. 2017 , 171-191	9
1212	Efficient cell death induction in human glioblastoma cells by photodynamic treatment with Tetrahydroporphyrin-Tetratosylat (THPTS) and ionizing irradiation. 2017 , 8, 72411-72423	10
1211	An efficient synergistic cancer therapy by integrating cell cycle inhibitor and photosensitizer into polydopamine nanoparticles. 2018 , 6, 2620-2629	9
1210	Enhanced Photodynamic Therapy by Reduced Levels of Intracellular Glutathione Obtained By Employing a Nano-MOF with Cull as the Active Center. 2018 , 130, 4985-4990	57
1209	Photonic technology for the treatments of venous and arterial ulcers: Case report. 2018 , 22, 39-41	4
1208	Localized Surface Plasmon Resonance Enhanced Singlet Oxygen Generation and Light Absorption Based on Black Phosphorus@AuNPs Nanosheet for Tumor Photodynamic/Thermal Therapy. 2018 , 35, 1800010	33
1207	Low-Dose X-ray Activation of W(VI)-Doped Persistent Luminescence Nanoparticles for Deep-Tissue Photodynamic Therapy. 2018 , 28, 1707496	120
1206	Upregulation of nitric oxide in tumor cells as a negative adaptation to photodynamic therapy. 2018 , 50, 590-598	17
1205	Role of cell stress signaling networks in cancer cell death and antitumor immune response following proteotoxic injury inflicted by photodynamic therapy. 2018 , 50, 491-498	16
1204	Coralyn, a protoberberine alkaloid, causes robust photosensitization of cancer cells through ATR-p38 MAPK-BAX and JAK2-STAT1-BAX pathways. 2018 , 285, 27-39	10
1203	Molecular demultiplexer as a terminator automaton. 2018 , 9, 805	40

1202	Learning from clinical phenotypes: Low-dose biophotonics therapies in oral diseases. 2018 , 24, 261-276	10
1201	DNA damage photo-induced by chloroharmines isomers: hydrolysis versus oxidation of nucleobases. 2018 , 16, 2170-2184	11
1200	Photophysical properties and photocytotoxicity of free and liposome-entrapped diazepinoporphyrazines on LNCaP cells under normoxic and hypoxic conditions. 2018 , 150, 64-73	16
1199	cRGD Peptide-Conjugated Pyropheophorbide-a Photosensitizers for Tumor Targeting in Photodynamic Therapy. 2018 , 15, 1505-1514	23
1198	Oxidation of Acid, Base, and Amide Side-Chain Amino Acid Derivatives via Hydroxyl Radical. 2018 , 122, 4956-4971	3
1197	Disassembly of Hydrophobic Photosensitizer by Biodegradable Zeolitic Imidazolate Framework-8 for Photodynamic Cancer Therapy. 2018 , 10, 15517-15523	47
1196	An intelligent dual stimuli-responsive photosensitizer delivery system with O ₂ -supplying for efficient photodynamic therapy. 2018 , 167, 299-309	15
1195	New peripherally and non-peripherally tetra-substituted metal-free, magnesium(II) and zinc(II) phthalocyanine derivatives fused chalcone units: Design, synthesis, spectroscopic characterization, photochemistry and photophysics. 2018 , 361, 1-11	23
1194	Layer-by-layer hollow photosensitizer microcapsule design via a manganese carbonate hard template for photodynamic therapy in cells. 2018 , 22, 169-177	15
1193	Photodynamic therapy with topical photosensitizers in mucosal and semimucosal areas: Review from a dermatologic perspective. 2018 , 23, 119-131	3
1192	Meso-substituted porphyrin photosensitizers with enhanced near-infrared absorption: Synthesis, characterization and biological evaluation for photodynamic therapy. 2018 , 74, 2677-2683	7
1191	Surface Decorated Porphyrinic Nanoscale Metal-Organic Framework for Photodynamic Therapy. 2018 , 57, 5420-5428	55
1190	ROS-responsive mesoporous silica nanoparticles for MR imaging-guided photodynamically maneuvered chemotherapy. 2018 , 10, 9616-9627	36
1189	Novel hydro- and lipo-philic selenium zinc(II) phthalocyanines: Synthesis, photophysical properties and photodynamic effects on CT26 colon carcinoma cells. 2018 , 156, 133-139	2
1188	Synthesis of Self-Assembled Porphyrin Nanoparticle Photosensitizers. 2018 , 12, 3796-3803	152
1187	Light-Controlled Simultaneous "On Demand" Release of Cytotoxic Combinations for Bimodal Killing of Cancer Cells. 2018 , 24, 7664-7670	5
1186	Highly Sensitive Luminescence Detection of Photosensitized Singlet Oxygen within Photonic Crystal Fibers. 2018 , 2, 616-621	4
1185	Simultaneous Monitoring of Cell-surface Receptor and Tumor-targeted Photodynamic Therapy via TdT-initiated Poly-G-Quadruplexes. 2018 , 8, 5551	12

1184	Conjugated Polymers for Photodynamic Therapy. 2018 , 269-294	
1183	pH-Responsive Magnetic Mesoporous Silica-Based Nanoplatfor for Synergistic Photodynamic Therapy/Chemotherapy. 2018 , 10, 15001-15011	44
1182	Photo-induced anticancer activity and singlet oxygen production of prodigiosenes. 2018 , 17, 599-606	0
1181	Tuning the Hydrophobicity of a Mitochondria-Targeted NO Photodonor. 2018 , 13, 1238-1245	5
1180	Enhanced Photodynamic Therapy by Reduced Levels of Intracellular Glutathione Obtained By Employing a Nano-MOF with Cu as the Active Center. 2018 , 57, 4891-4896	194
1179	Catalytically Active Single-Chain Polymeric Nanoparticles: Exploring Their Functions in Complex Biological Media. 2018 , 140, 3423-3433	81
1178	Nitric oxide antagonism to glioblastoma photodynamic therapy and mitigation thereof by BET bromodomain inhibitor JQ1. 2018 , 293, 5345-5359	21
1177	Dose-dependent photochemical/photothermal toxicity of indocyanine green-based therapy on three different cancer cell lines. 2018 , 21, 334-343	24
1176	Sterically induced distortions of nickel(II) porphyrins [Comprehensive investigation by DFT calculations and resonance Raman spectroscopy. 2018 , 360, 1-16	25
1175	Tetrapyrazinoporphyrazines and their metal derivatives. Part II: Electronic structure, electrochemical, spectral, photophysical and other application related properties. 2018 , 361, 1-73	49
1174	Light-induced oxidant production by fluorescent proteins. 2018 , 128, 157-164	31
1173	A randomized, multinational, noninferiority, phase III trial to evaluate the safety and efficacy of BF-200 aminolaevulinic acid gel vs. methyl aminolaevulinate cream in the treatment of nonaggressive basal cell carcinoma with photodynamic therapy. 2018 , 179, 309-319	35
1172	Photodynamic therapy via navigational bronchoscopy for peripheral lung cancer in dogs. 2018 , 50, 483-490	21
1171	Liposomal Form of Tetra(Aryl)Tetracyanoporphyrazine: Physical Properties and Photodynamic Activity In Vitro. 2018 , 28, 513-522	7
1170	In Vitro Photodynamic Activity of N-Methylated and N-Oxidised Tripyridyl Porphyrins with Long Alkyl Chains and Their Inhibitory Activity in Sphingolipid Metabolism. 2018 , 13, 360-372	4
1169	Two-Photon-Excited Silica and Organosilica Nanoparticles for Spatiotemporal Cancer Treatment. 2018 , 7, e1701248	30
1168	Recent progress in synergistic chemotherapy and phototherapy by targeted drug delivery systems for cancer treatment. 2018 , 46, 817-830	38
1167	Synthesis of indocyanine green functionalized comblike poly(aspartic acid) derivatives for enhanced cancer cell ablation by targeting the endoplasmic reticulum. 2018 , 9, 1206-1215	15

1166	A Review of Photodynamic Therapy for Neoplasms of the Head and Neck. 2018 , 35, 324-340	53
1165	Mitochondria-targeting indolizino[3,2-c]quinolines as novel class of photosensitizers for photodynamic anticancer activity. 2018 , 148, 116-127	35
1164	The influence of different illumination parameters on protoporphyrin IX induced cell death in squamous cell carcinoma cells. 2018 , 21, 385-392	7
1163	Remotely Phototriggered, Transferrin-Targeted Polymeric Nanoparticles for the Treatment of Breast Cancer. 2018 , 94, 765-774	19
1162	Beneficial Role of Low-Intensity Laser Irradiation on Neural β -tubulin III Protein Expression in Human Bone Marrow Multipotent Mesenchymal Stromal Cells. 2018 , 14, 585-598	4
1161	The Static Magnetic Field Remotely Boosts the Efficiency of Doxorubicin through Modulating ROS Behaviors. 2018 , 8, 990	17
1160	Photodynamic therapy using pheophorbide and 670nm LEDs exhibits anti-cancer effects in-vitro in androgen dependent prostate cancer. 2018 , 21, 130-137	13
1159	Adjuvant Photothermal Therapy Inhibits Local Recurrences after Breast-Conserving Surgery with Little Skin Damage. 2018 , 12, 662-670	51
1158	New photodynamic molecular beacons (PMB) as potential cancer-targeted agents in PDT. 2018 , 26, 688-702	9
1157	Photodynamic therapy of mouse tumor model using chlorin e6- polyvinyl alcohol complex. 2018 , 178, 614-622	16
1156	Contribution of photodynamic therapy in wound healing: A systematic review. 2018 , 21, 294-305	52
1155	Photodynamic therapy and diagnosis: Principles and comparative aspects. 2018 , 233, 8-18	51
1154	Selective cancer treatment via photodynamic sensitization of hypoxia-responsive drug delivery. 2018 , 10, 2856-2865	64
1153	Metal-based BODIPY derivatives as multimodal tools for life sciences. 2018 , 358, 108-124	70
1152	pH-responsive gold nanoclusters-based nanoprobe for lung cancer targeted near-infrared fluorescence imaging and chemo-photodynamic therapy. 2018 , 68, 308-319	62
1151	Resveratrol enhances the effects of ALA-PDT on skin squamous cells A431 through p38/ MAPK signaling pathway. 2018 , 21, 797-803	9
1150	Molecular imaging of tumor photoimmunotherapy: Evidence of photosensitized tumor necrosis and hemodynamic changes. 2018 , 116, 1-10	12
1149	Combination of photodynamic therapy (PDT) and anti-tumor immunity in cancer therapy. 2018 , 48, 143-151	100

1148	Synthesis and biological evaluation of new water-soluble photoactive chlorin conjugate for targeted delivery. 2018 , 144, 740-750	18
1147	Therapeutic Considerations and Conjugated Polymer-Based Photosensitizers for Photodynamic Therapy. 2018 , 39, 1700614	46
1146	Photoactivated in Vitro Anticancer Activity of Rhenium(I) Tricarbonyl Complexes Bearing Water-Soluble Phosphines. 2018 , 57, 1311-1331	94
1145	Theranostics of Triple-Negative Breast Cancer Based on Conjugated Polymer Nanoparticles. 2018 , 10, 10634-10646	48
1144	Theoretical Insights into the Switching Off/On of O Photosensitization in Chemically Controlled Photodynamic Therapy. 2018 , 24, 3512-3519	10
1143	Photodynamic therapy in 3D cancer models and the utilisation of nanodelivery systems. 2018 , 10, 1570-1581	47
1142	Combination vismodegib and photodynamic therapy for multiple basal cell carcinomas. 2018 , 21, 58-62	16
1141	Ru(II) polypyridyl complexes as photocages for bioactive compounds containing nitriles and aromatic heterocycles. 2018 , 54, 1280-1290	49
1140	PEG conjugated BODIPY-Br as macro-photosensitizer for efficient imaging-guided photodynamic therapy. 2018 , 6, 753-762	27
1139	Platelet membrane coating coupled with solar irradiation endows a photodynamic nanosystem with both improved antitumor efficacy and undetectable skin damage. 2018 , 159, 59-67	38
1138	An Assembled Nanocomplex for Improving both Therapeutic Efficiency and Treatment Depth in Photodynamic Therapy. 2018 , 130, 7885-7889	18
1137	Neutrophil-Based Drug Delivery Systems. 2018 , 30, e1706245	126
1136	Inhibition of autophagy sensitizes cancer cells to Photofrin-based photodynamic therapy. 2018 , 18, 210	25
1135	Translating phototherapeutic indices from in vitro to in vivo photodynamic therapy with bacteriochlorins. 2018 , 50, 451-459	19
1134	Photodynamic therapy as an alternative to antibiotic therapy for the treatment of infected leg ulcers. 2018 , 23, 132-143	26
1133	Tumor-Activated Water-Soluble Photosensitizers for Near-Infrared Photodynamic Cancer Therapy. 2018 , 10, 16335-16343	57
1132	CuS Nanocrystals Cross-Linked with Chlorin e6-Functionalized Polyethylenimine for Synergistic Photodynamic and Photothermal Therapy of Cancer. 2018 , 10, 16344-16351	40
1131	An Assembled Nanocomplex for Improving both Therapeutic Efficiency and Treatment Depth in Photodynamic Therapy. 2018 , 57, 7759-7763	71

1130	ROS-induced autophagy reduces B16F10 melanoma cell proliferative activity. 2018 , 33, 1335-1340	11
1129	A near infrared singlet oxygen probe and its applications in in vivo imaging and measurement of singlet oxygen quenching activity of flavonoids. 2018 , 266, 645-654	15
1128	Photooxidatively crosslinked acellular tumor extracellular matrices as potential tumor engineering scaffolds. 2018 , 71, 460-473	8
1127	Oxygen self-sufficient fluorinated polypeptide nanoparticles for NIR imaging-guided enhanced photodynamic therapy. 2018 , 6, 2323-2331	31
1126	Design of drug delivery systems for physical energy-induced chemical surgery. 2018 , 178, 583-596	11
1125	A chemical/molecular 4-input/2-output keypad lock with easy resettability based on red-emission carbon dots-Prussian blue composite film electrodes. 2018 , 10, 7484-7493	20
1124	Material Chemistry of Two-Dimensional Inorganic Nanosheets in Cancer Theranostics. 2018 , 4, 1284-1313	111
1123	Current and Future Approaches for Effective Cancer Imaging and Treatment. 2018 , 33, 39-51	24
1122	Water-soluble porphyrin-PAMAM-conjugates of melphalan and their anticancer activity. 2018 , 44, 1342-1349	6
1121	Harnessing ruthenium(II) as photodynamic agents: Encouraging advances in cancer therapy. 2018 , 363, 17-28	105
1120	Inhibition of autophagy potentiates the apoptosis-inducing effects of photodynamic therapy on human colon cancer cells. 2018 , 21, 396-403	19
1119	Photodynamic treatment outcomes of potentially-malignant lesions and malignancies of the head and neck region: A systematic review. 2018 , 9, e12270	19
1118	Near-infrared photodynamic inactivation of <i>S. pneumoniae</i> and its interaction with RAW 264.7 macrophages. 2018 , 11, e201600283	6
1117	Characterization of a multiple particle delivery complex and determination of cellular photodamage in skin fibroblast and breast cancer cell lines. 2018 , 11, e201700077	4
1116	Viscosity reduction of isotonic solutions of the photosensitizer TPCS by cyclodextrin complexation. 2018 , 44, 261-265	2
1115	Synthesis and investigation of water-soluble chlorophyll pigments for antimicrobial photodynamic therapy. 2018 , 149, 553-559	34
1114	Potential by potassium iodide reveals that the anionic porphyrin TPPS4 is a surprisingly effective photosensitizer for antimicrobial photodynamic inactivation. 2018 , 178, 277-286	52
1113	In silico modelling of apoptosis induced by photodynamic therapy. 2018 , 436, 8-17	5

1112	Lab-on-a-chip systems for photodynamic therapy investigations. 2018 , 101, 37-51	25
1111	A selenophene substituted diketopyrrolopyrrole nanotheranostic agent for highly efficient photoacoustic/infrared-thermal imaging-guided phototherapy. 2018 , 5, 98-105	26
1110	Oligo(-phenylenevinylene) Derivative-Incorporated and Enzyme-Responsive Hybrid Hydrogel for Tumor Cell-Specific Imaging and Activatable Photodynamic Therapy. 2018 , 4, 2037-2045	14
1109	Reactive Oxygen Species Produced by a Photodynamic Effect Induced Calcium Signal in Neurons and Astrocytes. 2018 , 55, 96-102	12
1108	Protein 4.1R is Involved in the Transport of 5-Aminolevulinic Acid by Interaction with GATs in MEF Cells. 2018 , 94, 173-178	4
1107	Formation of plasmon quenching dips greatly enhances $^{1}O_2$ generation in a chlorin e6/gold nanorod coupled system. 2018 , 11, 1456-1469	11
1106	Secretion of the angiogenic factor VEGF after photodynamic therapy with ALA under hypoxia-like conditions in colon cancer cells. 2018 , 21, 16-18	14
1105	Black Phosphorus Quantum Dots with Renal Clearance Property for Efficient Photodynamic Therapy. 2018 , 14, 1702815	136
1104	A new therapeutic proposal for inoperable osteosarcoma: Photodynamic therapy. 2018 , 21, 79-85	8
1103	Facile Supramolecular Approach to Nucleic-Acid-Driven Activatable Nanotheranostics That Overcome Drawbacks of Photodynamic Therapy. 2018 , 12, 681-688	117
1102	Hyperbranched Polyglycerol Loaded with (Zinc-)Porphyrins: Photosensitizer Release Under Reductive and Acidic Conditions for Improved Photodynamic Therapy. 2018 , 19, 222-238	24
1101	DNA-Au Nanomachine Equipped with i-Motif and G-Quadruplex for Triple Combinatorial Anti-Tumor Therapy. 2018 , 28, 1705416	59
1100	Inhibitory effect of aloe emodin mediated photodynamic therapy on human oral mucosa carcinoma in vitro and in vivo. 2018 , 97, 697-707	25
1099	Potential Applications of Cucurbit[n]urils Inclusion Complexes in Photodynamic Therapy. 2018 , 58, 199-214	21
1098	Gaining Access to Bacteria through (Reversible) Control of Lipophilicity. 2018 , 24, 1178-1186	13
1097	Oxygen-Enriched Photosensitizer Medium with Red Blood Cells to Study Tissue Interaction of Photosensitization Reaction. 2018 , 36, 146-150	2
1096	Mitochondria-targeted cationic porphyrin-triphenylamine hybrids for enhanced two-photon photodynamic therapy. 2018 , 26, 107-118	21
1095	Cell Death Pathways Associated with Photodynamic Therapy: An Update. 2018 , 94, 213-218	100

1094	Applications of stimuli-responsive nanoscale drug delivery systems in translational research. 2018 , 23, 1043-1052	60
1093	Albumin/sulfonamide stabilized iron porphyrin metal organic framework nanocomposites: targeting tumor hypoxia by carbonic anhydrase IX inhibition and T-T dual mode MRI guided photodynamic/photothermal therapy. 2018 , 6, 265-276	46
1092	Nanoscaled red blood cells facilitate breast cancer treatment by combining photothermal/photodynamic therapy and chemotherapy. 2018 , 155, 25-40	111
1091	Gold-chlorophyll a-hybrid nanoparticles and chlorophyll a/cetyltrimethylammonium chloride self-assembled-suprastructures as novel carriers for chlorophyll a delivery in water medium: Photoactivity and photostability. 2018 , 161, 555-562	13
1090	Adjuvant photodynamic therapy in head and neck cancer after tumor-positive resection margins. 2018 , 128, 657-663	16
1089	Reactivation of TAp73 tumor suppressor by protoporphyrin IX, a metabolite of aminolevulinic acid, induces apoptosis in 53-deficient cancer cells. 2018 , 13, 10	9
1088	Near-infrared photoimmunotherapy of pancreatic cancer using an indocyanine green-labeled anti-tissue factor antibody. 2018 , 24, 5491-5504	17
1087	Enhancement of Photodynamic Therapy for Bowen's Disease Using Plum-Blossom Needling to Augment Drug Delivery. 2018 , 44, 1516-1524	8
1086	Theranostic liposomes as a bimodal carrier for magnetic resonance imaging contrast agent and photosensitizer. 2018 , 180, 1-14	32
1085	Metal-Organic Frameworks and Covalent Organic Frameworks as Platforms for Photodynamic Therapy. 2018 , 38, 238-293	20
1084	mTHPC-loaded extracellular vesicles outperform liposomal and free mTHPC formulations by an increased stability, drug delivery efficiency and cytotoxic effect in tridimensional model of tumors. 2018 , 25, 1790-1801	30
1083	Mechanisms of action of Ru(II) polypyridyl complexes in living cells upon light irradiation. 2018 , 54, 13040-13054	4
1082	Diazachlorin and diazabacteriochlorin for one- and two-photon photodynamic therapy. 2018 , 54, 13829-13832	10
1081	Fluorinated polymeric micelles to overcome hypoxia and enhance photodynamic cancer therapy. 2018 , 6, 3096-3107	34
1080	Ultrasound-targeted photodynamic and gene dual therapy for effectively inhibiting triple negative breast cancer by cationic porphyrin lipid microbubbles loaded with HIF1 α siRNA. 2018 , 10, 19945-19956	50
1079	Correlation between Porcine and Human Skin Models by Optical Methods. 2018 ,	0
1078	Novel zinc- and silicon-phthalocyanines as photosensitizers for photodynamic therapy of cholangiocarcinoma. 2018 , 42, 534-546	9
1077	Treatment of Head and Neck Cancer with Photodynamic Therapy with Redaporfin: A Clinical Case Report. 2018 , 11, 769-776	32

