Jonathan F. Lovell

List of Publications by Year
in descending order

192	14,778	23544 58	19726 117
papers	citations	h-index	g-index

202	202	202	15711
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemophototherapeutic Ablation of <scp>Doxorubicinâ€Resistant</scp> Human Ovarian Tumor Cells^{â€}. Photochemistry and Photobiology, 2023, 99, 844-849.	1.3	1
2	Secretions from hypochlorous acid-treated tumor cells delivered in a melittin hydrogel potentiate cancer immunotherapy. Bioactive Materials, 2022, 9, 541-553.	8.6	19
3	Traceless antibiotic-crosslinked micelles for rapid clearance of intracellular bacteria. Journal of Controlled Release, 2022, 341, 329-340.	4.8	20
4	Irradiation conditioning of adjuvanted, autologous cancer cell membrane nanoparticle vaccines. Chemical Engineering Journal, 2022, 433, 134437.	6.6	9
5	Elucidating functional epitopes within the N-terminal region of malaria transmission blocking vaccine antigen Pfs230. Npj Vaccines, 2022, 7, 4.	2.9	12
6	AnIn VivoScreen to Identify Short Peptide Mimotopes with Enhanced Antitumor Immunogenicity. Cancer Immunology Research, 2022, 10, 314-326.	1.6	5
7	Anticancer Vaccination with Immunogenic Micelles That Capture and Release Pristine CD8⁺ T-Cell Epitopes and Adjuvants. ACS Applied Materials & Interfaces, 2022, 14, 2510-2521.	4.0	5
8	Vaccine Strategies: A Virtual Issue. Bioconjugate Chemistry, 2022, , .	1.8	3
9	Lightâ€Triggered Efficient Sequential Drug Delivery of Biomimetic Nanosystem for Multimodal Chemoâ€, Antiangiogenic, and Antiâ€MDSC Therapy in Melanoma. Advanced Materials, 2022, 34, e2106682.	11.1	37
10	Advanced Materials for SARSâ€CoVâ€2 Vaccines. Advanced Materials, 2022, 34, e2107781.	11.1	25
11	Food-Grade Activated Charcoal for Contrast-Enhanced Photoacoustic Imaging of Aspiration: A Phantom Study. Dysphagia, 2022, 37, 1651-1661.	1.0	2
12	Anti-cancer liposomal chemophototherapy using bilayer-localized photosensitizer and cabazitaxel. Nano Research, 2022, 15, 4302-4309.	5.8	8
13	Single-treatment tumor ablation with photodynamic liposomal irinotecan sucrosulfate. Translational Oncology, 2022, 19, 101390.	1.7	9
14	Microparticles: biogenesis, characteristics and intervention therapy for cancers in preclinical and clinical research. Journal of Nanobiotechnology, 2022, 20, 189.	4.2	17
15	Engineered Nanoparticle Applications for Recombinant Influenza Vaccines. Molecular Pharmaceutics, 2021, 18, 576-592.	2.3	14
16	Role of nanoparticle-mediated immunogenic cell death in cancer immunotherapy. Asian Journal of Pharmaceutical Sciences, 2021, 16, 129-132.	4.3	68
17	Labeling of Erythrocytes by Porphyrinâ€Phospholipid. Advanced NanoBiomed Research, 2021, 1, 2000013.	1.7	2
18	Local biomaterial-assisted antitumour immunotherapy for effusions in the pleural and peritoneal cavities caused by malignancies. Biomaterials Science, 2021, 9, 6381-6390.	2.6	8

#	Article	IF	Citations
19	In silico and in vitro design of cordycepin encapsulation in liposomes for colon cancer treatment. RSC Advances, 2021, 11, 8475-8484.	1.7	7
20	Experimental and Computational Observations of Immunogenic Cobalt Porphyrin Lipid Bilayers: Nanodomain-Enhanced Antigen Association. Pharmaceutics, 2021, 13, 98.	2.0	12
21	Antibiotic Cross-linked Micelles with Reduced Toxicity for Multidrug-Resistant Bacterial Sepsis Treatment. ACS Applied Materials & Interfaces, 2021, 13, 9630-9642.	4.0	19
22	A Potent Cancer Vaccine Adjuvant System for Particleization of Short, Synthetic CD8⁺ T Cell Epitopes. ACS Nano, 2021, 15, 4357-4371.	7.3	41
23	Excretable, ultrasmall hexagonal NaGdF4:Yb50% nanoparticles for bimodal imaging and radiosensitization. Cancer Nanotechnology, 2021, 12, 4.	1.9	9
24	HPVâ€Associated Tumor Eradication by Vaccination with Synthetic Short Peptides and Particleâ€Forming Liposomes. Small, 2021, 17, e2007165.	5.2	23
25	Trans-illumination intestine projection imaging of intestinal motility in mice. Nature Communications, 2021, 12, 1682.	5.8	6
26	Biomimetic Liposomal Nanoplatinum for Targeted Cancer Chemophototherapy. Advanced Science, 2021, 8, 2003679.	5.6	87
27	Delivery Strategies for Melittin-Based Cancer Therapy. ACS Applied Materials & Interfaces, 2021, 13, 17158-17173.	4.0	30
28	Design of a Thiol-Responsive, Traceless Prodrug with Rapid Self-Immolation for Cancer Chemotherapy. ACS Applied Bio Materials, 2021, 4, 4982-4989.	2.3	11
29	A liposome-displayed hemagglutinin vaccine platform protects mice and ferrets from heterologous influenza virus challenge. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	15
30	Cross-linked Histone as a Nanocarrier for Gut Delivery of Hydrophobic Cargos. ACS Applied Materials & Interfaces, 2021, 13, 26712-26720.	4.0	3
31	Metal Phenolic Networkâ€Integrated Multistage Nanosystem for Enhanced Drug Delivery to Solid Tumors. Small, 2021, 17, e2100789.	5.2	19
32	Role of intravital imaging in nanomedicine-assisted anti-cancer therapy. Current Opinion in Biotechnology, 2021, 69, 153-161.	3.3	5
33	Surfactantâ€Stripped Micelles with Aggregationâ€Induced Enhanced Emission for Bimodal Gut Imaging In Vivo and Microbiota Tagging Ex Vivo. Advanced Healthcare Materials, 2021, 10, e2100356.