1076	Photodynamic Therapy, a Potential Therapy for Improve Cancer Management. 2018,	3
1075	Chemistry and biochemistry of cold physical plasma derived reactive species in liquids. 2018, 400, 19-38	52
1074	Harnessing Cyanine Reactivity for Optical Imaging and Drug Delivery. 2018, 51, 3226-3235	63
1073	Extracellular matrix affects different aspects of cell behaviour potentially involved in response to aminolevulinic acid-based photoinactivation. 2018, 189, 283-291	1
1072	Pore forming channels as a drug delivery system for photodynamic therapy in cancer associated with nanoscintillators. 2018, 9, 25342-25354	9
1071	Amphiphilic Drug Conjugates as Nanomedicines for Combined Cancer Therapy. 2018, 29, 3967-3981	37
1070	Biological activity of Pt prodrugs triggered by riboflavin-mediated bioorthogonal photocatalysis. 2018, 8, 17198	16
1069	Assessing Configurational Sampling in the Quantum Mechanics/Molecular Mechanics Calculation of Temoporfin Absorption Spectrum and Triplet Density of States. 2018, 23,	7
1068	Targeted Photodynamic Therapy for Improved Lung Cancer Treatment. 2018,	
1067	Antimicrobial Photodynamic Inactivation Mediated by Tetracyclines in Vitro and in Vivo: Photochemical Mechanisms and Potentiation by Potassium Iodide. 2018, 8, 17130	16
1066	Photodynamic therapy: Toward a systemic computational model. 2018, 189, 201-213	3
1065	Arene Ruthenium Metalla-Assemblies with Anthracene Moieties for PDT Applications. 2018, 6, 97	10
1064	Photoinduced Ligand Release from a Silicon Phthalocyanine Dye Conjugated with Monoclonal Antibodies: A Mechanism of Cancer Cell Cytotoxicity after Near-Infrared Photoimmunotherapy. 2018, 4, 1559-1569	102
1063	Evaluation of fluorescence biomodulation in the real-life management of chronic wounds: the EUREKA trial. 2018, 27, 744-753	21
1062	Death Mechanism of Breast Adenocarcinoma Cells Caused by BRET-Induced Cytotoxicity of miniSOG Depends on the Intracellular Localization of the NanoLuc-miniSOG Fusion Protein. 2018, 482, 288-291	2
1061	Immunomodulation of the Tumor Microenvironment: Turn Foe Into Friend. 2018, 9, 2909	83
1060	Applications of Noble Metal-Based Nanoparticles in Medicine. 2018, 19,	94
1059	P-glycoprotein-targeted photodynamic therapy boosts cancer nanomedicine by priming tumor microenvironment. 2018, 8, 6274-6290	21

1058	Can BODIPY Dimers Act as Photosensitizers in Photodynamic Therapy? A Theoretical Prediction. 2018 , 6,	8
1057	Influence of charge transfer on the isomerisation of stilbene derivatives for application in cancer therapy. 2018 , 20, 27778-27790	3
1056	Inorganic Salts and Antimicrobial Photodynamic Therapy: Mechanistic Conundrums?. 2018 , 23,	34
1055	Functional Polymer Nanocarriers for Photodynamic Therapy. 2018 , 11,	25
1054	Progress on Photothermal Conversion in the Second NIR Window Based on Conjugated Polymers. 2018 , 7, 2201-2212	34
1053	NanoDCFH-DA: A Silica-based Nanostructured Fluorogenic Probe for the Detection of Reactive Oxygen Species. 2018 , 94, 1143-1150	10
1052	Clinical development of photodynamic agents and therapeutic applications. 2018 , 22, 25	208
1051	Photodynamic therapy with Photolon [®] photosensitizer in patients with oral leukoplakia: a single-center experience. 2018 , 2,	
1050	Evaluation of cell damage induced by irradiated Zinc-Phthalocyanine-gold dendrimeric nanoparticles in a breast cancer cell line. 2018 , 41, 254-264	7
1049	Mesoporous Silica-Based Nanoparticles for Light-Actuated Biomedical Applications via Near-Infrared Two-Photon Absorption. 2018 , 43, 67-99	3
1048	Photoswitchable Antimetabolite for Targeted Photoactivated Chemotherapy. 2018 , 140, 15764-15773	56
1047	An optogenetic toolbox of LOV-based photosensitizers for light-driven killing of bacteria. 2018 , 8, 15021	28
1046	Enthalpies and heat capacities of solution of methylpheophorbide, dioxidine and their conjugate in DMF at 298-318 K. 2018 , 669, 169-172	3
1045	Irradiance controls photodynamic efficacy and tissue heating in experimental tumours: implication for interstitial PDT of locally advanced cancer. 2018 , 119, 1191-1199	19
1044	Palliative limb-sparing photodynamic therapy with chemotherapy in a dog with osteosarcoma of the proximal tibia. 2018 , 6, e000688	
1043	Neat1-miRNA204-5p-PI3K-AKT axis as a potential mechanism for photodynamic therapy treated colitis in mice. 2018 , 24, 349-357	11
1042	Reconstruction of a Deformed Tumor Based on Fiducial Marker Registration: A Computational Feasibility Study. 2018 , 17, 1533034618766792	1
1041	Water-Soluble Glucosyl Pyrene Photosensitizers: An Intramolecularly Synthesized 2- C-Glucoside and an O-Glucoside. 2018 , 83, 13765-13775	6

1040	Near-Infrared Light-Initiated Molecular Superoxide Radical Generator: Rejuvenating Photodynamic Therapy against Hypoxic Tumors. 2018 , 140, 14851-14859	257
1039	Nanoscale metal-organic frameworks for mitochondria-targeted radiotherapy-radiodynamic therapy. 2018 , 9, 4321	152
1038	Enhanced cytotoxicity and apoptosis through inhibiting autophagy in metastatic potential colon cancer SW620 cells treated with Chlorin e6 photodynamic therapy. 2018 , 24, 332-341	16
1037	Fenton-Reaction-Acceleratable Magnetic Nanoparticles for Ferroptosis Therapy of Orthotopic Brain Tumors. 2018 , 12, 11355-11365	256
1036	Selective Photokilling of Human Pancreatic Cancer Cells Using Cetuximab-Targeted Mesoporous Silica Nanoparticles for Delivery of Zinc Phthalocyanine. 2018 , 23,	24
1035	Targeted Photodynamic Therapy: A Novel Approach to Abolition of Human Cancer Stem Cells. 2018 , 2018, 1-9	6
1034	Evaluation for Synergistic Effects by Combinations of Photodynamic Therapy (PDT) with Temoporfin (mTHPC) and Pt(II) Complexes Carboplatin, Cisplatin or Oxaliplatin in a Set of Five Human Cancer Cell Lines. 2018 , 19,	10
1033	NQO1 induction mediated by photodynamic therapy synergizes with β -Lapachone-halogenated derivative against melanoma. 2018 , 108, 1553-1564	15
1032	Photodynamic Therapy Based on Nanoscale Metal-Organic Frameworks: From Material Design to Cancer Nanotherapeutics. 2018 , 13, 3122-3149	55
1031	Potent peptide-conjugated silicon phthalocyanines for tumor photodynamic therapy. 2018 , 9, 310-320	17
1030	Marine Pigment Diversity: Applications and Potential. 2018 , 643-681	1
1029	Enhanced Photodynamic Anticancer Activities of Multifunctional Magnetic Nanoparticles (Fe O) I Conjugated with Chlorin e6 and Folic Acid in Prostate and Breast Cancer Cells. 2018 , 8,	21
1028	Optimized Heptamethine Cyanines for Photodynamic Therapy.. 2018 , 1, 1195-1205	34
1027	Phototoxicity of flavoprotein miniSOG induced by bioluminescence resonance energy transfer in genetically encoded system NanoLuc-miniSOG is comparable with its LED-excited phototoxicity. 2018 , 188, 107-115	18
1026	Cyclopeptidic photosensitizer prodrugs as proteolytically triggered drug delivery systems of pheophorbide A: part II - co-loading of pheophorbide A and black hole quencher. 2018 , 17, 1739-1748	1
1025	Photodynamic inactivation of <i>Enterococcus faecalis</i> by non-peripherally substituted magnesium phthalocyanines entrapped in lipid vesicles. 2018 , 188, 100-106	17
1024	Tetracyclines function as dual-action light-activated antibiotics. 2018 , 13, e0196485	18
1023	New CeF-ZnO nanocomposites for self-lighted photodynamic therapy that block adenocarcinoma cell life cycle. 2018 , 13, 2311-2326	5

1022	Strong Influence of the Ancillary Ligand over the Photodynamic Anticancer Properties of Neutral Biscyclometalated Ir Complexes Bearing 2-Benzoazole-Phenolates. 2018 , 24, 17523-17537	14
1021	Red, green, and blue fluorescent folate-receptor-targeting carbon dots for cervical cancer cellular and tissue imaging. 2018 , 93, 1054-1063	20
1020	PDT-Driven Highly Efficient Intracellular Delivery and Controlled Release of CO in Combination with Sufficient Singlet Oxygen Production for Synergistic Anticancer Therapy. 2018 , 28, 1804324	70
1019	Evaluating Nanoshells and a Potent Biladiene Photosensitizer for Dual Photothermal and Photodynamic Therapy of Triple Negative Breast Cancer Cells. 2018 , 8,	18
1018	Visible Light-Activated CO Release and O Photosensitizer Formation with Ru(II),Mn(I) Complexes. 2018 , 57, 11616-11625	16
1017	Cyclopeptidic photosensitizer prodrugs as proteolytically triggered drug delivery systems of pheophorbide A: part I - self-quenched prodrugs. 2018 , 17, 1728-1738	5
1016	A Cyclometalated Ir Complex as a Lysosome-Targeted Photodynamic Therapeutic Agent for Integrated Imaging and Therapy in Cancer Cells. 2018 , 24, 10999-11007	39
1015	Photodynamic therapy with redaporfin targets the endoplasmic reticulum and Golgi apparatus. 2018 , 37,	48
1014	A Tumor Vascular-Targeted Interlocking Trimodal Nanosystem That Induces and Exploits Hypoxia. 2018 , 5, 1800034	24
1013	Efficacy and safety of photodynamic therapy for cervical intraepithelial neoplasia and human papilloma virus infection: A systematic review and meta-analysis of randomized clinical trials. 2018 , 97, e10864	26
1012	Mucus-penetrating nanoparticles: Promising drug delivery systems for the photodynamic therapy of intestinal cancer. 2018 , 129, 1-9	16
1011	Functionalization of composite bacterial cellulose with C nanoparticles for wound dressing and cancer therapy.. 2018 , 8, 18197-18203	21
1010	Nano delivery systems and cancer immunotherapy. 2018 , 48, 527-539	51
1009	Effects of meta-tetrahydroxyphenylchlorin photodynamic therapy on isogenic colorectal cancer SW480 and SW620 cells with different metastatic potentials. 2018 , 33, 1581-1590	12
1008	Platinum(IV) complex-based two-in-one polyprodrug for a combinatorial chemo-photodynamic therapy. 2018 , 177, 67-77	58
1007	Insights into the binding mechanism of BODIPY-based photosensitizers to human serum albumin: A combined experimental and computational study. 2018 , 203, 158-165	7
1006	Solid-Phase Synthesis of Peptide-Conjugated Perylene Diimide Bolaamphiphile and Its Application in Photodynamic Therapy. 2018 , 3, 5896-5902	4
1005	Photodynamic therapy using talaporfin sodium induces heme oxygenase-1 expression in rat malignant meningioma KMY-J cells. 2018 , 43, 353-358	15

1004	Near-infrared light-activated red-emitting upconverting nanoplatfom for T-weighted magnetic resonance imaging and photodynamic therapy. 2018 , 74, 360-373	21
1003	Multiarm Nanoconjugates for Cancer Cell-Targeted Delivery of Photosensitizers. 2018 , 15, 2559-2569	8
1002	Fluorescent Phthalocyanine/Graphene Conjugate with Enhanced NIR Absorbance for Imaging and Multi-Modality Therapy. 2018 , 1, 2785-2795	14
1001	Photodynamic properties of aza-analogues of phthalocyanines. 2018 , 17, 1749-1766	12
1000	Photo-induced antibacterial activity of a porphyrin derivative isolated from the harmful dinoflagellate <i>Heterocapsa circularisquama</i> . 2018 , 201, 119-128	2
999	Photochemistry of iron complexes. 2018 , 374, 15-35	60
998	Iron Oxide Nanocarrier-Mediated Combination Therapy of Cisplatin and Artemisinin for Combating Drug Resistance through Highly Increased Toxic Reactive Oxygen Species Generation.. 2018 , 1, 270-280	29
997	Immune consequences induced by photodynamic therapy in non-melanoma skin cancers: a review. 2018 , 25, 20569-20574	14
996	Exogenous/Endogenous-Triggered Mesoporous Silica Cancer Nanomedicine. 2018 , 7, e1800268	32
995	Photodynamic Therapy. 2018 , 301-313	3
994	Tailored-BODIPY/Amphiphilic Cyclodextrin Nanoassemblies with PDT Effectiveness. 2018 , 34, 8639-8651	15
993	Hydrogen Bonding Regulates the Rigidity of Liposome-Encapsulated Chlorin Photosensitizers. 2018 , 7, 475-483	9
992	Inhibiting ABCG2 could potentially enhance the efficacy of hypericin-mediated photodynamic therapy in spheroidal cell models of colorectal cancer. 2018 , 23, 221-229	16
991	Photodynamic Therapy and Photobiomodulation: Can All Diseases be Treated with Light?. 2018 , 100-135	0
990	C fullerene accumulation in human leukemic cells and perspectives of LED-mediated photodynamic therapy. 2018 , 124, 319-327	33
989	Topically applied hypericin exhibits skin penetrability on nude mice. 2018 , 33, 1279-1286	2
988	Singlet oxygen modification abolishes voltage-dependent inactivation of the sea urchin spHCN channel. 2018 , 150, 1273-1286	4
987	Cancer, Photodynamic Therapy and Porphyrin-Type Derivatives. 2018 , 90, 993-1026	68

986	Oxygen-generating Hybrid Polymeric Nanoparticles with Encapsulated Doxorubicin and Chlorin e6 for Trimodal Imaging-Guided Combined Chemo-Photodynamic Therapy. 2018 , 8, 1558-1574	141
985	Calcium, a pivotal player in photodynamic therapy?. 2018 , 1865, 1805-1814	11
984	Changes in plasma membrane damage inducing cell death after treatment with near-infrared photoimmunotherapy. 2018 , 109, 2889-2896	28
983	Cholecystokinin 1 Receptor - A Unique G-protein-coupled receptor activated by singlet oxygen (). 2018 , 9, 497	10
982	Gadolinium-Encapsulated Graphene Carbon Nanotheranostics for Imaging-Guided Photodynamic Therapy. 2018 , 30, e1802748	101
981	Fullerenes as photosensitizers in photodynamic therapy: pros and cons. 2018 , 17, 1515-1533	74
980	An insight on the role of photosensitizer nanocarriers for Photodynamic Therapy. 2018 , 90, 1101-1130	65
979	Cascade-amplifying synergistic effects of chemo-photodynamic therapy using ROS-responsive polymeric nanocarriers. 2018 , 8, 2939-2953	63
978	Scintillator-Based Nanohybrids with Sacrificial Electron Prodrug for Enhanced X-ray-Induced Photodynamic Therapy. 2018 , 18, 5768-5774	71
977	Enhanced hypocrellin production of <i>Shiraia</i> sp. SUPER-H168 by overexpression of alpha-amylase gene. 2018 , 13, e0196519	2
976	All-in-One Theranostic Nanoplatfom Based on Hollow MoS ₂ for Photothermally-manuevered Oxygen Self-enriched Photodynamic Therapy. 2018 , 8, 955-971	73
975	EGFR-targeted photodynamic therapy by curcumin-encapsulated chitosan/TPP nanoparticles. 2018 , 13, 903-916	62
974	Serum albumins are efficient delivery systems for the photosensitizer hypericin in photosensitization-based treatments against <i>Staphylococcus aureus</i> . 2018 , 94, 254-262	20
973	Prussian blue nanoparticles: Synthesis, surface modification, and application in cancer treatment. 2018 , 549, 31-49	52
972	P-glycoprotein targeted and near-infrared light-guided depletion of chemoresistant tumors. 2018 , 286, 289-300	15
971	Photodynamic Therapy Mediated by Aloe-Emodin Inhibited Angiogenesis and Cell Metastasis Through Activating MAPK Signaling Pathway on HUVECs. 2018 , 17, 1533033818785512	19
970	Photodynamic therapy activity of zinc phthalocyanine linked to folic acid and magnetic nanoparticles. 2018 , 186, 216-224	18
969	ALPcS-PDT for gastric cancer therapy using gold nanorod, cationic liposome, and Pluronic F127 nanomicellar drug carriers. 2018 , 13, 2017-2036	26

968	Antimicrobial Photodynamic Therapy to Control Clinically Relevant Biofilm Infections. 2018 , 9, 1299	177
967	Targeted Nanotheranostics for Selective Drug Delivery in Cancer. 2018 , 245-277	4
966	Nanomaterial Based Photo-Triggered Drug Delivery Strategies for Cancer Theranostics. 2018 , 351-391	1
965	13 -Oxophorbine protoporphorbide A From Ziziphus lotus as a novel mesenchymal-epithelial transition factor receptor inhibitory lead for the control of breast tumor growth in vitro and in vivo. 2018 , 57, 1507-1524	9
964	5-aminolevulinic acid photodynamic therapy for anal canal condyloma acuminatum: A series of 19 cases and literature review. 2018 , 23, 230-234	12
963	An in Vitro Study on the Effect of Combined Treatment with Photodynamic and Chemical Therapies on Candida albicans. 2018 , 19,	19
962	Trifluoromethyl Boron Dipyrromethene Derivatives as Potential Photosensitizers for Photodynamic Therapy. 2018 , 23,	8
961	Assessing Photosensitizer Targeting Using Meso-Tetra(Carboxyphenyl) Porphyrin. 2018 , 23,	4
960	Hypericin-functionalized graphene oxide for enhanced mitochondria-targeting and synergistic anticancer effect. 2018 , 77, 268-281	34
959	Recent Progress in Upconversion Photodynamic Therapy. 2018 , 8,	79
958	Photodynamic therapy - mechanisms, photosensitizers and combinations. 2018 , 106, 1098-1107	623
957	The design, synthesis, and evaluation of organic dithienopyrrole-based D- π A dyes for use as sensitizers in photodynamic therapy. 2018 , 28, 3099-3104	3
956	Hybrid Liquid Crystal Nanocarriers for Enhanced Zinc Phthalocyanine-Mediated Photodynamic Therapy. 2018 , 29, 2701-2714	11
955	Responsive Assembly of Upconversion Nanoparticles for pH-Activated and Near-Infrared-Triggered Photodynamic Therapy of Deep Tumors. 2018 , 30, e1802808	141
954	Bioinspired Hybrid Protein Oxygen Nanocarrier Amplified Photodynamic Therapy for Eliciting Anti-tumor Immunity and Abscopal Effect. 2018 , 12, 8633-8645	190
953	Tumor targeting via EPR: Strategies to enhance patient responses. 2018 , 130, 17-38	618
952	Recent Progress in Metal-Based Nanoparticles Mediated Photodynamic Therapy. 2018 , 23,	53
951	Development of a functionalized UV-emitting nanocomposite for the treatment of cancer using indirect photodynamic therapy. 2018 , 16, 19	18

950	The inducers of immunogenic cell death for tumor immunotherapy. 2018 , 104, 1-8	29
949	Multifunctionalized biocatalytic P22 nanoreactor for combinatory treatment of ER+ breast cancer. 2018 , 16, 17	22
948	In vitro and in vivo evaluation of improved EGFR targeting peptide-conjugated phthalocyanine photosensitizers for tumor photodynamic therapy. 2018 , 29, 1171-1178	13
947	pH- and Enzyme-Sensitive IR820-Paclitaxel Conjugate Self-Assembled Nanovehicles for Near-Infrared Fluorescence Imaging-Guided Chemo-Photothermal Therapy. 2018 , 10, 30092-30102	54
946	Endoplasmic reticulum stress-mediated autophagy contributes to 5-ethylamino-9-diethylaminobenzo[a]phenoselenazinium-mediated photodynamic therapy via the PERK-eIF2 α pathway. 2018 , 11, 4315-4325	8
945	Typical and Atypical Inducers of Lysosomal Cell Death: A Promising Anticancer Strategy. 2018 , 19,	42
944	Colloidal plasmonic gold nanoparticles and gold nanorings: shape-dependent generation of singlet oxygen and their performance in enhanced photodynamic cancer therapy. 2018 , 13, 2065-2078	14
943	Gemcitabine-loaded DSPE-PEG-PheoA liposome as a photomediated immune modulator for cholangiocarcinoma treatment. 2018 , 183, 139-150	32
942	Redaporfin induces immunogenic cell death by selective destruction of the endoplasmic reticulum and the Golgi apparatus. 2018 , 9, 31169-31170	9
941	Enhancement of Cancer-Specific Protoporphyrin IX Fluorescence by Targeting Oncogenic Ras/MEK Pathway. 2018 , 8, 2134-2146	26
940	Photo-modulation of zinc phthalocyanine-treated breast cancer cell line ZR-75-1 inhibited the normal tumor activity in vitro. 2018 , 33, 1969-1978	11
939	Altered cellular redox homeostasis and redox responses under standard oxygen cell culture conditions versus physioxia. 2018 , 126, 322-333	10
938	Primary Screening of Photosensitizers of the Bacteriochlorin Series for Photodynamic Therapy of Malignant Neoplasms. 2018 , 12, 275-282	1
937	Co-delivery of Docetaxel and Disulfonate Tetraphenyl Chlorin in One Nanoparticle Produces Strong Synergism between Chemo- and Photodynamic Therapy in Drug-Sensitive and -Resistant Cancer Cells. 2018 , 15, 4599-4611	21
936	Photodynamic Therapy for Metastatic Melanoma Treatment: A Review. 2018 , 17, 1533033818791795	56
935	Einfluss von Rot- versus Blaulicht auf Verträglichkeit und Wirksamkeit der PDT: eine randomisierte kontrollierte Studie. 2018 , 16, 711-718	
934	Highly Efficient Photosensitizers with Far-Red/Near-Infrared Aggregation-Induced Emission for In Vitro and In Vivo Cancer Theranostics. 2018 , 30, e1802105	186
933	Photochemotherapeutic Properties of a Linear Tetrapyrrole Palladium(II) Complex displaying an Exceptionally High Phototoxicity Index. 2018 , 57, 10608-10615	17

- 932 Design of an Amphiphilic iRGD Peptide and Self-Assembling Nanovesicles for Improving Tumor Accumulation and Penetration and the Photodynamic Efficacy of the Photosensitizer. **2018**, 10, 31674-31685 27
- 931 Modulation of Angiogenic Activity by Light-Activatable miRNA-Loaded Nanocarriers. **2018**, 12, 5207-5220 25
- 930 Photochemical internalization enhances cytosolic release of antibiotic and increases its efficacy against staphylococcal infection. **2018**, 283, 214-222 9
- 929 Impact of red versus blue light on tolerability and efficacy of PDT: a randomized controlled trial. **2018**, 16, 711-717 5
- 928 Improved photodynamic efficacy of thiophenyl sulfonated zinc phthalocyanine loaded in lipid nano-carriers for hepatocellular carcinoma cancer cells. **2018**, 23, 25-31 13
- 927 Ultrasound Triggered Conversion of Porphyrin/Camptothecin-Fluoroxymidine Triad Microbubbles into Nanoparticles Overcomes Multidrug Resistance in Colorectal Cancer. **2018**, 12, 7312-7326 81
- 926 Light-Enhanced Hypoxia-Response of Conjugated Polymer Nanocarrier for Successive Synergistic Photodynamic and Chemo-Therapy. **2018**, 10, 21909-21919 56
- 925 An anionic phthalocyanine decreases NRAS expression by breaking down its RNA G-quadruplex. **2018**, 9, 2271 34
- 924 A clinical study of HMME-PDT therapy in Chinese pediatric patients with port-wine stain. **2018**, 23, 102-105 30
- 923 Advanced Photosensitizer Activation Strategies for Smarter Photodynamic Therapy Beacons. **2019**, 131, 2580-2591 39
- 922 Actinic keratosis - review for clinical practice. **2019**, 58, 400-407 30
- 921 Nanoparticles to mediate X-ray-induced photodynamic therapy and Cherenkov radiation photodynamic therapy. **2019**, 11, e1541 45
- 920 Targeting prostate cancer: Prostate-specific membrane antigen based diagnosis and therapy. **2019**, 39, 40-69 64
- 919 Self-Controlled Hyperthermia & MRI Contrast Enhancement via Iron Oxide Embedded Hydroxyapatite Superparamagnetic particles for Theranostic Application. **2019**, 5, 106-113 21
- 918 Green synthesis of Chlorin e6 and tests of its photosensitive bactericidal activities. **2019**, 30, 2349-2356 6
- 917 Cytotoxic and Photocytotoxic Effects of Cercosporin on Human Tumor Cell Lines. **2019**, 95, 387-396 16
- 916 Chlorins with (trifluoromethyl)phenyl substituents [Synthesis, lipid formulation and photodynamic activity against bacteria. **2019**, 160, 292-300 23
- 915 Tissue-adhesive wirelessly powered optoelectronic device for metronomic photodynamic cancer therapy. **2019**, 3, 27-36 101

914	Nanoparticle-Mediated Immunogenic Cell Death Enables and Potentiates Cancer Immunotherapy. 2019 , 58, 670-680	341
913	Modulating T-cell-based cancer immunotherapy via particulate systems. 2019 , 27, 145-163	7
912	Continuous Optical Monitoring of Red Blood Cells During a Photosensitization Reaction. 2019 , 37, 110-116	2
911	Bichromophoric Properties of Ruthenium(II) Polypyridyl Complexes Bridged by Boron Dipyrromethenes: Synthesis, Electrochemical, Spectroscopic, Computational Evaluation, and Plasmid DNA Photoreactions. 2019 , 2019, 3690-3698	3
910	Trends and targets in antiviral phototherapy. 2019 , 18, 2565-2612	130
909	O-Cu/ZIF-8@Ce6/ZIF-8@F127 Composite as a Tumor Microenvironment-Responsive Nanoplatfom with Enhanced Photo-/Chemodynamic Antitumor Efficacy. 2019 , 11, 31671-31680	71
908	Chlorin, Phthalocyanine, and Porphyrin Types Derivatives in Phototreatment of Cutaneous Manifestations: A Review. 2019 , 20,	29
907	Cell death in photodynamic therapy: From oxidative stress to anti-tumor immunity. 2019 , 1872, 188308	90
906	Photophysics of BODIPY-Based Photosensitizer for Photodynamic Therapy: Surface Hopping and Classical Molecular Dynamics. 2019 , 15, 5046-5057	8
905	Low Photosensitizer Dose and Early Radiotherapy Enhance Antitumor Immune Response of Photodynamic Therapy-Based Dendritic Cell Vaccination. 2019 , 9, 811	23
904	A series of photosensitizers with incremental positive electric charges for photodynamic antitumor therapy.. 2019 , 9, 24560-24567	3
903	Design of Phthalocyanine-Nanoparticle Hybrids for Photodynamic Therapy Applications in Oxygen-Deficient Tumour Environment. 2019 , 4, 9084-9095	3
902	Maleimide substituted meso-arylporphyrins: Synthesis, transformations, physico-chemical and antitumor properties. 2019 , 171, 107760	9
901	N-dihydrogalactochitosan as immune and direct antitumor agent amplifying the effects of photodynamic therapy and photodynamic therapy-generated vaccines. 2019 , 75, 105764	12
900	A novel BODIPY-based photosensitizer with pH-active singlet oxygen generation for photodynamic therapy in lysosomes. 2019 , 17, 8001-8007	24
899	Nanoparticle-siRNA: a potential strategy for ovarian cancer therapy?. 2019 , 14, 2083-2100	19
898	Polymeric Encapsulation of Novel Homoleptic Bis(dipyrrinato) Zinc(II) Complexes with Long Lifetimes for Applications as Photodynamic Therapy Photosensitisers. 2019 , 131, 14472-14478	19
897	Polymeric Encapsulation of Novel Homoleptic Bis(dipyrrinato) Zinc(II) Complexes with Long Lifetimes for Applications as Photodynamic Therapy Photosensitisers. 2019 , 58, 14334-14340	63

896	Metronomic photodynamic therapy with 5-aminolevulinic acid induces apoptosis and autophagy in human SW837 colorectal cancer cells. 2019 , 198, 111586	10
895	Inactivation kinetics and lethal dose analysis of antimicrobial blue light and photodynamic therapy. 2019 , 28, 186-191	19
894	Magnetic Reactive Oxygen Species Nanoreactor for Switchable Magnetic Resonance Imaging Guided Cancer Therapy Based on pH-Sensitive FeC@FeO Nanoparticles. 2019 , 13, 10002-10014	82
893	Effect of Iodination on the Photophysics of the Laser Borane -BH: Generation of Efficient Photosensitizers of Oxygen. 2019 , 58, 10248-10259	11
892	Smart Hybrid Nanocomposite for Photodynamic Inactivation of Cancer Cells with Selectivity. 2019 , 123, 6776-6783	1
891	MnFeO-decorated large-pore mesoporous silica-coated upconversion nanoparticles for near-infrared light-induced and O self-sufficient photodynamic therapy. 2019 , 11, 14654-14667	23
890	Apomyoglobin is an efficient carrier for zinc phthalocyanine in photodynamic therapy of tumors. 2019 , 253, 106228	12
889	Near-infrared emissive carbon dots with 33.96% emission in aqueous solution for cellular sensing and light-emitting diodes. 2019 , 64, 1285-1292	173
888	Design, synthesis and photocytotoxicity of upconversion nanoparticles: Potential applications for near-infrared photodynamic and photothermal therapy. 2019 , 12, e201900129	4
887	Vandetanib sensitizes head and neck squamous cell carcinoma to photodynamic therapy through modulation of EGFR-dependent DNA repair and the tumour microenvironment. 2019 , 27, 367-374	10
886	Boosting Luminance Energy Transfer Efficiency in Upconversion Nanoparticles with an Energy-Concentrating Zone. 2019 , 131, 12245-12250	9
885	Efficacy and safety of photodynamic therapy with amino-5-laevulinate nanoemulsion versus methyl-5-aminolaevulinate for actinic keratosis: A meta-analysis. 2019 , 27, 408-414	9
884	Listening for the therapeutic window: Advances in drug delivery utilizing photoacoustic imaging. 2019 , 144, 78-89	22
883	NIR-guided dendritic nanoplatfom for improving antitumor efficacy by combining chemo-phototherapy. 2019 , 14, 4931-4947	19
882	Polydopamine-Based Nanocarriers for Photosensitizer Delivery. 2019 , 7, 471	8
881	Successful pregnancy and delivery following selective use of photodynamic therapy in treatment of cervix and vulvar diseases. 2019 , 28, 65-68	7
880	Photodynamic therapy of melanoma by blue-light photoactivation of flavin mononucleotide. 2019 , 9, 9679	44
879	Hijacking the Heme Acquisition System of for the Delivery of Phthalocyanine as an Antimicrobial. 2019 , 14, 1637-1642	12

878	Liposomal formulations of photosensitizers. 2019 , 218, 119341	51
877	Cationic diarylporphyrins: In vitro versatile anticancer and antibacterial photosensitizers. 2019 , 197, 111548	11
876	Ameliorative effect of chlorin e6-mediated photodynamic therapy on DNCB-induced atopic dermatitis-like skin lesions in mice. 2019 , 15, 265-270	0
875	Photodynamic therapy for skin cancer: How to enhance drug penetration?. 2019 , 197, 111544	38
874	Investigation of PPIX-Lipo-MnO to enhance photodynamic therapy by improving tumor hypoxia. 2019 , 104, 109979	24
873	Fluorescence Detection and Dissociation of Amyloid- β Species for the Treatment of Alzheimer's Disease. 2019 , 2, 1900054	12
872	Tandem activated photodynamic and chemotherapy: Using pH-Sensitive nanosystems to realize different tumour distributions of photosensitizer/prodrug for amplified combination therapy. 2019 , 219, 119393	34
871	Synergistic effect of meta-tetra(hydroxyphenyl)chlorin-based photodynamic therapy followed by cisplatin on malignant Hep-2 cells. 2019 , 12, 5525-5536	5
870	Transition Metal Dichalcogenides for Biomedical Applications. 2019 , 241-292	1
869	Zinc(II) phthalocyanines as photosensitizers for antitumor photodynamic therapy. 2019 , 114, 105575	59
868	An Electron paramagnetic resonance (EPR) spin labeling study in HT-29 Colon adenocarcinoma cells after Hypericin-mediated photodynamic therapy. 2019 , 20, 16	5
867	DNA interaction and photodynamic antitumor activity of transition metal mono-hydroxyl corrole. 2019 , 90, 103085	13
866	Iodinated Cyanine Dyes for Fast Near-Infrared-Guided Deep Tissue Synergistic Phototherapy. 2019 , 11, 25720-25729	44
865	Recent Considerations in the Application of RAPTA-C for Cancer Treatment and Perspectives for Its Combination with Immunotherapies. 2019 , 2, 1900042	32
864	Development and characterization of a theranostic multimodal anti-PSMA targeting agent for imaging, surgical guidance, and targeted photodynamic therapy of PSMA-expressing tumors. 2019 , 9, 2924-2938	28
863	Amplifying fluorescent conjugated polymer sensor for singlet oxygen detection. 2019 , 55, 8955-8958	13
862	Photosensitizing properties of hollow microcapsules built by multilayer self-assembly of poly(allylamine hydrochloride) modified with rose Bengal.. 2019 , 9, 19226-19235	2
861	Transarterial Delivery of a Biodegradable Single-Agent Theranostic Nanoprobe for Liver Tumor Imaging and Combinatorial Phototherapy. 2019 , 30, 1480-1486.e2	7

- 860 Photodynamic Therapy for the Treatment of Vertebral Metastases: A Phase I Clinical Trial. **2019**, 25, 5766-5776 16
- 859 Controlled Drug Delivery Systems for Oral Cancer Treatment-Current Status and Future Perspectives. **2019**, 11, 45
- 858 Boosting Luminance Energy Transfer Efficiency in Upconversion Nanoparticles with an Energy-Concentrating Zone. **2019**, 58, 12117-12122 31
- 857 Nanoscale Metal-Organic Framework Mediates Radical Therapy to Enhance Cancer Immunotherapy. **2019**, 5, 1892-1913 127
- 856 Application of Porphyrins in Antibacterial Photodynamic Therapy. **2019**, 24, 90
- 855 Corrole-based photodynamic antitumor therapy. **2019**, 66, 1090-1099 12
- 854 Partially Solvated Dinuclear Ruthenium Compounds Bridged by Quinoxaline-Functionalized Ligands as Ru(II) Photocage Architectures for Low-Energy Light Absorption. **2019**, 58, 14568-14576 5
- 853 Matrix metalloproteinase-2-targeted superparamagnetic FeO-PEG-G5-MMP2@Ce6 nanoprobe for dual-mode imaging and photodynamic therapy. **2019**, 11, 18426-18435 21
- 852 Manganese Oxide Nanoparticles As MRI Contrast Agents In Tumor Multimodal Imaging And Therapy. **2019**, 14, 8321-8344 68
- 851 Photodynamic treatment for multidrug-resistant Gram-negative bacteria: Perspectives for the treatment of *Klebsiella pneumoniae* infections. **2019**, 28, 256-264 17
- 850 Suitability of GnRH Receptors for Targeted Photodynamic Therapy in Head and Neck Cancers. **2019**, 20, 3
- 849 Stroma-Rich Co-Culture Multicellular Tumor Spheroids as a Tool for Photoactive Drugs Screening. **2019**, 8, 19
- 848 The effects of photodynamic therapy on leukemia cells mediated by KillerRed, a genetically encoded fluorescent protein photosensitizer. **2019**, 19, 934 8
- 847 Manganese-Based Nanoplatfrom As Metal Ion-Enhanced ROS Generator for Combined Chemodynamic/Photodynamic Therapy. **2019**, 11, 41140-41147 45
- 846 Nanotherapeutics interfere with cellular redox homeostasis for highly improved photodynamic therapy. **2019**, 224, 119500 33
- 845 Photoinactivation of microorganisms with sub-micromolar concentrations of imidazolium metallophthalocyanine salts. **2019**, 184, 111740 26
- 844 Ring-Fused Diphenylchlorins as Potent Photosensitizers for Photodynamic Therapy Applications: In Vitro Tumor Cell Biology and in Vivo Chick Embryo Chorioallantoic Membrane Studies. **2019**, 4, 17244-17250 9
- 843 Triggering Sequential Catalytic Fenton Reaction on 2D MXenes for Hyperthermia-Augmented Synergistic Nanocatalytic Cancer Therapy. **2019**, 11, 42917-42931 44

842	Exploring the Phototoxicity of Hypoxic Active Iridium(III)-Based Sensitizers in 3D Tumor Spheroids. 2019 , 141, 18486-18491	47
841	Janus Nanobullets Combine Photodynamic Therapy and Magnetic Hyperthermia to Potentiate Synergetic Anti-Metastatic Immunotherapy. 2019 , 6, 1901690	123
840	Synthesis and evolution of S-Porphin sodium as a potential antitumor agent for photodynamic therapy against breast cancer. 2019 , 6, 362-372	2
839	Bystander Effects of Nitric Oxide in Cellular Models of Anti-Tumor Photodynamic Therapy. 2019 , 11,	6
838	Antimicrobial Photodynamic Therapy with the photosensitizer TONS504 eradicates Acanthamoeba. 2019 , 28, 166-171	7
837	Advances in Lipid and Metal Nanoparticles for Antimicrobial Peptide Delivery. 2019 , 11,	51
836	Endogenous oxygen generating multifunctional theranostic nanoplatform for enhanced photodynamic-photothermal therapy and multimodal imaging. 2019 , 9, 7697-7713	49
835	Enhanced Reactive Oxygen Species Levels by an Active Benzothiazole Complex-Mediated Fenton Reaction for Highly Effective Antitumor Therapy. 2019 , 16, 4929-4939	5
834	Synergy of Chemo- and Photodynamic Therapies with C Fullerene-Doxorubicin Nanocomplex. 2019 , 9,	18
833	Photodynamic Therapy Is an Effective Adjuvant Therapy for Image-Guided Surgery in Prostate Cancer. 2020 , 80, 156-162	18
832	Biomodulation induced by fluorescent light energy versus standard of care in venous leg ulcers: a retrospective study. 2019 , 28, 730-736	6
831	Mitochondria-targeted porphyrin-based photosensitizers containing triphenylphosphonium cations showing efficient in vitro photodynamic therapy effects. 2019 , 23, 1505-1514	5
830	Patient-Derived Head and Neck Cancer Organoids Recapitulate EGFR Expression Levels of Respective Tissues and Are Responsive to EGFR-Targeted Photodynamic Therapy. 2019 , 8,	40
829	Application of photodynamic therapy drugs for management of glioma. 2019 , 23, 1216-1228	7
828	Indocyanine green loaded APTMS coated SPIONs for dual phototherapy of cancer. 2019 , 201, 111648	10
827	Photodynamic Therapy Based on Graphene and MXene in Cancer Theranostics. 2019 , 7, 295	56
826	Transient Light-Emitting Diodes Constructed from Semiconductors and Transparent Conductors that Biodegrade Under Physiological Conditions. 2019 , 31, e1902739	25
825	Skin and subcutaneous fat morphology alterations under the LED or laser treatment in rats in vivo. 2019 , 12, e201900117	3

824	Immunomodulatory activities of zinc(II)phthalocyanine on the mammalian macrophages through p38 pathway: Potential ex vivo immunomodulatory PDT reagents. 2019 , 92, 103249	11
823	The Course of Immune Stimulation by Photodynamic Therapy: Bridging Fundamentals of Photochemically Induced Immunogenic Cell Death to the Enrichment of T-Cell Repertoire. 2019 , 95, 1288-1305 ⁴⁰	
822	Activating Antitumor Immunity and Antimetastatic Effect Through Polydopamine-Encapsulated Core-Shell Upconversion Nanoparticles. 2019 , 31, e1905825	126
821	A Photodynamic System based on Endogenous Bioluminescence for in vitro Anticancer Studies. 2019 , 645, 1161-1164	11
820	Role of Nanomedicine in Redox Mediated Healing at Molecular Level. 2019 , 10, 160-174	9
819	Carbon monoxide and its donors - their implications for medicine. 2019 , 11, 61-73	22
818	Photosensitizer Tailored Surface Functionalized Carbon Dots for Visible Light Induced Targeted Cancer Therapy.. 2019 , 2, 4953-4965	3
817	The stepwise photodamage of organelles by two-photon luminescent ruthenium(ii) photosensitizers. 2019 , 55, 11235-11238	18
816	Keratin nanoparticles co-delivering Docetaxel and Chlorin e6 promote synergic interaction between chemo- and photo-dynamic therapies. 2019 , 199, 111598	11
815	Silica-based nanosystems for therapeutic applications in the skin. 2019 , 14, 2243-2267	8
814	Reactive oxygen species explicit dosimetry to predict local tumor control for Photofrin-mediated photodynamic therapy. 2019 , 10860,	4
813	Ce6-C6-TPZ co-loaded albumin nanoparticles for synergistic combined PDT-chemotherapy of cancer. 2019 , 7, 5797-5807	16
812	Oxime-based 19-nortestosterone-pheophorbide a conjugate: bimodal controlled release concept for PDT. 2019 , 7, 5465-5477	6
811	Effects of Photodynamic Therapy with Redaporfin on Tumor Oxygenation and Blood Flow in a Lung Cancer Mouse Model. 2019 , 9, 12655	21
810	Proton-dynamic therapy following photosensitiser activation by accelerated protons demonstrated through fluorescence and singlet oxygen production. 2019 , 10, 3986	16
809	Low-dose photodynamic therapy promotes angiogenic potential and increases immunogenicity of human mesenchymal stromal cells. 2019 , 199, 111596	8
808	Mitochondrial membrane anchored photosensitive nano-device for lipid hydroperoxides burst and inducing ferroptosis to surmount therapy-resistant cancer. 2019 , 9, 6209-6223	69
807	Antimicrobial Photodynamic Therapy in Combination with Nystatin in the Treatment of Experimental Oral Candidiasis Induced by Resistant to Fluconazole. 2019 , 12,	19

806	Enhancing Breast Cancer Treatment Using a Combination of Cannabidiol and Gold Nanoparticles for Photodynamic Therapy. 2019 , 20,	37
805	An epidermal growth factor receptor-targeted and endoplasmic reticulum-localized organic photosensitizer toward photodynamic anticancer therapy. 2019 , 182, 111625	17
804	Engineering pharmaceutical nanocarriers for photodynamic therapy on wound healing: Review. 2019 , 105, 110110	38
803	BHQ-Cyanine-Based "Off-On" Long-Circulating Assembly as a Ferroptosis Amplifier for Cancer Treatment: A Lipid-Peroxidation Burst Device. 2019 , 11, 42873-42884	29
802	Aptamer/photosensitizer hybridized mesoporous MnO based tumor cell activated ROS regulator for precise photodynamic therapy of breast cancer. 2019 , 184, 110536	14
801	NaCeF:Gd,Tb Scintillator as an X-ray Responsive Photosensitizer for Multimodal Imaging-Guided Synchronous Radio/Radiodynamic Therapy. 2019 , 19, 8234-8244	69
800	Photodynamic Therapy: A Brief History. 2019 , 8,	67
799	A self-assembled Ru-Pt metallacage as a lysosome-targeting photosensitizer for 2-photon photodynamic therapy. 2019 , 116, 20296-20302	65
798	Systemic MEK inhibition enhances the efficacy of 5-aminolevulinic acid-photodynamic therapy. 2019 , 121, 758-767	8
797	Biomorphic Engineering of Multifunctional Polylactide Stomatocytes toward Therapeutic Nano-Red Blood Cells. 2019 , 6, 1801678	25
796	Photoinduced electron transfer in 5-bromouracil labeled DNA. A contrathermodynamic mechanism revisited by electron transfer theories. 2019 , 21, 4387-4393	7
795	Deciphering the intersystem crossing in near-infrared BODIPY photosensitizers for highly efficient photodynamic therapy. 2019 , 10, 3096-3102	73
794	Self-assembly of nanoparticles by human serum albumin and photosensitizer for targeted near-infrared emission fluorescence imaging and effective phototherapy of cancer. 2019 , 7, 1149-1159	29
793	Lipid vesicle-loaded meso-substituted chlorins of high in vitro antimicrobial photodynamic activity. 2019 , 18, 213-223	18
792	Reactive oxygen species mediated theranostics using a Fenton reaction activable lipo-polymerosome. 2019 , 7, 314-323	21
791	Thermosensitive nanocomposite gel for intra-tumoral two-photon photodynamic therapy. 2019 , 298, 99-109	20
790	Modulation of Intracellular Oxygen Pressure by Dual-Drug Nanoparticles to Enhance Photodynamic Therapy. 2019 , 29, 1806708	72
789	CT/MRI-Guided Synergistic Radiotherapy and X-ray Inducible Photodynamic Therapy Using Tb-Doped Gd-W-Nanoscentillators. 2019 , 58, 2017-2022	59

788	Graphene quantum dot based charge-reversal nanomaterial for nucleus-targeted drug delivery and efficiency controllable photodynamic therapy. 2019 , 12, e201800367	26
787	An Oxygen Self-sufficient Fluorinated Nanoplatfom for Relieved Tumor Hypoxia and Enhanced Photodynamic Therapy of Cancers. 2019 , 11, 7731-7742	44
786	Role of photodynamic therapy in the treatment of esophageal cancer. 2019 , 31, 508-516	48
785	Water-soluble sulfonate porphyrin functionalized hyaluronic acid with comb-like structure: Potential photosensitizers for photodynamic therapy. 2019 , 164, 237-243	5
784	Exceptionally effective generation of singlet oxygen in aqueous media via iodinated zinc-phthalocyanine. 2019 , 164, 296-304	16
783	Pharmacokinetics and pharmacodynamics of liposomal chemophototherapy with short drug-light intervals. 2019 , 297, 39-47	32
782	Heat shock protein 27 modulates autophagy and promotes cell survival after photodynamic therapy. 2019 , 18, 546-554	7
781	CT/MRI-Guided Synergistic Radiotherapy and X-ray Inducible Photodynamic Therapy Using Tb-Doped Gd-W-Nanoscintillators. 2019 , 131, 2039-2044	7
780	Heavy-atom-free charge transfer photosensitizers: Tuning the efficiency of BODIPY in singlet oxygen generation via intramolecular electron donor-acceptor interaction. 2019 , 164, 139-147	23
779	A novel tumor and mitochondria dual-targeted photosensitizer showing ultra-efficient photodynamic anticancer activities. 2019 , 55, 866-869	25
778	Perfluorocarbon-based O nanocarrier for efficient photodynamic therapy. 2019 , 7, 1116-1123	32
777	Biotin-conjugated PEGylated porphyrin self-assembled nanoparticles co-targeting mitochondria and lysosomes for advanced chemo-photodynamic combination therapy. 2019 , 7, 65-79	33
776	BODIPY@carbon dot nanocomposites for enhanced photodynamic activity. 2019 , 3, 1747-1753	27
775	Comparison of Cellular Death Pathways after mTHPC-mediated Photodynamic Therapy (PDT) in Five Human Cancer Cell Lines. 2019 , 11,	21
774	Cancer-Selective Bioreductive Chemotherapy Mediated by Dual Hypoxia-Responsive Nanomedicine upon Photodynamic Therapy-Induced Hypoxia Aggravation. 2019 , 20, 2649-2656	35
773	Construction of a fluorescent probe for selectively detecting singlet oxygen with a high sensitivity and large concentration range based on a two-step cascade sensing reaction. 2019 , 55, 8462-8465	14
772	Verteporfin-loaded mesoporous silica nanoparticles inhibit mouse melanoma proliferation in vitro and in vivo. 2019 , 197, 111533	16
771	Advances in chitosan-based nanoparticles for oncotherapy. 2019 , 222, 115004	67

770	Upconversion luminescence mediated photodynamic therapy through hydrophilically engineered porphyrin. 2019 , 142, 107551	5
769	Graphene Oxide for Drug Delivery and Cancer Therapy. 2019 , 447-488	10
768	A Redox Stimulation-Activated Amphiphile for Enhanced Photodynamic Therapy. 2019 , 20, 2796-2808	16
767	Nanobody-Targeted Photodynamic Therapy Selectively Kills Viral GPCR-Expressing Glioblastoma Cells. 2019 , 16, 3145-3156	40
766	Efficient Generation of Singlet Oxygen and Photooxidation of Sulfide into Sulfoxide via Tuning the Ancillary of Bicyclic Iridium(III) Complexes. 2019 , 58, 7775-7784	18
765	Synthesis of Porphyrinoids, BODIPYs, and (Dipyrrinato)ruthenium(II) Complexes from Prefunctionalized Dipyrrromethanes. 2019 , 2019, 4020-4033	8
764	GRP78-Targeted HPMA Copolymer-Photosensitizer Conjugate for Hyperthermia-Induced Enhanced Uptake and Cytotoxicity in MCF-7 Breast Cancer Cells. 2019 , 19, e1900032	4
763	Metronidazole-substituted dendrimer silicon phthalocyanine: a novel photodynamic therapy photosensitizer. 2018 ,	0
762	Preclinical trial of Bacteriosens used for the photodynamic therapy of malignant tumors, including prostate cancer. 2018 , 17, 55-64	4
761	Chapter 7: Photodynamic Antimicrobial Polymers. 2019 , 193-227	
760	The efficacy of photodynamic therapy in rat tongue dysplasia. 2019 , 11, e587-e592	2
759	Chapter 12: Supramolecular Assemblies of Cucurbit[n]urils with Conjugated Polymers and Porphyrins: Effects on Their Photophysical and Photochemical Properties and Their Applications in Photodynamic Therapy. 2019 , 258-282	
758	Comparison of an in vivo Model with an in vitro Model Based on the Electrical Potential Decrease in the Myocardium or Myocardial Cells by an Extracellular Photosensitization Reaction. 2019 , 39, 303-314	
757	Prerequisite of a Holistic Blend of Traditional and Modern Approaches of Cancer Management. 2019 , 15, 56-64	
756	Assembly of a PDT device with a near-infrared fluorescence monitoring of PpIX during treatment. 2019 ,	
755	Painless versus conventional photodynamic therapy for treatment of actinic keratosis: Comparison of cell death and immune response in a murine model. 2019 , 10860,	
754	Solubilization of hydrophobic bacteriochlorin-based photosensitizers in micelles of surfactants. 2019 , 8, 18-23	
753	Different effect of polymer-incorporated nanoparticles of Au and Ag on hematoporphyrin interaction with graft polymers. 2019 , 26, 107-113	1

- 752 Reactive oxygen species explicit dosimetry to predict tumor growth for BPD-mediated vascular photodynamic therapy. **2019**, 10861,
- 751 A retrospective analysis of the correlation between AXL expression and clinical outcomes of patients with urothelial bladder carcinoma.. **2019**, 8, 976-984
- 750 Theranostic cranial implant for hyperspectral light delivery and microcirculation imaging without scalp removal. 0
- 749 5-Aminolevulinic acid photodynamic therapy: an effective treatment modality for female precancerous lesions: experience of a single center. **2019**,
- 748 5-ALA induces the distribution of endogenous PpIX fluorescence in cervical lesions. **2019**,
- 747 Clinical evaluation of smartphone-based fluorescence imaging for guidance and monitoring of ALA PDT. **2019**,
- 746 Fabrication and Study of Organic Nanomaterials as Photosensitizers for Photodynamic Therapy. **2020**, 616-623
- 745 In vitro and in vivo photodynamic therapy of solid tumors with a combination of riboflavin and upconversion nanoparticles. **2019**, 47, 647-653 1
- 744 Histological Changes of Feline Mammary Carcinoma Treated by NPe6 HVJ-E PDT. **2020**, 40, 403-407
- 743 Light-controlled calcium signalling in prostate cancer and benign prostatic hyperplasia. **2020**, 6, 1
- 742 Distinct photooxidation-induced cell death pathways lead to selective killing of human breast cancer cells.
- 741 Investigation into the influence of an acrylic acid acceptor in organic D- π A sensitizers against phototoxicity. **2020**, 28, 115558
- 740 The Formulation of Methylene Blue Encapsulated, Tc-99m Labeled Multifunctional Liposomes for Sentinel Lymph Node Imaging and Therapy. **2020**, 17, 381-387 1
- 739 Photodynamic Therapy Using a Novel Phosphorus Tetraphenylporphyrin Induces an Anticancer Effect via Bax/Bcl-xL-related Mitochondrial Apoptosis in Biliary Cancer Cells. **2020**, 53, 61-72 3
- 738 Combined spectral- and video-fluorescent diagnostics of cervical neoplasms for photodynamic therapy. **2020**, 17, 105602 2
- 737 Chemo-photodynamic therapy with light-triggered disassembly of theranostic nanoplatform in combination with checkpoint blockade for immunotherapy of hepatocellular carcinoma. **2021**, 19, 355 3
- 736 Oxygen-Abundant and pH/NIR Dual-Responsive Nanocarriers for Tumor Hypoxia Reduction Therapy. 1
- 735 Photodynamic Treatment of Colorectal Cancer Using Chlorin e6-Loaded Poly(lactide-co-glycolide)-Based Nanoparticles. **2021**, 17, 1939-1950 1

734	Photo-triggerable liposomes based on lipid-porphyrin conjugate and cholesterol combination: Formulation and mechanistic study on monolayers and bilayers. 2022 , 1864, 183812	1
733	Review of Oxygenation with Nanobubbles: Possible Treatment for Hypoxic COVID-19 Patients.	4
732	Metal Nanoparticles for Photodynamic Therapy: A Potential Treatment for Breast Cancer. 2021 , 26,	4
731	Gelatin nanoparticles via template polymerization for drug delivery system to photoprocess application in cells. 2021 , 1-18	1
730	Pyridinium Alkynylanthracenes as Sensitizers for Photodynamic Therapy. 2021 ,	0
729	Investigation of the phenomenon of photobleaching and evaluation of the effectiveness of treatment using a led photodynamic therapy device on optical phantoms. 2021 , 2058, 012034	
728	Photodynamic disinfection and its role in controlling infectious diseases. 2021 , 20, 1497-1545	8
727	Minimally invasive magnetic resonance image-guided prostate interventions. 2021 , 20210698	1
726	Circumventing Drug Resistance Pathways with a Nanoparticle-Based Photodynamic Method. 2021 , 21, 9115-9123	1
725	Synthesis and photodynamic efficacy of water-soluble protoporphyrin IX homologue with mPEG550. 2021 , 36, 102615	0
724	The application of photodynamic inactivation to microorganisms in food. 2021 , 12, 100150	3
723	Role of RKIP in the tumor response to photooxidative damage. 2020 , 77-93	1
722	Tumor-Responsive Drug Release Strategies. 2020 , 57-86	
721	Antibody-Based Targeted Interventions for the Diagnosis and Treatment of Skin Cancers. 2021 , 21, 162-186	0
720	A Novel Dicationic Boron Dipyrromethene-based Photosensitizer for Antimicrobial Photodynamic Therapy against Methicillin-Resistant Staphylococcus aureus. 2021 , 28, 4283-4294	1
719	The IRE1 Inhibitor Kira6 Curtails The Inflammatory Trait Of Immunogenic Anticancer Treatments By Targeting Hsp60 Independent Of IRE1.	
718	Multidimensional indicators of scholarly impact in the skin oncology literature: is there a correlation between bibliometric and altmetric profiles?. 2021 , 55, 232-241	1
717	Negative effects of tumor cell nitric oxide on anti-glioblastoma photodynamic therapy. 2020 , 6,	0

- 716 Exploring near-infrared absorbing nanocarriers to overcome cancer drug resistance.. **2020**, 3, 302-333 1
- 715 Chapter 6. Computational Spectroscopy and Photophysics in Complex Biological Systems: Towards an In Silico Photobiology. **2020**, 202-246 0
- 714 Anticancer and Antimicrobial MOFs and Their Derived Materials. **2020**, 263-285 2
- 713 MEK reduces cancer-specific PpIX accumulation through the RSK-ABCB1 and HIF-1 α -VEGF axes. 0
- 712 Self-Remedied Nanomedicine for Surmounting the Achilles' Heel of Photodynamic Tumor Therapy.. **2021**, 4, 8023-8032 2
- 711 Recent Approaches towards the Development of Ru(II) Polypyridyl Complexes for Anticancer Photodynamic Therapy. **2021**, 75, 845-855 0
- 710 Effective Treatment against ESBL-Producing through Synergism of the Photodynamic Activity of Re (I) Compounds with Beta-Lactams. **2021**, 13, 0
- 709 Self-Delivery Nanomedicine for Glutamine-Starvation Enhanced Photodynamic Tumor Therapy. **2021**, e2102038 2
- 708 Smart Polymeric Delivery System for Antitumor and Antimicrobial Photodynamic Therapy. **2021**, 9, 783354 2
- 707 Light-controlled elimination of PD-L1+ cells. **2021**, 225, 112355 1
- 706 A BODIPY-modified polymeric micelle for sustaining enhanced photodynamic therapy. **2021**, 1 1
- 705 Near infrared light activated upconversion nanoparticles (UCNP) based photodynamic therapy of prostate cancers: An in vitro study. **2021**, 36, 102616 0
- 704 Photodynamic Treatment of Oral Lichen Planus: A Literature Review. 8, 0
- 703 Pillar[6]arene-Based Supramolecular Nanocatalysts for Synergistically Enhanced Chemodynamic Therapy by the Intracellular Cascade Reaction. **2021**, 13, 53574-53585 0
- 702 Phototherapy and optical waveguides for the treatment of infection. **2021**, 179, 114036 7
- 701 Photodynamic therapy of cancer of large duodenal papilla and extrahepatic bile ducts. **2020**, 9, 18-28 1
- 700 A Mechanism of Cancer Cell Cytotoxicity of Near-Infrared Photoimmunotherapy. **2020**, 41, 104-109 0
- 699 In Vivo Study of Laser Irradiation Techniques for the Treatment and Palliation of Lung Cancer Using Photodynamic Therapy. **2021**, 551-560 0

698	Chemiluminescence and Its Biomedical Applications. 2021 , 143-195	
697	Photodynamic Therapy and Antitumor Immune Response. 2021 , 383-402	
696	Photodynamic therapy in the treatment of patients with vulvar premalignant diseases. First experience of its use in Ukraine. 2020 , 22-26	1
695	Deep proteome profiling of SW837 cells treated by photodynamic therapy (PDT) reveals the underlying mechanisms of metronomic and acute PDTs. 2020 , 31, 101809	1
694	Spectrophotometrical purity and stability testing of a photosensitizer based on an indotricarbocyanine dye. 2020 , 17-23	0
693	Dihydroceramide desaturase knockdown impacts sphingolipids and apoptosis after photodamage in human head and neck squamous carcinoma cells. 2013 , 33, 77-84	21
692	siRNA-mediated down-regulation of ceramide synthase 1 leads to apoptotic resistance in human head and neck squamous carcinoma cells after photodynamic therapy. 2012 , 32, 2479-2485	11
691	Effects of chlorin e6-mediated photodynamic therapy on human colon cancer SW480 cells. 2014 , 7, 4867-76	12
690	Triaging early-stage lung cancer patients into non-surgical pathways: who, when, and what?. 2015 , 4, 438-47	3
689	Intraoperative acridine orange photodynamic therapy and cribriform electron-beam irradiation for canine intranasal tumors: A pilot study. 2015 , 56, 1232-8	6
688	Inhibitory Effect of Photodynamic Therapy with Indocyanine Green on Rat Smooth Muscle Cells. 2019 , 35, 65-74	5
687	[T-weighted magnetic resonance imaging contrast agents and their theranostic nanoprobles]. 2020 , 40, 427-444	1
686	[Minimally Invasive Therapies for Early Stage Non-small Cell Lung Cancer]. 2020 , 23, 479-486	3
685	Anticancer therapeutics: a brief account on wide refinements. 2020 , 10, 3599-3621	1
684	5-ALA-photodynamic therapy in refractory vulvar lichen sclerosus et atrophicus. 2020 , 13, 3100-3110	1
683	The "" World in Photodynamic Therapy. 2014 , 2,	0
682	Recurrence analysis of intraoperative acridine orange-photodynamic therapy for dogs with intranasal tumors. 2021 , 62, 1117-1122	
681	Photodynamic Therapy Review: Principles, Photosensitizers, Applications, and Future Directions. 2021 , 13,	5

680	Reactive Oxygen Species, Central Regulators of the Tumor Microenvironment. 2021 , 1-18	
679	Cationic porphyrazines with morpholinoethyl substituents [Syntheses, optical properties, and photocytotoxicities. 2022 , 197, 109937	1
678	Combating the hypoxia limit of photodynamic therapy through reversing the survival-related pathways of cancer cells. 2022 , 452, 214306	2
677	Nanoparticle Systems for Cancer Phototherapy: An Overview. 2021 , 11,	3
676	Implications of photodynamic cancer therapy: an overview of PDT mechanisms basically and practically. 2021 , 33, 34	2
675	Chlorin e6 mediated photodynamic therapy triggers resistance through ATM-related DNA damage response in lung cancer cells. 2021 , 102645	4
674	An overview of current therapeutic strategies for glioblastoma and the role of CD73 as an alternative curative approach. 2021 , 1	0
673	Enhanced Photodynamic Therapy Effects of Graphene Quantum Dots Conjugated with Aminoporphyrins.	3
672	Irreversible thermal damage due to a laser pulse on the human breast tumour. 1-17	
671	Photodynamic and antiangiogenic activities of parietin liposomes in triple negative breast cancer.. 2021 , 112543	1
670	Prolongation excitation wavelength of two-photon active photosensitizer for near-infrared light-induced in vitro photodynamic therapy. 2021 , 132030	0
669	Photodynamic Therapy-Mediated Immune Responses in Three-Dimensional Tumor Models. 2021 , 22,	2
668	Nanoparticle-Mediated Delivery Systems in Photodynamic Therapy of Colorectal Cancer. 2021 , 22,	1
667	Metal-Organic Frameworks (MOFs) for Cancer Therapy. 2021 , 14,	10
666	Aloe-Emodin-Mediated Photodynamic Therapy Induces Apoptosis in Basal Cell Carcinoma Cells via Activation of ERK/JNK Signaling Pathway. 2021 , 2021, 1-10	
665	Exploring silver nanoparticles for cancer therapy and diagnosis.. 2021 , 210, 112254	4
664	An Optimized Approach for Prostate Image Segmentation Using K-Means Clustering Algorithm with Elbow Method. 2021 , 2021, 4553832	3
663	Hydrogen Sulfide: An Emerging Precision Strategy for Gas Therapy. 2021 , e2101984	5

662	Nanotechnology: A Potential Weapon to Fight against COVID-19.. 2022 , 39, 2100159	1
661	Conjugated Polymers for Combatting Antimicrobial Resistance.	0
660	Shape-Controllable Tellurium-Driven Heterostructures with Activated Robust Immunomodulatory Potential for Highly Efficient Radiophotothermal Therapy of Colon Cancer. 2021 ,	5
659	Cytotoxicity of structurally-modified chlorins aimed for photodynamic therapy applications. 2021 , 425, 113647	0
658	Methylene Blue-Based Nano and Microparticles: Fabrication and Applications in Photodynamic Therapy. 2021 , 13,	2
657	A photoactivable natural product with broad antiviral activity against enveloped viruses including highly pathogenic coronaviruses. 2021 , AAC0158121	1
656	Recent Advances in Bio-Compatible Oxygen Singlet Generation and Its Tumor Treatment. 2100176	3
655	Targeted Photodynamic Diagnosis and Therapy for Esophageal Cancer: Potential Role of Functionalized Nanomedicine. 2021 , 13,	1
654	Phthalocyanine and Its Formulations: A Promising Photosensitizer for Cervical Cancer Phototherapy.. 2021 , 13,	4
653	Highly Efficient Ir(III)-Coumarin Photo-Redox Catalyst for Synergetic Multi-Mode Cancer Photo-Therapy. 2021 ,	2
652	A Glutathione Activatable Photosensitizer for Combined Photodynamic and Gas Therapy under Red Light Irradiation. 2021 , e2102017	3
651	AIPE-Active Ir(III) complexes with tuneable photophysical properties and application in mitochondria-targeted dual-mode photodynamic therapy. 2021 , 268, 120690	0
650	Inhibiting autophagy increases the efficacy of low-dose photodynamic therapy. 2021 , 194, 114837	0
649	The New Mitochondrial Uncoupler BAM15 Induces ROS Production for Treatment of Acute Myeloid Leukemia.	
648	Photodynamic Oxidative Stress Targets Cancer as Well as Cancer Stem Cells. 2022 , 1-19	
647	Spherical and rod shaped mesoporous silica nanoparticles for cancer-targeted and photosensitizer delivery in photodynamic therapy.. 2022 ,	1
646	Combinatorial Therapeutic Approaches with Nanomaterial-Based Photodynamic Cancer Therapy.. 2022 , 14,	3
645	Breaking-then-curing strategy for efficient cystic echinococcosis therapy. 2022 ,	1

- 644 Photodynamic therapy targeting nucleic acid G-quadruplexes. **2022**, 22, 25-35
- 643 The 10th anniversary of MXenes: Challenges and prospects for their surface modification toward future biotechnological applications.. **2022**, 182, 114099 6
- 642 Covalent RGD-graphene-phthalocyanine nanocomposite for fluorescence imaging-guided dual active/passive tumor-targeted combinatorial phototherapy.. **2021**, 4
- 641 Hypocrellin B-based activatable photosensitizers for specific photodynamic effects against high HO-expressing cancer cells. **2021**, 0
- 640 A size/charge/targeting changeable nano-booster to realize synergistic photodynamic-immunotherapy with high safety. **2022**, 434, 134585 3
- 639 Curcumin encapsulation in functional PLGA nanoparticles: A promising strategy for cancer therapies.. **2021**, 300, 102582 4
- 638 Folic acid-modified metal-organic framework carries CPT and DOX for cancer treatment. **2022**, 306, 122803 0
- 637 Picolylamine-functionalized benz[e]indole squaraine dyes: Synthetic approach, characterization and in vitro efficacy as potential anticancer phototherapeutic agents.. **2021**, 229, 114071 1
- 636 Synthesis of N-aryl-2,6-diphenyl-2H-pyrazolo[4,3-c]pyridin-7-amines and their photodynamic properties in the human skin melanoma cell line G361.. **2021**, 119, 105570 2
- 635 Nanoengineered therapy aiming at the etiology of rheumatoid arthritis. **2022**, 42, 101367 3
- 634 Dual antisense oligonucleotide targeting miR-21/miR-155 synergize photodynamic therapy to treat triple-negative breast cancer and inhibit metastasis.. **2021**, 146, 112564 1
- 633 Polylactide Nanoparticles Encapsulating Indocyanine Green for Photothermal Therapy of Prostate Cancer Cells.. **2021**, 102693 1
- 632 Photodynamic therapy for primary tracheobronchial malignancy in Northwestern China.. **2021**, 37, 102701 0
- 631 EGFR-targeted photosensitizer for enhanced photodynamic therapy and imaging therapeutic effect by monitoring GSH decline. **2022**, 355, 131275 1
- 630 Thiocarbonyl photosensitizer, a feasible way to eliminate the photosensitizer residues in photodynamic therapy.. **2021**, 270, 120783 0
- 629 Conjugated polymer nanoparticles as multi-modal photodynamic therapy probes. **2020**,
- 628 Evaluation of histone deacetylase inhibitor substituted zinc and indium phthalocyanines for chemo- and photodynamic therapy.. **2021**, 11, 34963-34978 2
- 627 Fototerapia [metoda wykorzystywana w leczeniu przewlekłych schorzeń dermatologicznych]. **2021**, 75, 873-888

626	Current Trends in Engineered Gold Nanoparticles for Cancer Therapy. 2021 , 1-40	2
625	Photodynamic Therapy Review: Principles, Photosensitizers, Applications, and Future Directions. 2021 , 13, 1332	39
624	Construction and evaluation of curcumin upconversion nanocarriers decorated with MnO for tumor photodynamic therapy.. 2022 , 1	0
623	Multifunctional FeS@SRF@BSA nanoplatfom for chemo-combined photothermal enhanced photodynamic/chemodynamic combination therapy. 2021 ,	2
622	Recent Developments in ROS-Based Nanotherapeutic Modalities in Preclinical Cancer Treatment. 2022 , 1-18	
621	ROS-responsive dexamethasone micelles normalize the tumor microenvironment enhancing hypericin in cancer photodynamic therapy.. 2022 ,	1
620	A tumor microenvironment-responsive Co/ZIF-8/ICG/Pt nanoplatfom for chemodynamic and enhanced photodynamic antitumor therapy.. 2022 ,	0
619	Conjugates of Porphyrinoid-Based Photosensitizers with Cytotoxic Drugs: Current Progress and Future Directions toward Selective Photodynamic Therapy.. 2022 ,	2
618	Microwave-Assisted Synchronous Nanogold Synthesis Reinforced by Kenaf Seed and Decoding Their Biocompatibility and Anticancer Activity.. 2022 , 15,	4
617	Antiproliferative and Cytotoxic Activities of Fluorescein-A Diagnostic Angiography Dye.. 2022 , 23,	0
616	Synergic Antitumor Effect of Photodynamic Therapy and Chemotherapy Mediated by Nano Drug Delivery Systems.. 2022 , 14,	4
615	Mitochondrion-targeting PEGylated BODIPY dyes for near-infrared cell imaging and photodynamic therapy.. 2022 ,	1
614	Ultrasound controlled mechanophore activation in hydrogels for cancer therapy.. 2022 , 119,	2
613	Theranostic PSMA ligands with optimized backbones for intraoperative multimodal imaging and photodynamic therapy of prostate cancer.. 2022 , 1	0
612	Combined effect of heat shock protein inhibitor geldanamycin and free radicals on photodynamic therapy of prostate cancer.. 2022 ,	1
611	EGFR-Targeted Photodynamic Therapy.. 2022 , 14,	6
610	Photodynamic inactivation (PDI) as a promising alternative to current pharmaceuticals for the treatment of resistant microorganisms.. 2022 ,	3
609	Computational Studies of the Photogeneration from Dihydrosanguinarine and the Probable Cytotoxicity Mechanism of Sanguinarine. 2022 , 12, 1095	

608	A scintillating nanoplatform with upconversion function for the synergy of radiation and photodynamic therapies for deep tumors.. 2022 , 10, 688-695	1
607	Rare-Earth Doping in Nanostructured Inorganic Materials.. 2022 ,	24
606	Molecular Engineering of Polymyxin B for Imaging and Treatment of Bacterial Infections.. 2021 , 9, 809584	
605	A Photosensitizer Discretely Loaded Nanoaggregate with Robust Photodynamic Effect for Local Treatment Triggers Systemic Antitumor Responses.. 2022 ,	5
604	Synthesis and in vitro biological evaluation of novel water-soluble porphyrin complexes for cancer photodynamic therapy.	1
603	Magnetic Resonance/Infrared Dual-Modal Imaging-Guided Synergistic Photothermal/Photodynamic Therapy Nanoplatform Based on CuS-Gd@FA for Precision Cancer Theranostics.. 2022 , 615, 95-109	1
602	Contact-Free Remote Manipulation of Hydrogel Properties Using Light-Triggerable Nanoparticles: A Materials Science Perspective for Biomedical Applications.. 2022 , e2102088	3
601	Photochemically-Mediated Inflammation and Cross-Presentation of BCG Proteins Stimulates Strong CD4 and CD8 T-Cell Responses in Mice.. 2022 , 13, 815609	0
600	Photophysical characterization and in vitro anti-leishmanial effect of 5,10,15,20-tetrakis(4-fluorophenyl) porphyrin and the metal (Zn(II), Sn(IV), Mn(III) and V(IV)) derivatives.. 2022 , 35, 159	
599	A P-61 Black Widow Inspired Palladium Biladiene Complex for Efficient Sensitization of Singlet Oxygen Using Visible Light. 2022 , 2, 58-68	2
598	IR-808 loaded nanoethosomes for aggregation-enhanced synergistic transdermal photodynamic/photothermal treatment of hypertrophic scars. 2021 ,	0
597	Novel Water-Soluble Chlorin-Based Photosensitizer for Low-Fluence Photodynamic Therapy.. 2022 , 5, 110-117	1
596	Photodynamic Therapy in Complex Therapy of Retroperitoneal Tumors in Children.	
595	Binding of toluidine blue-myristic acid derivative to cucurbit[7]uril and human serum albumin: computational and biophysical insights towards a biosupramolecular assembly.. 2022 ,	
594	Synthesis, Characterization and Biodistribution of GdF:Tb@RB Nanocomposites.. 2022 , 15,	0
593	DFT Study of the Molecular and Electronic Structure of Metal-Free Tetrabenzoporphyrin and Its Metal Complexes with Zn, Cd, Al, Ga, In.. 2022 , 23,	3
592	Tetra-2,3-Pyrazinoporphyrazines with Externally Appended Pyridine Rings 22 Synthesis, Physicochemical and Photoactivity Studies on In(III) Mono- and Heteropentanuclear Complexes.. 2022 , 27,	0
591	SMA-BmobaSNO: an intelligent photoresponsive nitric oxide releasing polymer for drug nanoencapsulation and targeted delivery.. 2022 ,	

590	Methods to Measure the Inhibition of ABCG2 Transporter and Ferrochelatase Activity to Enhance Aminolevulinic Acid-Protoporphyrin IX Fluorescence-Guided Tumor Detection and Resection.. 2022 , 2394, 823-835	0
589	Reactive Oxygen Species: Central Regulators of the Tumor Microenvironment. 2022 , 663-679	
588	Photoimmunotherapy for Managing Recurrent Laryngeal Cancer Cervical Lesions: A Case Report.. 2022 , 15, 34-39	0
587	Red blood cells membrane-derived nanoparticles: Applications and key challenges in their clinical translation.. 2022 , e1776	3
586	Detection of singlet oxygen by EPR: The instability of the nitroxyl radicals.. 2022 , 180, 143-152	1
585	Ferroptosis triggered by dihydroartemisinin facilitates chlorin e6 induced photodynamic therapy by inhibiting GPX4 and enhancing ROS.. 2022 , 174797	2
584	Engineering bioluminescent bacteria to boost photodynamic therapy and systemic anti-tumor immunity for synergistic cancer treatment.. 2021 , 281, 121332	4
583	In-Vitro Co-delivery of Decarbazine and Photosense using Poly lactic-co-glycolic acid nanocarrier for combinational therapy.. 2022 , 37, 102737	
582	One-Step Aqueous Synthesis of Anionic and Cationic AgInS Quantum Dots and Their Utility in Improving the Efficacy of ALA-Based Photodynamic Therapy.. 2022 ,	0
581	Diversified antibacterial modification and latest applications of polysaccharide-based hydrogels for wound healthcare. 2022 , 26, 101396	4
580	Photochromic materials as a photosensitizer in reversible reactive singlet oxygen generation. 2022 , 199, 110104	1
579	Photodynamic therapy for oral potentially malignant disorders: A Systematic Review and Meta-analysis.. 2022 , 102713	2
578	Benefits and safety of photodynamic therapy in patients with hilar cholangiocarcinoma: a meta-analysis.. 2022 , 37, 102712	2
577	Novel piperazine-substituted silicon phthalocyanines exert anti-cancer effects against breast cancer cells.. 2022 , 102734	0
576	Activated supramolecular nano-agents: From diagnosis to imaging-guided tumor treatment. 2022 , 43, 101392	2
575	Graphene quantum dots: A contemporary perspective on scope, opportunities, and sustainability. 2022 , 157, 111993	6
574	Boost highly efficient singlet oxygen generation and accelerate cancer cell apoptosis for photodynamic therapy by logically designed mitochondria targeted near-infrared AIEgens. 2022 , 358, 131471	2
573	Dynamic covalent chemistry in live cells for organelle targeting and enhanced photodynamic action.. 2022 , 13, 3652-3660	1

572	Riboflavin as a promising antimicrobial agent? A multi-perspective review.. 2022 , 3, 100111	1
571	Effects of patient-specific treatment planning on eligibility for photodynamic therapy of deep tissue abscess cavities: retrospective Monte Carlo simulation study.. 2022 , 27,	0
570	Harnessing GLUT1 Targeted Pro-oxidant Ascorbate for Synergistic Phototherapeutics.	
569	Role of autophagy in drug resistance and regulation of osteosarcoma (Review).. 2022 , 16, 72	2
568	Harnessing GLUT1 Targeted Pro-oxidant Ascorbate for Synergistic Phototherapeutics.. 2022 ,	1
567	Therapeutic Options for Recurrent Glioblastoma-Efficacy of Talaporfin Sodium Mediated Photodynamic Therapy.. 2022 , 14,	0
566	Identification of excimer delayed fluorescence by Protoporphyrin IX: A novel access to local chromophore concentration?. 2022 , 229, 112408	
565	Photodynamic therapy mediated by nanoparticles Aluminum Chloro Phthalocyanine in oral squamous carcinoma cells.. 2022 , 1	
564	Amphiphilic Protoporphyrin IX Derivatives as New Photosensitizing Agents for the Improvement of Photodynamic Therapy.. 2022 , 10,	0
563	Some Natural Photosensitizers and Their Medicinal Properties for Use in Photodynamic Therapy.. 2022 , 27,	3
562	Remodeling Tumor-Associated Neutrophils to Enhance Dendritic Cell-Based HCC Neoantigen Nano-Vaccine Efficiency.. 2022 , e2105631	5
561	Near-Infrared Light-Excited Reactive Oxygen Species Generation by Thulium Oxide Nanoparticles.. 2022 ,	3
560	Peptide-based supramolecular photodynamic therapy systems: From rational molecular design to effective cancer treatment. 2022 , 436, 135240	4
559	The zoonosis sporotrichosis can be successfully treated by photodynamic therapy: A scoping review.. 2022 , 228, 106341	0
558	Core-shell structured nanoparticles for photodynamic therapy-based cancer treatment and related imaging. 2022 , 458, 214427	2
557	Theoretical study of new promising conjugated psoralens in psoralen ultraviolet A therapy.	
556	Electronic Textiles for Wearable Point-of-Care Systems.. 2021 ,	50
555	Radiation Driven Chemistry in Biomolecules (V)UV Involved in the Bioactivity of Argon Jet Plasmas?. 2021 , 9,	1

554	Biomedical Applications and Bioavailability of Curcumin-An Updated Overview.. 2021 , 13,	9
553	Regulation of Ion Channel Function by Gas Molecules.. 2021 , 1349, 139-164	1
552	Liposomal cyanine dyes with enhanced nonradiative transition for the synergistic phototherapy of tumors.. 2022 ,	1
551	Semiconductor polymer nanoparticles for biological application. 2022 ,	
550	Targeted photoimmunotherapy for cancer.. 2022 , 13, 126-147	1
549	Bridging Bio-Nanoscience and Cancer Nanomedicine. 2022 , 295-313	
548	Combination of anticancer drugs with microRNA as cancer therapeutics. 2022 , 273-295	
547	Recent advances in the development and applications of conjugated polymer dots.. 2022 ,	0
546	A low molecular weight multifunctional theranostic molecule for the treatment of prostate cancer.. 2022 , 12, 2335-2350	0
545	A photosensitizing fusion protein with targeting capabilities.. 2022 , 13, 175-182	1
544	A DNA functionalized metal-organic framework combined with magnesium peroxide nanoparticles: targeted and enhanced photodynamic therapy. 2022 , 6, 956-965	1
543	Comparison of the Photodynamic Effect of Two Chlorins, Photodithazine and Fotoenticine, in Gliosarcoma Cells. 2022 , 2, 165-180	3
542	Development of Novel Tetrapyrrole Structure Photosensitizers for Cancer Photodynamic Therapy.. 2022 , 9,	4
541	Photo-activated thin films of porphyrins for reactive oxygen species generation.	
540	Oxygen Self-Supply Engineering-Ferritin for the Relief of Hypoxia in Tumors and the Enhancement of Photodynamic Therapy Efficacy.. 2022 , e2200116	16
539	In Silico, Combined Plasmonic Photothermal and Photodynamic Therapy in Mice. 2022 , 3, 39-54	2
538	Anti-COVID-19 Nanomaterials: Directions to Improve Prevention, Diagnosis, and Treatment.. 2022 , 12,	3
537	Homologous targeting nanoparticles for enhanced PDT against osteosarcoma HOS cells and the related molecular mechanisms.. 2022 , 20, 83	2

536	Multiple Light-Activated Photodynamic Therapy of Tetraphenylethylene Derivative with AIE Characteristics for Hepatocellular Carcinoma via Dual-Organelles Targeting.. 2022 , 14,	0
535	Photoresponsive prodrug-dye nanoassembly for in-situ monitorable cancer therapy.	2
534	Redox signaling at the crossroads of human health and disease.. 2022 , 3, e127	7
533	Photodynamic therapy for stage I and II non-small cell lung cancer: A SEER-Medicare analysis 2000-2016.. 2022 , 101,	0
532	PDD-guided tumor excision combined with photodynamic therapy in patients with extramammary Paget's disease.. 2022 , 102841	0
531	Photodynamic treatment of pathogens. 1	2
530	A guide to designing photocontrol in proteins: methods, strategies and applications.. 2022 ,	1
529	Photodynamic Therapy: Critical PDT Theory.. 2022 ,	2
528	Bronchoscopic Lung Nodule Ablation. 1	
527	New opportunities for light-based tumor treatment with an "iron fist".. 2022 , 11, 65	2
526	Evoking pyroptosis with nanomaterials for cancer immunotherapy: Current boom and novel outlook. 2022 , 9130001	0
525	The effect of molecular structure of chlorin photosensitizers on photo-bleaching of 1,3-diphenylisobenzofuran: the possible evidence of iodine reactive species formation. 2022 , 25, 97-102	1
524	Effective Therapy of Drug-Resistant Bacterial Infection by Killing Planktonic Bacteria and Destructing Biofilms with Cationic Photosensitizer Based on Phosphindole Oxide.. 2022 , e2200743	4
523	Review on NAD(P)H dehydrogenase quinone 1 (NQO1) pathway.. 2022 , 1	4
522	Interaction of Cyanine-D112 with Binary Lipid Mixtures: Molecular Dynamics Simulation and Differential Scanning Calorimetry Study.. 2022 , 7, 9765-9774	0
521	Recent Advances of Pyridinone in Medicinal Chemistry.. 2022 , 10, 869860	2
520	Hematoporphyrin Photosensitizer-Linked Carbon Quantum Dots for Photodynamic Therapy of Cancer Cells. 2022 , 5, 4376-4385	6
519	A Cell Membrane Targeting Molybdenum-Iodine Nanocluster: Rational Ligand Design toward Enhanced Photodynamic Activity.. 2022 ,	1

518	Electronic Structure Modulation of Ag S by Vacancy Engineering for Efficient Bacterial Infection.. 2022 , e2107807	2
517	Light amplified oxidative stress in tumor microenvironment by carbonized hemin nanoparticles for boosting photodynamic anticancer therapy.. 2022 , 11, 47	2
516	High-power quasi-CW diode-pumped 750-nm AlGaAs VECSEL emitting a peak power of 29.6 W and an average power of 8.5 W.. 2022 , 47, 1980-1983	1
515	Metformin overcomes metabolic reprogramming-induced resistance of skin squamous cell carcinoma to photodynamic therapy.. 2022 , 101496	1
514	Recent advances in glioma microenvironment-response nanoplatfoms for phototherapy and sonotherapy.. 2022 , 106218	2
513	The new mitochondrial uncoupler BAM15 induces ROS production for treatment of acute myeloid leukemia.. 2022 , 198, 114948	1
512	Nuclear Targeting Subcellular-delivery Nanosystems for Precise Cancer Treatment.. 2022 , 121735	1
511	Dark Dynamic Therapy: Photosensitization without Light Excitation Using Chemiluminescence Resonance Energy Transfer in a Dioxetane-Erythrosin B Conjugate.. 2022 ,	1
510	Unraveling of Functional Activity of Primary Hippocampal Neuron-Glial Networks in Photodynamic Therapy Based on Tetracyanotetra(aryl)porphyrazines.. 2022 , 11,	0
509	Reduction of SARS-CoV-2 Viral Load by Photodynamic Therapy (PDT) Verified by QPCR A Novel Approach to Treat Patients in Early Infection Stages (Preprint).	
508	Smart Nanocomposite Assemblies for Multimodal Cancer Theranostics.. 2022 , 121697	4
507	Glutathione depletion and photosensitizer activation augments efficacy of tumor photodynamic immunotherapy. 2022 , 136170	2
506	The solid tumor microenvironment-Breaking the barrier for T cells: How the solid tumor microenvironment influences T cells: How the solid tumor microenvironment influences T cells.. 2022 , e2100285	0
505	Heterojunction engineered bioactive chlorella for cascade promoted cancer therapy.. 2022 , 345, 755-769	5
504	Thiol-reacting toluidine blue derivatives: Synthesis, photophysical properties and covalent conjugation with human serum albumin. 2022 , 201, 110225	0
503	Strategies to improve the EPR effect: A mechanistic perspective and clinical translation.. 2022 , 345, 512-536	2
502	Skin-safe nanophotosensitizers with highly-controlled synthesized polydopamine shell for synergetic chemo-photodynamic therapy.. 2022 , 616, 81-92	3
501	Optimizing the photodynamic therapeutic effect of BODIPY-based photosensitizers against cancer and bacterial cells. 2022 , 202, 110255	2

500	Influence of the methods of synthesis and grain size distribution on XEOL spectra of CaWO ₄ :xTb ³⁺ . 2022 , 140, 109407	
499	Synthesis, crystal structure and biological evaluation of thyroid cancer targeting photosensitizer for photodynamic therapy. 2022 , 428, 113873	0
498	Microfluidic system with light intensity filters facilitating the application of photodynamic therapy for high-throughput drug screening.. 2022 , 102812	0
497	Rational design of mitochondria targeted thiabendazole-based Ir(III) biscyclometalated complexes for a multimodal photodynamic therapy of cancer.. 2022 , 231, 111790	0
496	Toxic reactive oxygen species enhanced chemodynamic therapy by copper metal-nanocellulose based nanocatalysts.. 2022 , 289, 119432	1
495	Photovoltaic polymer Photosensitizer-Doped Nano-Therapeutic reagent for in vivo enhanced bioimaging guided photodynamic therapy. 2022 , 441, 135983	0
494	Is violet LED light-based PDT efficient to treat superficial lesions such as a low-grade cervical intraepithelial neoplasia?. 2021 ,	
493	Injectable Hydrogel for Synergetic Low Dose Radiotherapy, Chemodynamic Therapy and Photothermal Therapy. 2021 , 9, 757428	0
492	Two Laser Treatments Can Improve Tumor Ablation Efficiency of Chemophototherapy.. 2021 , 13,	2
491	Assessing Photosensitized Membrane Damage: Available Tools and Comprehensive Mechanisms.. 2021 ,	1
490	Light-guided tumor diagnosis and therapeutics: From nanoclusters to polyoxometalates. 2021 ,	0
489	Overcoming Therapy Resistance and Relapse in TNBC: Emerging Technologies to Target Breast Cancer-Associated Fibroblasts.. 2021 , 9,	2
488	Photodynamic antimicrobial activity of magnesium(II) porphyrine with bulky peripheral sulfanyl substituents. 1-6	0
487	Current Photoactive Molecules for Targeted Therapy of Triple-Negative Breast Cancer.. 2021 , 26,	1
486	Evaluation of Ruthenium-Based Assemblies as Carriers of Photosensitizers to Treat Rheumatoid Arthritis by Photodynamic Therapy.. 2021 , 13,	2
485	Molecular Effectors of Photodynamic Therapy-Mediated Resistance to Cancer Cells.. 2021 , 22,	4
484	Regulation of ROS in Skin Stem Cells for Cancer Therapeutics. 2022 , 1-24	
483	Diffuse Optical Spectroscopy Monitoring of Experimental Tumor Oxygenation after Red and Blue Light Photodynamic Therapy. 2022 , 9, 19	1

482	Near-infrared light-triggered nano-prodrug for cancer gas therapy.. 2021 , 19, 443	3
481	Antibacterial Nanoparticles with Natural Photosensitizers Extracted from Spinach Leaves.. 2022 , 7, 1505-1513	1
480	Computational Design of Rhenium(I) Carbonyl Complexes for Anticancer Photodynamic Therapy.. 2021 ,	2
479	Emitter-Active Shell in NaYF ₄ :Yb,Er/NaYF ₄ :Er Upconversion Nanoparticles for Enhanced Energy Transfer in Photodynamic Therapy. 2022 , 5, 559-568	1
478	Alkaloids as Photosensitizers for the Inactivation of Bacteria.. 2021 , 10,	1
477	Photosensitization of a subcutaneous tumour by the natural anthraquinone parietin and blue light. 2021 , 11, 23820	0
476	Depletion of CD206+ Tumour Macrophages via a Peptide-Targeted Star-Shaped Polyglutamate Inhibits Tumourigenesis and Metastatic Dissemination in Breast Cancer Models.	0
475	Combined Fluorescence and Optoacoustic Imaging for Monitoring Treatments against CT26 Tumors with Photoactivatable Liposomes.. 2021 , 14,	0
474	Chlorin E6-photodynamic therapy basal cell carcinoma. 2021 , 8, 33-43	0
473	Current Therapeutics and Future Perspectives to Ocular Melanocytic Neoplasms in Dogs and Cats.. 2021 , 8,	1
472	Transurethral Resection of Non-Muscle Invasive Bladder Tumors Combined with Fluorescence Diagnosis and Photodynamic Therapy with Chlorin e-Type Photosensitizers.. 2021 , 11,	3
471	Femtosecond Pump-Probe, Single-Particle Spectroscopic Study on Excited-State Migration Dynamics of Copper Hexadecafluorophthalocyanine Nanorods. 2021 , 125, 27260-27266	1
470	Nitric oxide nano-prodrug platform with synchronous glutathione depletion and hypoxia relief for enhanced photodynamic cancer therapy.. 2021 , 112616	1
469	A new valid rhabdomyosarcoma spheroid culture model for in vitro evaluation of hypericin-based photodynamic therapy. 2021 , e29482	0
468	Cell membrane-targeting AIE photosensitizer as necroptosis inducer for boosting cancer theranostics.	3
467	Upconversion nanoparticles: Recent strategies and mechanism based applications. 2022 ,	1
466	Tumor-targeted fluorescence labeling systems for cancer diagnosis and treatment.. 2022 ,	0
465	Current novel drug deliveries for oral cancer: A Chronotherapeutic approach.. 2022 ,	1

- 464 Advances in Graphene Platforms for Drug Delivery in Cancer and Its Biocompatibility.
- 463 Bioactive Keratin and Fibroin Nanoparticles: An Overview of Their Preparation Strategies.. **2022**, 12, 1
- 462 Novel cationic-chalcone phthalocyanines for photodynamic therapy eradication of *S. aureus* and *E. coli* bacterial biofilms and MCF-7 breast cancer.. **2022**, 102863 1
- 461 Successful reduction of SARS-CoV-2 Viral Load by Photodynamic Therapy(PDT) Verified by QPCR, A Novel Approach in Treating Patients in Early Infection Stages (Preprint).
- 460 The effect of local non-thermal plasma therapy on the cancer-immunity cycle in a melanoma mouse model. 2
- 459 Synthesis and evaluation of new pyropheophorbide-a derivatives for CAIX-targeted photodynamic therapy. **2022**, 203, 110328 0
- 458 Presentation_1.pdf. **2019**,
- 457 DataSheet_1.pdf. **2021**,
- 456 Data_Sheet_1.PDF. **2018**,
- 455 Data_Sheet_1.PDF. **2019**,
- 454 Data_Sheet_1.docx. **2018**,
- 453 Image_1.tif. **2018**,
- 452 Recent Advances in Near Infrared Upconverting Nanomaterials for Targeted Photodynamic Therapy of Cancer.. **2022**, 1
- 451 Combination of Curcumin and Photodynamic Therapy Based on the Use of Red Light or Near-Infrared Radiation in Cancer: a Systematic Review.. **2022**,
- 450 Photodynamic therapy of melanoma with new, structurally similar, NIR-absorbing ruthenium (II) complexes promotes tumor growth control via distinct hallmarks of immunogenic cell death.. **2022**, 12, 210-228
- 449 Enhancement of Conventional and Photodynamic Therapy for Treatment of Cervical Cancer with Cannabidiol.. **2022**, 21, 15347354221092706 0
- 448 Controlling Immunoregulatory Cell Activity for Effective Photodynamic Therapy of Cancer.. **2022**, 2451, 569-577
- 447 Spatiotemporal Tracking of Different Cell Populations in Cancer Organoid Models for Investigations on Photodynamic Therapy.. **2022**, 2451, 81-90 1

- 446 The Negative Impact of Cancer Cell Nitric Oxide on Photodynamic Therapy.. **2022**, 2451, 21-31
- 445 Inhibition of the HIF-1 Survival Pathway as a Strategy to Augment Photodynamic Therapy Efficacy.. **2022**, 2451, 285-403
- 444 Subcutaneous Xenograft Models for Studying PDT In Vivo.. **2022**, 2451, 127-149
- 443 A host-targeted strategy for converting the photodynamic agents from a singlet oxygen generator to a superoxide radical generator. 5
- 442 Phototherapy: The novel emerging treatment for cancer. **2022**, 31-50 1
- 441 Photodynamic therapy for cancer treatment. **2022**, 89-114
- 440 Fundamentals of photodynamic therapy. **2022**, 51-88 1
- 439 Evaluation of the Antitumor Immune Response Following Photofrin-Based PDT in Combination with the Epigenetic Agent 5-Aza-2'-Deoxycytidine.. **2022**, 2451, 559-567
- 438 Cytotoxicity of Metal-Based Photoactivated Chemotherapy (PACT) Compounds.. **2022**, 2451, 245-258 0
- 437 Marine Biopolymer for Theranostic Applications. **2022**, 255-270
- 436 All-trans retinoic acid enhances the antitumor effects of fimeporfin-based photodynamic therapy.
- 435 LS-HB-Mediated Photodynamic Therapy Inhibits Proliferation and Induces Cell Apoptosis in Melanoma.. **2022**, 1
- 434 Minimizing adverse effects of Cerenkov radiation induced photodynamic therapy with transformable photosensitizer-loaded nanovesicles.. **2022**, 20, 203 2
- 433 The Meta-Substituted Isomer of TMPyP Enables More Effective Photodynamic Bacterial Inactivation than Para-TMPyP In Vitro. **2022**, 10, 858 2
- 432 Photodynamic Therapy-Adjunctive Therapy in the Treatment of Prostate Cancer. **2022**, 12, 1113 0
- 431 Functionalization of Water-Soluble Conjugated Polymers for Bioapplications.. **2022**, 2
- 430 Heptamethine Cyanine-Loaded Nanomaterials for Cancer Immuno-Photothermal/Photodynamic Therapy: A Review. **2022**, 14, 1015 2
- 429 Photodynamic Therapy for Treatment of Disease in Children: A Review of the Literature. **2022**, 9, 695 0

428	Excited state and reactive oxygen species against cancer and pathogens: a review on sonodynamic and sono-photodynamic therapy.. 2022 ,	3
427	Recent advances in metal-organic framework-based materials for anti-staphylococcus aureus infection.. 2022 , 1-23	2
426	Fluoride-Ortho Ester Dimer-Based pH-Sensitive Nanoparticles for Oxygen Delivery and Enhanced Photodynamic Therapy. 2200050	
425	Activity-Based Photosensitizers with Optimized Triplet State Characteristics Toward Cancer Cell Selective and Image Guided Photodynamic Therapy.. 2022 ,	0
424	Solvation, Cancer Cell Photoinactivation and the Interaction of Chlorin Photosensitizers with a Potential Passive Carrier Non-Ionic Surfactant Tween 80. 2022 , 23, 5294	4
423	Ferrochelatase: Mapping the Intersection of Iron and Porphyrin Metabolism in the Mitochondria. 2022 , 10,	2
422	In vivo activated T cell targeting with PD-1/PD-L1 blockade for sequential treatment mediated cancer immunotherapy. 2022 , 44, 101492	4
421	A peptide-AIEgen nanocomposite mediated whole cancer immunity cycle-cascade amplification for improved immunotherapy of tumor.. 2022 , 285, 121528	3
420	Oxygen saturation and blood volume analysis by photoacoustic imaging to identify pre and post-PDT vascular changes.. 2022 , 29, 103304	0
419	A pH-response multifunctional nanoplatfrom based on NaGdF4:Yb,Er,Fe@Ce6@mSiO2-DOX for synergistic photodynamic/chemotherapy of cancer cells. 2022 , 15, 103934	
418	Exploring New Mitochondria-Targetable Theragnostic styrylBODIPYs. 2021 , 8,	
417	Molecular characterization of gene expression changes in murine cutaneous squamous cell carcinoma after 5-aminolevulinic acid photodynamic therapy.. 2022 , 102907	1
416	Which cell death modality wins the contest for photodynamic therapy of cancer?. 2022 , 13, 455	5
415	Clinical Approaches in Targeting ROS-Induced Cancer. 2022 , 1-16	
414	The efficacy and mechanism of thoracic photodynamic therapy mediated by hematoporphyrin injection on disseminated pleural malignancies of Lewis lung carcinoma in mice.. 2022 , 12, 1502-1510	
413	Photoactive Zr-aromatic hybrid thin films made by molecular layer deposition. 2022 , 12, 15718-15727	
412	Photodynamic Therapy of Brain Diseases. 2022 , 125-145	
411	An Oxygen-Economical Nano-Photosensitizer with High Photodynamic Therapeutic Outcome via Simultaneously Reducing Cellular Respiration and Oxygen Depletion of PDT.	0

- 410 Molecular-engineered highly photosensitive triarylphosphine oxide compounds for apoptosis imaging and selectively inducing apoptosis of tumor cells by photodynamic therapy.
- 409 Fe/Mn-Porphyrin Coordination Polymer Nanoparticles for Magnetic Resonance Imaging (MRI) Guided-Combination Therapy between Photodynamic Therapy and Chemodynamic Therapy. **2022**, 7, 1
- 408 Novel active stealth micelles based on P2M achieved effective antitumor therapy. **2022**, 151, 113175 1
- 407 Vitamin D enhances the sensitivity of breast cancer cells to the combination therapy of photodynamic therapy and paclitaxel. **2022**, 77, 101815
- 406 Optical Characterization of Biological Tissues in Visible and Near-Infrared Spectra. **2022**,
- 405 In vitro 5-Fluorouracil resistance produces enhanced photodynamic therapy damage in SCC and tumor resistance in BCC. **2022**, 112483
- 404 Cherenkov Luminescence in Tumor Diagnosis and Treatment: A Review. **2022**, 9, 390 2
- 403 Triarylboron-Based High Photosensitive Probes for Apoptosis Detection, Tumor-Targeted Imaging, and Selectively Inducing Apoptosis of Tumor Cells by Photodynamics. 3
- 402 pH-responsive phototherapeutic poly(acrylic acid)-calcium phosphate passivated TiO₂ nanoparticle-based drug delivery system for cancer treatment applications. **2022**, 2
- 401 Critical PDT Theory II: Current Concepts and Indications. **2022**, 102923 0
- 400 Comparative randomized trial study about the efficacy of photobiomodulation and curcumin antimicrobial photodynamic therapy as a coadjuvant treatment of oral mucositis in oncologic patients: antimicrobial, analgesic, and degree alteration effect. 1
- 399 Applications of Photodynamic Therapy in Endometrial Diseases. **2022**, 9, 226 0
- 398 Blood volume and structural imaging as an early indicator for photodynamic response. **2022**, 102143 0
- 397 Size Optimization of Organic Nanoparticles with Aggregation-Induced Emission Characteristics for Improved ROS Generation and Photodynamic Cancer Cell Ablation. 2202242 1
- 396 PPAR γ C1A affects inflammatory responses in photodynamic therapy (PDT)-treated inflammatory bowel disease (IBD). **2022**, 115119
- 395 Nanoscale metal-organic frameworks as smart nanocarriers for cancer therapy.
- 394 Photodynamic Therapy : An Overview and Insights into a Prospective Mainstream Anticancer Therapy. 821-848
- 393 Interaction effects between macromolecules and photosensitizer on the ability of ALPc and InPc-loaded PHB magnetic nanoparticles in photooxidizing simple biomolecules. **2022**, 212, 579-593

392	A Phase 1b Clinical Study of Intravesical Photodynamic Therapy in Patients with Bacillus Calmette-Guérin-Resistant Nonmuscle-invasive Bladder Cancer. 2022 , 41, 105-111	3
391	Photodynamic Therapy and Photochemical Internalization. 2021 , 7-22	
390	Enhanced Mitochondria Destruction on MCF-7 and HeLa Cell Lines In Vitro Using Triphenyl-Phosphonium-Labelled Phthalocyanines in Ultrasound-Assisted Photodynamic Therapy Activity.	
389	Redox-responsive nano-micelles containing trisulfide bonds to enhance photodynamic efficacy of zinc naphthalocyanine. 2022 , 139785	0
388	Microneedles loaded with glutathione-scavenging composites for nitric oxide enhanced photodynamic therapy of melanoma.	1
387	Photocatalytic Superoxide Radical Generator that Induces Pyroptosis in Cancer Cells.	12
386	Bibliometric Analysis of Global Research on Cancer Photodynamic Therapy: Focus on Nano-Related Research. 13,	0
385	Asymmetrical zinc(II) phthalocyanines conjugated to metal tungstate nanoparticles for photoinactivation of Staphylococcus aureus. 1-15	0
384	Increasing the efficiency of hyperthermic intraperitoneal chemotherapy (HIPEC) by a combination with a photosensitive drug in pediatric rhabdomyosarcoma.	
383	Synthesis of a versatile mitochondria-targeting small molecule for cancer near-infrared fluorescent imaging and radio/photodynamic/photothermal synergistic therapies. 2022 , 100316	0
382	Two-Photon Photodynamic Therapy Targeting Cancers with Low Carboxylesterase 2 Activity Guided by Ratiometric Fluorescence.	2
381	Aptamers in Theranostic Bionanomaterials. 2022 , 130-158	
380	(Nano)platforms in bladder cancer therapy: Challenges and opportunities.	1
379	Structural alterations in cell organelles induced by photodynamic treatment with chlorin p 6 -histamine conjugate in human oral carcinoma cells probed by 3D fluorescence microscopy.	2
378	Engineering Metal-Organic Framework Hybrid AIEgens with Tumor-Activated Accumulation and Emission for the Image-Guided GSH Depletion ROS Therapy.	0
377	Depletion of Mannose Receptor-Positive Tumor-Associated Macrophages via a Peptide-Targeted Star-Shaped Polyglutamate Inhibits Breast Cancer Progression in Mice.	0
376	Dual Molecular Design toward a Lysosome-Tagged AIEgen and Heavy-Atom-Free Photosensitizers for Hypoxic Cancer Photodynamic Therapy. 2022 , 12, 420	1
375	Dihydropyrrolo[3,2-b]pyrrole-3,6-dicarbaldehyde-Based Two-Photon-Responsive Nanoparticles for Effective Photodynamic Therapy.	1

- 374 Versatile Synthesis of Multivalent PorphyrinPeptide Conjugates by Direct Porphyrin Construction on Resin.
- 373 Nanocrystalline Yttria-Stabilized Zirconia Ceramics for Cranial Window Applications. **2022**, 5, 2664-2675
- 372 Tissue Engineering and Photodynamic Therapy: A New Frontier of Science for Clinical Application -An Up-To-Date Review. 10, 2
- 371 The combinational application of photodynamic therapy and nanotechnology in skin cancer treatment: A review. **2022**, 77, 101856 2
- 370 Reactive oxygen nano-generators for cancer therapy. **2022**, 130, 100974 5
- 369 Boosting photodynamic therapy of near-infrared AIE-active photosensitizers by precise manipulation of molecular structure and aggregate-state packing. 0
- 368 Nanotechnology and Nanomedicine. **2022**, 325-361 1
- 367 Water-soluble porphyrin photosensitizers containing electron-withdrawing and electron-donating groups for photodynamic therapy. **2022**, 26, 384-391
- 366 Delivery of an ectonucleotidase inhibitor with ROS-responsive nanoparticles overcomes adenosine-mediated cancer immunosuppression. **2022**, 14, 2
- 365 First-in-Human Computer Optimized EBUS Guided Interstitial PDT for Patients with Extra/Endobronchial Obstructing Malignancies. **2022**, 100372
- 364 Regularities of complexation of indotricarbocyanine dyes with human blood serum proteins. **2022**, 4-11 0
- 363 Carbon Nanotubes in Tumor-Targeted Chemotherapeutic Formulations: A Review of Opportunities and Challenges. 0
- 362 Potential Application of Photosensitizers With High-Z Elements for Synergic Cancer Therapy. 13, 0
- 361 Preparation and characterization of curcumin and pomegranate peel extract chitosan/gelatin-based Films and their photoinactivation of bacteria. **2022**, 31, 103791 0
- 360 Phytochemicals for the Prevention and Treatment of Renal Cell Carcinoma: Preclinical and Clinical Evidence and Molecular Mechanisms. **2022**, 14, 3278 0
- 359 Evaluation of 5-aminolevulinic acid-mediated photodynamic therapy in postmenopausal women with persistent HPV infection with or without cervical and vaginal low-grade squamous intraepithelial lesions (CIN1/VaIN1). **2022**, 103009 0
- 358 Identification and pharmacological modification of resistance mechanisms to protoporphyrin-mediated photodynamic therapy in human cutaneous squamous cell carcinoma cell lines. **2022**, 103004 0
- 357 Integrating Au and ZnO nanoparticles onto graphene nanosheet for enhanced sonodynamic therapy. 2

- 356 A DFT Study towards the Amide cis-trans Isomerization Process of the Myc-Max Inhibitor Mycro 3 and Its Photophysical Properties; Synthesis and NMR Studies of the trans-Conformation. **2022**, 7,
- 355 Co-delivery of Cisplatin and Chlorin e6 by Poly(phosphotyrosine) for Synergistic Chemotherapy and Photodynamic Therapy. 0
- 354 Multi-target tyrosine kinase inhibitor nanoparticle delivery systems for cancer therapy. **2022**, 100358 2
- 353 Multifunctional Fiber-Enabled Intelligent Health Agents. 2200985 2
- 352 How Microalgae is Effective in Oxygen Deficiency Aggravated Diseases? A Comprehensive Review of Literature. Volume 17, 3101-3122 1
- 351 Consequences of isosteric replacement of benzene for pyrazine in phthalocyanines.
- 350 Versatile Synthesis of Multivalent PorphyrinPeptide Conjugates by Direct Porphyrin Construction on Resin.
- 349 Zinc Phthalocyanine Tetrasulfonate-Loaded Ag@mSiO₂ Nanoparticles for Active Targeted Photodynamic Therapy of Colorectal Cancer. 4, 2
- 348 Aggregation enhanced photoactivity of photosensitizer conjugated metal nanoparticles for multimodal imaging and synergistic phototherapy below skin tolerance threshold. **2022**, 45, 101534 1
- 347 Melanosomal targeting via caveolin-1 dependent endocytosis mediates ZN(II) phthalocyanine phototoxic action in melanoma cells. **2022**, 234, 112505 0
- 346 Tumor cell-specific retention of photosensitizers determines the outcome of photodynamic therapy for head and neck cancer. **2022**, 234, 112513 0
- 345 Combination of light and Ru(II) polypyridyl complexes: Recent advances in the development of new anticancer drugs. **2022**, 469, 214656 8
- 344 Nanoscale Hf-hematoporphyrin frameworks for synergetic sonodynamic/radiation therapy of deep-seated tumors. **2022**, 626, 803-814 1
- 343 Zinc(II) Sulfanyltribenzoporphyrazines with Bulky Peripheral SubstituentsSynthesis, Photophysical Characterization, and Potential Photocytotoxicity. **2022**, 12, 6825 1
- 342 Antibacterial Photodynamic Therapy in the Near-Infrared Region with a Targeting Antimicrobial Peptide Connected to a Extended Porphyrin. 1
- 341 Chalcogen Effects in the Photophysical Properties of Dimethylamino-1,8-naphthalimide Dyes Revealed by DFT Investigation. 1
- 340 Study of acute toxicity of monocationic chlorin e6 derivative, a perspective photosensitizer for antimicrobial and antitumor photodynamic therapy. **2022**, 11, 23-32 1
- 339 A molecular dyad delivered by biodegradable polymeric nanoparticles for combined PDT and NO-PDT in cancer cells. **2022**, 128, 106050 0

- 338 D-Mannose-appended 5,15-diazaporphyrin for photodynamic therapy. 1
- 337 Comparative Analysis of New Cyanoarylporphyrazine and its Iron Complex as Photosensitizers for Anticancer Photodynamic Therapy.
- 336 Recent advances in redox-responsive nanoparticles for combined cancer therapy. **2022**, 4, 3504-3516 1
- 335 Nanoparticles-Based Strategies to Improve the Delivery of Therapeutic Small Interfering RNA in Precision Oncology. **2022**, 14, 1586 1
- 334 Cancer cell survival model after photodynamic therapy. **2022**, 11, 4-11
- 333 Fundamentals and applications of metal nanoparticle- enhanced singlet oxygen generation for improved cancer photodynamic therapy. 10, 0
- 332 Photodynamic therapy of cervical intraepithelial neoplasia and cervical cancer. **2022**, 26, 9-13
- 331 Robust Boron Nanoplatform Provokes Potent Tumoricidal Activities via Inhibiting Heat Shock Protein. **2022**,
- 330 Increased PDT Efficacy When Associated with Nitroglycerin: A Study on Retinoblastoma Xenografted on Mice. **2022**, 15, 985
- 329 Recent Strategies to Address Hypoxic Tumor Environments in Photodynamic Therapy. **2022**, 14, 1763 0
- 328 5-ALA Is a Potent Lactate Dehydrogenase Inhibitor but Not a Substrate: Implications for Cell Glycolysis and New Avenues in 5-ALA-Mediated Anticancer Action. **2022**, 14, 4003 1
- 327 Evaluation Of Detector Position and Light Fluence Distribution Using an Infrared Navigation System during Pleural Photodynamic Therapy. 0
- 326 Low-Dose Near-Infrared Light-Activated Mitochondria-Targeting Photosensitizers for PDT Cancer Therapy. **2022**, 23, 9525 1
- 325 The sound of drug delivery: optoacoustic imaging in pharmacology. **2022**, 114506 1
- 324 Multiple feedback based wavefront shaping method to retrieve hidden signal. **2022**, 121, 063701
- 323 A novel BODIPY-based nano-photosensitizer with aggregation-induced emission for cancer photodynamic therapy. 0
- 322 Semiconductor quantum dots for photodynamic therapy: Recent advances. 10, 2
- 321 Sandpaper curettage: A simple method to improve PDT outcomes for actinic keratosis. **2022**, 103050 0

320	Recent advances in the development of biocompatible nanocarriers and their cancer cell targeting efficiency in photodynamic therapy. 2022 , 10,	0
319	Design Principles of Hybrid Nanomaterials for Radiotherapy Enhanced by Photodynamic Therapy. 2022 , 23, 8736	0
318	Photoredox catalysis may be a general mechanism in photodynamic therapy. 2022 , 119,	4
317	Near-infrared light and redox dual-activatable nanosystems for synergistically cascaded cancer phototherapy with reduced skin photosensitization. 2022 , 121700	0
316	Unraveling the Pivotal Role of Atropisomerism for Cellular Internalization. 2022 , 144, 15252-15265	0
315	Power and energy scaling of an acousto-optically Q-switched Raman deep-red laser.	1
314	Nanomedicine and versatile therapies for cancer treatment. 2022 , 3,	2
313	Photobiomodulation therapy for osteoarthritis: Mechanisms of action. 2022 , 10, 29-42	
312	Upconversion Nanostructures Applied in Theranostic Systems. 2022 , 23, 9003	2
311	Covalent Organic Framework Nanocarriers of Singlet Oxygen for Oxygen-Independent Concurrent Photothermal/Photodynamic Therapy to Ablate Hypoxic Tumors. 2202369	0
310	Static DNA Nanostructures and Their Applications. 2022 , 245-267	
309	Secure transplantation by tissue purging using photodynamic therapy to eradicate malignant cells. 2022 , 234, 112546	1
308	Spectroelectrochemical and ESR investigation of free radicals derived from indotricarbocyanine dyes for photodynamic therapy. 2022 , 205, 110599	0
307	Inhibition of hypoxia-inducible factor 1 by acriflavine renders glioblastoma sensitive for photodynamic therapy. 2022 , 234, 112537	
306	Novel pyropheophorbide a dimers: Synthesis and photobiological evaluation as potent photosensitizers for photodynamic therapy. 2022 , 1269, 133840	
305	Optical characterizations of synthetic nano PcGaCl thin film. In vitro, hemocompatibility, cytotoxicity, and PDT valuation. 2022 , 17, 861-869	0
304	Targeted co-delivery of a photosensitizer and an antisense oligonucleotide based on an activatable hyaluronic acid nanosystem with endogenous oxygen generation for enhanced photodynamic therapy of hypoxic tumors. 2022 ,	1
303	Precision Killing of Sinoporphyrin Sodium-Mediated Photodynamic Therapy against Malignant Tumor Cells. 2022 , 23, 10561	0

- 302 Enhanced mitochondria destruction on MCF-7 and HeLa cell lines in vitro using triphenyl-phosphonium-labelled phthalocyanines in ultrasound-assisted photodynamic therapy activity. **2022**, 235, 112553 0
- 301 Au/TiO₂ nanocomposite as a triple-sensitizer for 808 and 650 nm phototherapy and sonotherapy: Synergistic therapy of melanoma cancer in vitro. **2022**, 76, 103787 0
- 300 pH-activated nanoplatform for visualized photodynamic and ferroptosis synergistic therapy of tumors. **2022**, 350, 525-537 0
- 299 Lights, squaraines, action! The role of squaraine dyes in photodynamic therapy. **2022**, 14, 1375-1402 0
- 298 Role of nitric oxide in hyper-aggressiveness of tumor cells that survive various anti-cancer therapies. **2022**, 179, 103805 1
- 297 All-trans retinoic acid enhances the anti-tumour effects of fimaporfin-based photodynamic therapy. **2022**, 155, 113678 0
- 296 Synthesis, single crystal, electrochemical and study of fluorogenic dibenzodiazacrown-appended with bis(ZnTPP) azo-tweezer and spectroscopic elucidation of photo-induced macrocycle-deformation-based chromotropism. **2022**, 227, 116143 0
- 295 A monoamine oxidase-A inhibitor phthalocyanine conjugate for targeted photodynamic therapy and inhibition of prostate cancer metastasis in vitro. **2022**, 207, 110717 0
- 294 Nanoemulsion applications in photodynamic therapy. **2022**, 351, 164-173 2
- 293 Melanoma-targeted photodynamic therapy based on hypericin-loaded multifunctional P123-spermine/folate micelles. **2022**, 40, 103103 0
- 292 Investigation of ROS generating capacity of curcumin-loaded liposomes and its in vitro cytotoxicity on MCF-7 cell lines using photodynamic therapy. **2022**, 40, 103091 0
- 291 Diagnostic and therapeutic potential of protease inhibition. **2022**, 88, 101144 0
- 290 Bridging the gap: Unveiling novel functions of a bacterial haem-acquisition protein capturing diverse synthetic porphyrinoids. **2022**, 472, 214793 0
- 289 Covalent organic framework nanomedicines: Biocompatibility for advanced nanocarriers and cancer theranostics applications. **2023**, 21, 358-380 3
- 288 Synthesis, Single Crystal, Electrochemical of Fluorogenic Dibenzodiazacrown-Appended with Bis(ZnTPP) Azo-Tweezer and Spectroscopic Elucidation of Photo-Induced Macrocycle-Deformation-Based Chromotropism. 0
- 287 Dual-responsive and NIR-driven free radical nanoamplifier with glutathione depletion for enhanced tumor-specific photothermal/thermodynamic/chemodynamic synergistic Therapy. 1
- 286 Regulation of ROS in Skin Stem Cells for Cancer Therapeutics. **2022**, 2427-2450 0
- 285 Light-Based Treatment Modalities and Anticancer Immunity. **2022**, 1-27 0

- 284 8-Hydroxyquinoline-modified ruthenium(ii) polypyridyl complexes for JMJD inhibition and photodynamic antitumor therapy. **2022**, 51, 13902-13909 1
- 283 Nano-assemblies from J-aggregated dyes to improve the selectivity of a H₂S-activatable photosensitizer. **2022**, 58, 10060-10063 0
- 282 Recent Developments in ROS-Based Nanotherapeutic Modalities in Preclinical Cancer Treatment. **2022**, 3059-3076 0
- 281 Clinical Approaches in Targeting ROS-Induced Cancer. **2022**, 2599-2614 0
- 280 Advances in nanobiotechnology-propelled multidrug resistance circumvention of cancer. **2022**, 14, 12984-12998
- 279 Evaluation of the effects of newly synthesized metallophthalocyanines on breast cancer cell lines with photodynamic therapy. 0
- 278 Melanoma-Targeted Photodynamic Therapy Based on Hypericin-Loaded Multifunctional P123-Spermine/Folate Micelles. 0
- 277 Photodynamic Oxidative Stress Targets Cancer as Well as Cancer Stem Cells. **2022**, 2315-2333 0
- 276 Recent advances on organelle specific Ru(II)/Ir(III)/Re(I) based complexes for photodynamic therapy. **2023**, 474, 214860 0
- 275 Photosensitizer to the rescue: in planta and field application of photodynamic inactivation against plant pathogenic bacteria. 0
- 274 The safety and efficiency of Photodynamic therapy for the treatment of osteosarcoma: a systematic review of in vitro experiment and animal model reports. **2022**, 103093 0
- 273 A primer on heme biosynthesis. **2022**, 3
- 272 Integrins in Ovarian Cancer: Survival Pathways, Malignant Ascites and Targeted Photochemistry. 0
- 271 Photodynamic therapy of lung cancer, where are we?. 13, 1
- 270 DRAXIN as a Novel Diagnostic Marker to Predict the Poor Prognosis of Glioma Patients. 0
- 269 The Photosensitizer Temoporfin (m THPC) [Chemical, Pre-clinical and Clinical Developments in the Last Decade. 1
- 268 Conjugated-Polymer-Based Photodynamic Therapy. 2200165 0
- 267 Photodynamic Inactivation of Microorganisms Using Semisynthetic Chlorophyll a Derivatives as Photosensitizers. **2022**, 27, 5769 1

266	Photodynamic Antimicrobial Therapy Based on Conjugated Polymers. 2022 , 14, 3657	0
265	BODIPYs in PDT: A Journey through the Most Interesting Molecules Produced in the Last 10 Years. 2022 , 23, 10198	0
264	Photodynamic Priming Overcomes Per- and Polyfluoroalkyl Substance (PFAS)-Induced Platinum Resistance in Ovarian Cancer.	0
263	Esophago-aortic fistula of esophageal cancer after chemotherapy, proton therapy and salvage photodynamic therapy: a rescued case.	0
262	Molybdenum-Iodine Cluster Loaded Polymeric Nanoparticles Allowing a Coupled Therapeutic Action with Low Side Toxicity for Treatment of Ovarian Cancer. 2022 ,	1
261	The Potential of Antibody Technology and Silver Nanoparticles for Enhancing Photodynamic Therapy for Melanoma. 2022 , 10, 2158	0
260	Mitochondria-Driven Dye Rearrangement That Enables Spatiotemporally Controlled Photomedicine. 2201611	0
259	Potential of Dual Drug Delivery Systems: MOF as Hybrid Nanocarrier for Dual Drug Delivery in Cancer Treatment. 2022 , 7,	2
258	Combination of 5-Fluorouracil with Photodynamic Therapy: Enhancement of Innate and Adaptive Immune Responses in a Murine Model of Actinic Keratosis □	0
257	A selenium-substituted heptamethine cyanine photosensitizer for near-infrared photodynamic therapy.	0
256	Immunogenic Cell Death Role in Urothelial Cancer Therapy. 2022 , 29, 6700-6713	0
255	Photochemical Targeting of Mitochondria to Overcome Chemoresistance in Ovarian Cancer.	0
254	Overview of Nanoparticle-Based Approaches for the Combination of Photodynamic Therapy (PDT) and Chemotherapy at the Preclinical Stage. 2022 , 14, 4462	1
253	Bone Implants (Bone Regeneration and Bone Cancer Treatments). 2022 , 265-321	0
252	Manganese-based tumor immunotherapy. 2205409	1
251	Low Intensity Focused Ultrasound Ignited Deep-Penetration Nanobomb (DPNB) for Tetramodal Imaging Guided Hypoxia-Tolerant Sonodynamic Therapy Against Hypoxic Tumors. Volume 17, 4547-4565	0
250	Vitamin D and Vitamin D3 Supplementation during Photodynamic Therapy: A Review. 2022 , 14, 3805	0
249	A Microneedle Patch with Self-Oxygenation and Glutathione Depletion for Repeatable Photodynamic Therapy.	1

248	Reactive oxygen specie-induced photodynamic therapy activation by supramolecular strategy. 2022 , 107805	0
247	Merocyanine Complexes Coupled with Plasmonic Au Nanoparticles for Inhibiting Tau Aggregation.	0
246	Computational Analysis of the Behavior of BODIPY Decorated Monofunctional Platinum(II) Complexes in the Dark and under Light Irradiation.	0
245	Inside-the-body light delivery system using endovascular therapy-based light illumination technology. 2022 , 104289	2
244	Bibliometric analysis of research on immunogenic cell death in cancer. 13,	0
243	Accelerating skin regeneration and wound healing by controlled ROS from photodynamic treatment. 2022 , 42,	2
242	Photodynamic therapy in breast cancer treatment.	0
241	Platelet membrane camouflaged AIEgen -mediated photodynamic therapy improves the effectiveness of anti-PD-L1 immunotherapy in large-burden tumors.	1
240	New approach to the treatment of cancer of large duodenal papilla and extrahepatic bile ducts with photodynamic therapy. 2022 , 78-85	0
239	Photoactivation of tDodSNO induces localized vasodilation in rats: Metabolically stable S-nitrosothiols can act as targeted nitric oxide donors in vivo. 2022 ,	0
238	Soft nano and microstructures for the photomodulation of cellular signaling and behavior. 2022 , 190, 114554	0
237	Folic acid modified UiO-66 nano drug carrier for combination therapy.	0
236	An oxygen reservoir-irrigated photoimmunotherapy of malignant melanoma.	0
235	Utilization of Light-Emitting Diodes (LEDs) for Skin therapy: Systematic Review and Meta-analysis.	1
234	All-in-One Theranostic Platforms: Deep-Red AIE Nanocrystals to Target Dual-Organelles for Efficient Photodynamic Therapy.	1
233	Metal Coordination Effects on the Photophysics of Dipyrrinato Photosensitizers. 2022 , 27, 6967	0
232	Three Birds with One Stone: Acceptor Engineering of Hemicyanine Dye with NIR-II Emission for Synergistic Photodynamic and Photothermal Anticancer Therapy. 2204851	1
231	Synthetic biology-instructed transdermal microneedle patch for traceable photodynamic therapy. 2022 , 13,	3

230	Application of photo-responsive metal-organic framework in cancer therapy and bioimaging. 10,	2
229	Progress of phototherapy for osteosarcoma and application prospect of blue light photobiomodulation therapy. 12,	2
228	Novel Implications of Nanoparticle-Enhanced Radiotherapy and Brachytherapy: Z-Effect and Tumor Hypoxia. 2022 , 12, 943	1
227	Photodynamic therapy in colorectal cancer using photosensitizers functionalized by arene-ruthenium complexes.	0
226	Radiovaccination Strategy for Cancer Treatment Integrating Photodynamic Therapy-Generated Vaccines with Radiotherapy. 2022 , 23, 12263	0
225	Post-Remedial Oxygen Supply: A New Perspective on Photodynamic Therapy to Suppress Tumor Metastasis. 2022 , 22, 8250-8257	0
224	Supramolecular photodynamic agents for simultaneous oxidation of NADH and generation of superoxide radical. 2022 , 13,	3
223	Photosensitizers incorporation in SOPC films at different hydration levels. 2022 , 184077	0
222	Conquering Cancer Multi-Drug Resistance Using Curcumin and Cisplatin Prodrug-Encapsulated Mesoporous Silica Nanoparticles for Synergistic Chemo- and Photodynamic Therapies. 2022 , 12, 3693	1
221	Covalent Organic Frameworks as Nanocarriers for Improved Delivery of Chemotherapeutic Agents. 2022 , 15, 7215	0
220	NIR-II light-activated two-photon squaric acid dye with Type I photodynamics for antitumor therapy. 2022 ,	0
219	Medical Device Advances in the Treatment of Glioblastoma. 2022 , 14, 5341	1
218	High-power continuous-wave single-frequency diamond Raman laser at 1178 nm. 2022 , 121, 141104	2
217	Modulation of reactive oxygen species in cancers: recent advances. 1-24	0
216	Therapy-resistant nature of cancer stem cells in view of iron metabolism. 2022 , 42,	0
215	Dual tumor- and subcellular-targeted photodynamic therapy using glucose-functionalized MoS ₂ nanoflakes for multidrug-resistant tumor ablation. 2022 , 290, 121844	1
214	Design and development of a mitochondrial-targeted photosensitizer for two-photon fluorescence imaging and photodynamic therapy. 2022 ,	0
213	From Low to No O ₂ -Dependent Hypoxia Photodynamic Therapy (hPDT): A New Perspective.	6

212	Potent Virucidal Activity In Vitro of Photodynamic Therapy with Hypericum Extract as Photosensitizer and White Light against Human Coronavirus HCoV-229E. 2022 , 14, 2364	0
211	Synergistic chemotherapy and phototherapy based on red blood cell biomimetic nanomaterials. 2022 , 352, 146-162	1
210	Cancer therapy by antibody-targeted Cerenkov light and metabolism-selective photosensitization. 2022 , 352, 25-34	0
209	Non-UV-activated persistent luminescence phosphors for sustained bioimaging and phototherapy. 2023 , 475, 214913	0
208	Free radical as a double-edged sword in disease: Deriving strategic opportunities for nanotherapeutics. 2023 , 475, 214875	2
207	Improved singlet oxygen generation of axially ruthenium(II) complex substituted silicon(IV) phthalocyanine by sono-photochemical studies. 2023 , 1274, 134332	1
206	Novel silicon phthalocyanines with improved singlet oxygen generation by Sono-photochemical applications. 2023 , 436, 114365	0
205	Influence of silver ion release on the inactivation of antibiotic resistant bacteria using light-activated silver nanoparticles.	1
204	Controlled release of nitric oxide for enhanced tumor drug delivery and reduction of thrombosis risk. 2022 , 12, 32355-32364	0
203	Natural resources for sustainable synthesis of nanomaterials with anticancer applications: A move toward green nanomedicine. 2023 , 216, 114803	0
202	Advancements in photodynamic therapy of esophageal cancer. 12,	2
201	Water-Soluble Truncated Fatty Acid Porphyrin Conjugates Provide Photo-Sensitizer Activity for Photodynamic Therapy in Malignant Mesothelioma. 2022 , 14, 5446	0
200	Photodynamic therapy improves the clinical efficacy of advanced colorectal tumors and recruits immune cells into the tumor immune microenvironment. 13,	0
199	Phosphorescent Metal Halide Nanoclusters for Tunable Photodynamic Therapy.	2
198	Photodynamic Therapy Changes Tumour Immunogenicity and Promotes Immune-Checkpoint Blockade Response, Especially When Combined with Enhanced Tumour Infiltration by Micromechanical Priming.	0
197	Current Status and Prospects of Targeted Therapy for Osteosarcoma. 2022 , 11, 3507	1
196	Sodium Alginate-Doping Cationic Nanoparticle As Dual Gene Delivery System for Genetically Bimodal Therapy.	0
195	Application of carbon-based quantum dots in photodynamic therapy. 2022 ,	1

- 194 Nanotheranostic Strategies for Cancer Immunotherapy. 2200718 ○
- 193 Aggregation-Induced Emission Luminogens for Enhanced Photodynamic Therapy: From Organelle Targeting to Tumor Targeting. **2022**, 12, 1027 ○
- 192 Target Prediction of 5,10,15,20-Tetrakis(4?-Sulfonatophenyl)-Porphyrin Using Molecular Docking. **2022**, 14, 2390 ○
- 191 An open-source LED array illumination system for automated multiwell plate cell culture photodynamic therapy experiments. **2022**, 12, ○
- 190 Phenethyl Isothiocyanate-Conjugated Chitosan Oligosaccharide Nanophotosensitizers for Photodynamic Treatment of Human Cancer Cells. **2022**, 23, 13802 ○
- 189 Novel quinizarin spray-dried nanoparticles for treating melanoma with photodynamic therapy. **2022**, 33, 104882 ○
- 188 Synthesis of axially Schiff base new substituted silicon phthalocyanines and investigation of photochemical and sono-photochemical properties. **2022**, 40, 103192 ○
- 187 Hybrid ultrasound-activated nanoparticles based on graphene quantum dots for cancer treatment. **2022**, 629, 122373 ○
- 186 Docetaxel prodrug and hematoporphyrin co-assembled nanoparticles for anti-tumor combination of chemotherapy and photodynamic therapy. **2022**, 29, 3358-3369 ○
- 185 BODIPY as Multifunctional Theranostic Reagent in Biomedicine: Self-Assembly, Properties and Applications. 2207546 ○
- 184 Folate receptor-targeted near-infrared photodynamic therapy for folate receptor-overexpressing tumors. 13, 880-895 1
- 183 ALA-PDT regulates macrophage M1 polarization via ERK/MAPK-NLRP3 pathway to promote the early inflammatory response. ○
- 182 Light-triggered polymeric prodrug and nano-assembly for chemo-photodynamic therapy and potentiate immune checkpoint blockade immunotherapy for hepatocellular carcinoma. **2023**, 225, 111457 ○
- 181 Metallic nanoscale-knife application in cancer theranostics. **2023**, 4, 313-336 ○
- 180 Two-photon photodynamic therapy based on FRET using tumor-cell targeted riboflavin conjugated graphene quantum dot. **2023**, 238, 112602 ○
- 179 Acene enlargement for absorption red-shifting and photosensitization enhancement of photosensitizers with aggregation-induced emission. ○
- 178 5-ALA mediated photodynamic therapy with combined treatment improves anti-tumor efficacy of immunotherapy through boosting immunogenic cell death. **2023**, 554, 216032 2
- 177 Nanoparticles-based phototherapy systems for cancer treatment: Current status and clinical potential. **2023**, 23, 471-507 ○

- 176 Photodynamic Therapy Targeting Dormant Cancer Cells with 5-Aminolevulinic Acid. **2022**, ○
- 175 The Combination of the Mini-Punch Technique and Photodynamic Therapy for the Treatment of Mandibular Keloids and Hypertrophic Scars. **2022**, 48, 1294-1298 ○
- 174 Targeted Nanoparticle Carriers Loaded with ICG for Photodynamic Therapy. **2022**, ○
- 173 ??????????????????. **2022**, ○
- 172 Boosting immunogenic cell death via Hollow MnO₂ based multiple stimuli- responsive drug delivery systems for improved cancer immunotherapy. ○
- 171 Silver Halide-Based Nanomaterials in Biomedical Applications and Biosensing Diagnostics. **2022**, 17, ○
- 170 Dying of Stress: Chemotherapy, Radiotherapy, and Small-Molecule Inhibitors in Immunogenic Cell Death and Immunogenic Modulation. **2022**, 11, 3826 ○
- 169 Comparative Analysis of Tetra(2-naphthyl)tetracyano-porphyrine and Its Iron Complex as Photosensitizers for Anticancer Photodynamic Therapy. **2022**, 14, 2655 ○
- 168 Metal-Organic Frameworks as Intelligent Drug Nanocarriers for Cancer Therapy. **2022**, 14, 2641 1
- 167 Bio-nanocomplexes with autonomous O₂ generation efficiently inhibit triple negative breast cancer through enhanced chemo-PDT. **2022**, 20, ○
- 166 Hypoxia Alleviated and One Photo-Triggered Thermal/Dynamic Nanoplatform for Immunogenic Cell Death-Initiated Cancer Immunotherapy. **2022**, 5, 5865-5876 ○
- 165 Oncological Applications of Photodynamic Therapy in Dogs and Cats. **2022**, 12, 12276 ○
- 164 Targeted photodynamic neutralization of SARS-CoV-2 mediated by singlet oxygen. ○
- 163 Nano-constructs targeting the primary cellular energy source of cancer cells for modulating tumor progression. **2022**, 8, 100107 ○
- 162 Photo-Phytotherapeutic Gel Composed of *Copaifera reticulata*, Chlorophylls, and k-Carrageenan: A New Perspective for Topical Healing. **2022**, 14, 2580 ○
- 161 Recent Photosensitizer Developments, Delivery Strategies and Combination-based Approaches for Photodynamic Therapy □ ○
- 160 Enhanced Photodynamic Therapy: A Review of Combined Energy Sources. **2022**, 11, 3995 1
- 159 Modifying aluminum phthalocyanine with quantum dots to promote cellular uptake and enhance the efficacy of anticancer photodynamic therapy. 9, ○

- 158 A novel 450-nm laser-mediated sinoporphyrin sodium-based photodynamic therapy induces autophagic cell death in gastric cancer through regulation of the ROS/PI3K/Akt/mTOR signaling pathway. **2022**, 20, ○
- 157 The Coming of Age of Neodymium: Redefining Its Role in Rare Earth Doped Nanoparticles. ○
- 156 Insights on the Dynamic Innovative Tumor Targeted-Nanoparticles-Based Drug Delivery Systems Activation Techniques. Volume 17, 6131-6155 ○
- 155 Necroptosis activation is associated with greater methylene blue-photodynamic therapy-induced cytotoxicity in human pancreatic ductal adenocarcinoma cells. ○
- 154 Recent Advances in Nanodrug Delivery System for Tumor Combination Treatment Based on Photothermal Therapy. 2200218 1
- 153 Ratiometric Singlet Oxygen Sensor Based on BODIPY-DPA Dyad. **2022**, 27, 9060 ○
- 152 Effect of Photodynamic Therapy with Chlorin e6 on Canine Tumors. **2022**, 12, 2102 ○
- 151 Stereocomplex Crystallized Nanomedical System for Enhanced Type I PDT and Synergistic Chemo-Phototherapy. 225-234 ○
- 150 Nanotherapeutic Intervention in Photodynamic Therapy for Cancer. **2022**, 7, 45882-45909 1
- 149 Investigation of the photoluminescent properties, scintillation behaviour and toxicological profile of various magnesium tungstate nanoscale motifs. **2022**, 9, 1
- 148 Self-Assembly Regulated Singlet Oxygen Generation of Heavy-Atom-Free Organic Chromophores. 180-188 ○
- 147 Redaporfin Development for Photodynamic Therapy and its Combination with Glycolysis Inhibitors. ○
- 146 Topical photodynamic therapy for genital warts: Systematic review and meta-analysis. ○
- 145 Photodynamic Therapy: A Special Emphasis on Nanocarrier-mediated Delivery of Photosensitizers in Antimicrobial Therapy. **2023**, 104583 ○
- 144 Small anticancer drug release by light: Photochemical internalization of porphyrin- β -cyclodextrin nanoparticles. **2023**, 120579 ○
- 143 NaErF4-Based Nanocarrier for Enhanced Ferroptosis Therapy of Cancer. **2023**, 6, 270-282 ○
- 142 An Overview of Potential Natural Photosensitizers in Cancer Photodynamic Therapy. **2023**, 11, 224 1
- 141 Noninvasive, continuous fluorescence monitoring of bilirubin photodegradation. ○

- 140 Oxygen Supplementation Liposomes for Rheumatoid Arthritis Treatment via Synergistic Phototherapy and Repolarization of M1-to-M2 Macrophages. **2023**, 141484 ○
- 139 Crosstalk between G-quadruplex and ROS. **2023**, 14, ○
- 138 Nanozymes for Improving Anticancer Therapy. **2023**, 107-142 ○
- 137 The design of small-molecule prodrugs and activatable phototherapeutics for cancer therapy. 4
- 136 Near-infrared AIE-active phosphorescent iridium(III) complex for mitochondria-targeted photodynamic therapy. ○
- 135 The Combined Effect of Nanobubble-IR783-HPPH-Affibody Complex and Laser on HER2-Positive Breast Cancer. Volume 18, 339-351 ○
- 134 Construction and Application of DNAzyme-based Nanodevices. ○
- 133 Engineering CeO₂/CuO heterostructure anchored on upconversion nanoparticles with boosting ROS generation-primed apoptosis-ferroptosis for cancer dynamic therapy. ○
- 132 Self-assembled Photosensitive Carbon Nanocrystals with Broad-Spectrum antibacterial bioactivity. ○
- 131 Synergistic effects of concurrent photodynamic therapy with indocyanine green and chemotherapy in hepatocellular carcinoma cell lines and mouse models. **2023**, 239, 112642 ○
- 130 All-in-one device for mapping the interactive effects of photodynamic therapy dosimetry in tumor gaseous microenvironment. **2023**, 239, 112645 ○
- 129 Chlorin e6-induced photodynamic effect facilitates immunogenic cell death of lung cancer as a result of oxidative endoplasmic reticulum stress and DNA damage. **2023**, 115, 109661 ○
- 128 Antimicrobial photodynamic therapy and the advances impacted by the association with nanoparticles. **2023**, 80, 104147 ○
- 127 A tricarbonyl rhenium(I) complex decorated with boron dipyrromethene for endoplasmic reticulum-targeted photodynamic therapy. **2023**, 211, 111077 1
- 126 Nanomedicines for hepatocellular carcinoma therapy: Challenges and clinical applications. **2023**, 34, 105242 ○
- 125 On the need for standardized reporting of photophysical parameters of in vitro photodynamic therapy studies. **2023**, 41, 103263 ○
- 124 Anti-tumor immunity enhancement by photodynamic therapy with talaporfin sodium and anti-programmed death 1 antibody. **2023**, 28, 118-131 1
- 123 A Supramolecular Nanoassembly of Lenvatinib and a Green Light-Activatable NO Releaser for Combined Chemo-Phototherapy. **2023**, 15, 96 ○

- 122 The Light Knife For Gastric Cancer: Photodynamic Therapy. **2023**, 15, 101 ○
- 121 Characterization of a Novel Amphiphilic Cationic Chlorin Photosensitizer for Photodynamic Applications. **2023**, 24, 345 2
- 120 Multifunctional Photoactive Nanomaterials for Photodynamic Therapy against Tumor: Recent Advancements and Perspectives. **2023**, 15, 109 ○
- 119 Monocationic Chlorin as a Promising Photosensitizer for Antitumor and Antimicrobial Photodynamic Therapy. **2023**, 15, 61 2
- 118 Conjugated Polymer Nanoparticles: Photothermal and Photodynamic Capabilities According to Molecular Ordering in Their Assembly Structures. **2023**, 56, 311-322 ○
- 117 Comprehensive Review on Synthesis, Applications, and Challenges of Graphene Quantum Dots (GQDs). **2023**, 2023, 1-26 ○
- 116 Toward photodynamic cancer chemotherapy with C60-Doxorubicin nanocomplexes. **2023**, 489-522 ○
- 115 Development of Smart Drug delivery systems for chemo/PDT synergistic treatment. ○
- 114 Ferroptosis: challenges and opportunities for nanomaterials in cancer therapy. ○
- 113 Recent Progress of Gold-Based Nanostructures towards Future Emblem of Photo-Triggered Cancer Theranostics: A Special Focus on Combinatorial Phototherapies. **2023**, 15, 433 ○
- 112 Porphyrin Macrocycles: General Properties and Theranostic Potential. **2023**, 28, 1149 ○
- 111 Modulating Glycolysis to Improve Cancer Therapy. **2023**, 24, 2606 ○
- 110 Supercritical CO₂ Synthesis of Porous Metalloporphyrin Frameworks: Application in Photodynamic Therapy. ○
- 109 Nanocarriers Based on NaTmF₄:0.5%Er³⁺@NaLuF₄ Upconversion Nanoparticles with Enhanced Near-Infrared Luminescence for Combination Tumor Treatment. **2023**, 6, 2171-2183 ○
- 108 Sensitizers in photodynamic therapy. **2023**, 81-103 ○
- 107 Chlorin e6: A Promising Photosensitizer in Photo-Based Cancer Nanomedicine. ○
- 106 Critical PDT Theory VI : Detection of Reactive Oxygen Species: Trials and Errors. ○
- 105 Low-density lipoprotein: a versatile nanoscale platform for targeted delivery. ○

- 104 Advances in Liposome-Encapsulated Phthalocyanines for Photodynamic Therapy. **2023**, 13, 305 1
- 103 Precise manipulation of circadian clock using MnO₂ nanocapsules to amplify photodynamic therapy for osteosarcoma. **2023**, 100547 0
- 102 Development of a new minimally invasive phototherapy for lung cancer using antibody-Boxin conjugate. 0
- 101 Comparing Singlet Oxygen Generation of Schiff Base Substituted Novel Silicon Phthalocyanines by Sono-photochemical and Photochemical Applications. 0
- 100 Mechanisms of photodynamic therapy for cancer treatment. **2023**, 55-79 0
- 99 Lipid-based nanoparticles in photodynamic therapy. **2023**, 203-226 0
- 98 Solid lipid nanoparticles in photodynamic therapy. **2023**, 227-260 0
- 97 Spirocyclic rhodamine B benzoisothiazole derivative: a multi-stimuli fluorescent switch manifesting ethanol-responsiveness, photo responsiveness, and acidochromism. **2023**, 13, 5134-5148 0
- 96 Green synthesis by celery seed extract and improvement of the anticancer activity of quercetin-loaded rGO/Ca_{1-x}MnxFe₂O₄ nanocarriers using UV light in breast cancer cells. **2023**, 1281, 135059 0
- 95 Axisymmetric bis-tridentate Ir(III) photoredox catalysts for anticancer phototherapy under hypoxia. **2023**, 59, 3083-3086 0
- 94 Imidazole-barbazole conjugate for two-photon-excited photodynamic therapy and fluorescence bioimaging. **2023**, 59, 4503-4506 0
- 93 Photodynamische Therapie | Aktuelle Trends. **2023**, 22, 55-62 0
- 92 Study on the effect of 5-aminolevulinic acid-mediated photodynamic therapy combined with cisplatin on human ovarian cancer OVCAR-3 cells. **2023**, 68, 147-156 0
- 91 Therapeutic Efficacy of Malachite Green-Based Photodynamic Therapy in Acute Myeloid Leukemia. **2023**, 13, 305-311 0
- 90 The fabrication strategies of near-infrared absorbing transition metal complexes. **2023**, 483, 215096 0
- 89 A chlorin e₆ derivative-mediated photodynamic therapy inhibits cutaneous squamous cell carcinoma cell proliferation via Akt/mTOR signaling pathway. **2023**, 42, 103332 0
- 88 A novel heavy-atom-free lysosome-targeted BODIPY as triplet photosensitizer based on SOCT-ISC mechanism for photodynamic therapy. **2023**, 214, 111214 0
- 87 Revisiting the evidence of photodynamic therapy for oral potentially malignant disorders and oral squamous cell carcinoma: An overview of systematic reviews. **2023**, 42, 103531 0

86	Photodynamic therapy enhances the cytotoxicity of temozolomide against glioblastoma via reprogramming anaerobic glycolysis. 2023 , 42, 103342	1
85	Up-regulation of ABCG2 by MYBL2 deletion drives Chlorin e6-mediated photodynamic therapy resistance in colorectal cancer. 2023 , 42, 103558	0
84	Nanoarchitectonics of nitric oxide releasing supramolecular structures for enhanced antibacterial efficacy under visible light irradiation. 2023 , 640, 144-161	0
83	A self-monitoring microneedle patch for light-controlled synergistic treatment of melanoma. 2023 , 27, 58-71	0
82	Iron-oxide embedded lipid nanoparticles against ductal infiltration carcinoma as photodynamic therapy using red diode laser irradiation technique: Apoptosis , ferroptosis , EAC model.	0
81	Current Challenges and Opportunities of Photodynamic Therapy against Cancer. 2023 , 15, 330	0
80	Phototoxicity of temoporfin-loaded cyclodextrin nanosponges in stroma-rich three-dimensional models of head and neck cancer. 2023 , 184, 1-6	0
79	Bioelectronic devices for light-based diagnostics and therapies. 2023 , 4, 011304	0
78	Xanthene-Based Nitric Oxide-Responsive Nanosensor for Photoacoustic Imaging in the SWIR Window. 2023 , 62,	0
77	Xanthene-Based Nitric Oxide-Responsive Nanosensor for Photoacoustic Imaging in the SWIR Window. 2023 , 135,	0
76	Lipid-coated red fluorescent carbon dots for imaging and synergistic phototherapy in breast cancer. 2023 , 41, 103314	0
75	Action of Photodynamic Therapy at Low Fluence in 9 L/lacZ Cells after Interaction with Chlorins. 2023 , 3, 82-97	0
74	Surface Engineering of Lanthanide Nanoparticles for Oncotherapy. 2023 , 56, 425-439	0
73	RNA-Seq-based transcriptomics analysis during the photodynamic therapy of primary cells in secondary hyperparathyroidism.	0
72	Recent Advances in Localized Immunomodulation Technology: Application of NIR-PIT toward Clinical Control of the Local Immune System. 2023 , 15, 561	0
71	Verteporfin Loaded Graphitic Carbon Nitride Nanosheets for Combined Photo-Chemotherapy. 2023 , 8,	0
70	Deep-red double-clad fiber laser at 717 nm. 2023 , 48, 1494	0
69	Photodynamic Light-Triggered Release of Curcumin from Hierarchical FAU Zeolite. 2023 , 13, 394	1

- 68 Supramolecular Photosensitizer Enables Oxygen-Independent Generation of Hydroxyl Radicals for Photodynamic Therapy. ○
- 67 BODIPY-Based Photothermal Agents with Excellent Phototoxic Indices for Cancer Treatment. **2023**, 145, 4534-4544 ○
- 66 Palladium nanoparticle based smart hydrogels for NIR light-triggered photothermal/photodynamic therapy and drug release with wound healing capability. **2023**, 5, 1729-1739 ○
- 65 Synergistic Effect of the Combined Action of Targeted and Photodynamic Therapy on HER2-Positive Breast Cancer. **2022**, 507, 330-333 ○
- 64 Curcumin a Natural Phenol and Its Therapeutic Role in Cancer and Photodynamic Therapy: A Review. **2023**, 15, 639 1
- 63 Knowledge mapping of image-guided tumor ablation and immunity: A bibliometric analysis. 14, ○
- 62 CURCUMIN AS A PROMISING PHOTSENSITIZER FOR PHOTODYNAMIC THERAPY. **2023**, 18, 11-16 ○
- 61 DNA groove binder and significant cytotoxic activity on human colon cancer cells: Potential of a dimeric zinc (II) phthalocyanine derivative. **2023**, 295, 106974 ○
- 60 Recent Trends in the Development of Novel Metal-Based Antineoplastic Drugs. **2023**, 28, 1959 1
- 59 Global Trends and Research Progress of Photodynamic Therapy in Skin Cancer: A Bibliometric Analysis and Literature Review. Volume 16, 479-498 3
- 58 Wider indications and more efficient drug delivery: A bibliometric analysis and visualization of photodynamic therapy in skin cancer. ○
- 57 Why traditional herbal medicine promotes wound healing: Research from immune response, wound microbiome to controlled delivery. **2023**, 195, 114764 ○
- 56 Radiotherapy, photodynamic therapy, and cryoablation-induced abscopal effect: Challenges and future prospects. ○
- 55 STUDY OF THE CYTOTOXIC EFFECT OF A MOLECULAR CONJUGATE BASED ON CHLORIN E6. 18-22 ○
- 54 Antimicrobial Photodynamic Therapy for the Remote Eradication of Bacteria. **2023**, 88, ○
- 53 Comparative effectiveness of interventions for the treatment of denture stomatitis: A systematic review with network meta-analysis. **2023**, ○
- 52 Novel Biophotonic Techniques for Phototherapy Enhancement: Cerenkov Radiation as a Bridge between Ionizing and Non-Ionizing Radiation Treatment. **2023**, 4, 86-105 ○
- 51 Insight into the Crosstalk between Photodynamic Therapy and Immunotherapy in Breast Cancer. **2023**, 15, 1532 ○

- 50 Critical PDT Theory VII : Preclinical Translation. ○
- 49 Photon-Controlled Pyroptosis Activation (PhotoPyro): An Emerging Trigger for Antitumor Immune Response. **2023**, 145, 6007-6023 ○
- 48 Designing temporal- and spatial-control multifunctional nanoformulations for synergistic photodynamic-enhanced tumour immunotherapy. **2023**, 49, 101816 ○
- 47 Adventures in Photodynamic Therapy: Location, Location, Location. ○
- 46 Polysaccharide-Based Stimulus-Responsive Nanomedicines for Combination Cancer Immunotherapy. 2206211 ○
- 45 Ferritin-based nanomedicine for disease treatment. **2023**, 3, 49-74 ○
- 44 Anticancer Screening of Ru(II) Photoredox Catalysts at Single Cancer Cell Level. ○
- 43 Boosting immunogenic cell death via hollow MnO₂-based multiple stimuli-responsive drug delivery systems for improved cancer immunotherapy. **2023**, 14, ○
- 42 Dual stimuli-activatable versatile nanoplatform for photodynamic therapy and chemotherapy of triple-negative breast cancer. **2023**, 108332 ○
- 41 Engineering Dynamic Defect of Ce III /Ce IV -Based Metal-Organic Framework through Ultrasound-Triggered Au Electron Trapper for Sonodynamic Therapy of Osteomyelitis. 2207687 ○
- 40 Phototoxic Potential of Different DNA Intercalators for Skin Cancer Therapy: In Vitro Screening. **2023**, 24, 5602 ○
- 39 An unusual successful treatment with ALA-PDT: A case-report on erythroplasia of Queyrat misdiagnosed as urethritis. **2023**, 103506 ○
- 38 Photodynamic and photothermal therapy using PLGA nanoparticles. **2023**, 357-391 ○
- 37 Polyphotosensitizer-Based Nanoparticles with Michael Addition Acceptors Inhibiting GST Activity and Cisplatin Deactivation for Enhanced Chemotherapy and Photodynamic Immunotherapy. 2300175 ○
- 36 Three birds one stone: an enzyme-activatable theragnostic agent for fluorescence diagnosis, photodynamic and inhibitor therapies. **2023**, 59, 4676-4679 ○
- 35 Acceptor substitution engineering of BODIPY-based organic photosensitizers with aggregation-induced emission for organelle localization and photodynamic anticancer therapy. **2023**, 228, 111838 ○
- 34 Chlorin e6-associated photodynamic therapy enhances abscopal antitumor effects via inhibition of PD-1/PD-L1 immune checkpoint. **2023**, 13, ○
- 33 Benz[e]indole-bearing aminosquaraine dyes: Which of the amines introduced into the squaric ring will be able to induce the best in vitro photodynamic effect?. **2023**, 215, 111239 ○

- 32 Efficacy of synthesized cubic spirulina platensis photosensitizer in anticancer photodynamic therapy: An in vitro study. **2023**, 42, 103511 ○
- 31 Cytotoxic Effects of Combinative ZnPcS4 Photosensitizer Photodynamic Therapy (PDT) and Cannabidiol (CBD) on a Cervical Cancer Cell Line. **2023**, 24, 6151 ○
- 30 Recent advances in SN-38 drug delivery system. **2023**, 637, 122886 ○
- 29 Phenazines and Photoactive Formulations: Promising Photodrugs for Photodynamic Therapy. ○
- 28 Illuminating anti-ageing. **2023**, 15, 451-452 ○
- 27 A phase I clinical trial of sonodynamic therapy combined with temozolomide in the treatment of recurrent glioblastoma. ○
- 26 Integration of TADF Photosensitizer as Electron Pump and BSA as Electron Reservoir for Boosting Type I Photodynamic Therapy. **2023**, 145, 8130-8140 ○
- 25 Metal-Organic Layer Delivers 5-Aminolevulinic Acid and Porphyrin for Dual-Organelle-Targeted Photodynamic Therapy. ○
- 24 ROS-responsive self-activatable photosensitizing agent for photodynamic-immunotherapy of cancer. **2023**, ○
- 23 Metal-Organic Layer Delivers 5-Aminolevulinic Acid and Porphyrin for Dual-Organelle-Targeted Photodynamic Therapy. ○
- 22 Efficacy of Photodynamic Therapy with Chlorine-Based Photosensitizer in the Treatment of Basal Cell Carcinomas. 12, 15-23 ○
- 21 Carbon dots/platinum nanoparticles-loaded mesoporous silica for synergistic photodynamic/catalytic therapy of hypoxic tumors. ○
- 20 Antibacterial effect and photothermal sterilization of low dose two-dimensional vanadium carbide. **2023**, 129, ○
- 19 Sulphur- and Selenium-for-Oxygen Replacement as a Strategy to Obtain Dual Type I/Type II Photosensitizers for Photodynamic Therapy. **2023**, 28, 3153 ○
- 18 Structure and Photosensitizer Ability of Polymethine Dyes in Photodynamic Therapy: A Review. **2023**, 58, 373-401 ○
- 17 Unraveling mitochondria-targeting reactive oxygen species modulation and their implementations in cancer therapy by nanomaterials. **2023**, 3, ○
- 16 Positron emission tomography imaging sheds new light on hypoxia and antitumor therapies. ○
- 15 Biomedical applications of magnetic nanocarriers: a review. **2023**, 195-212 ○

- 14 Lights and Dots toward Therapy Carbon-Based Quantum Dots as New Agents for Photodynamic Therapy. **2023**, 15, 1170
- 13 Developmental synergism in the management of oral potentially malignant disorders. **2023**, 42, 103563
- 12 Interactions of photosensitizers with potential delivery systems: binding of charged chlorins to Tween 80. **2023**, 72, 566-573
- 11 Biomaterial-assisted tumor therapy: A brief review of hydroxyapatite nanoparticles and its composites used in bone tumors therapy. 11,
- 10 GlycopolymERIC Photosensitizers with Cholic Acid for HepG2-Targeted Chemo-Photodynamic Synergistic Therapy.
- 9 Mitochondrial-Targeted Gold-Doped Porous Carbon Nanodots for Combined Photothermal and Photodynamic Therapy of Breast Cancer.
- 8 Facile preparation of toluidine blue-loaded DNA nanogels for anticancer photodynamic therapy. 11,
- 7 Synthesis of near-infrared absorbing conjugated copolymers with perfluorocarbon side chains to improve singlet oxygen generation efficiency. **2023**, 30,
- 6 Image-Guided Enhanced PDT/PTT Combination Therapy Using Brominated Hemicyanine-Loaded Folate Receptor-Targeting Ag₂S Quantum Dots.
- 5 Combination of Two Photosensitizers in Anticancer, Antimicrobial and Upconversion Photodynamic Therapy. **2023**, 16, 613
- 4 5-Aminolevulinic Acid as a Theranostic Agent for Tumor Fluorescence Imaging and Photodynamic Therapy. **2023**, 10, 496
- 3 Highly sensitive measurement method for photosensitizers based on dual-excitation laser modulation technique. **2023**, 133855
- 2 Indotricarbocyanine dyes relevant for photodynamic therapy and their radicals: Substituent effects studied by optical and electrochemical methods. **2023**, 216, 111344
- 1 pH-Responsive Nano-transferosomes of Purpurin-18 Sodium Salt and Doxorubicin for Enhanced Anticancer Efficiency by Photodynamic and Chemo Combination Therapy. **2023**, 8, 16479-16490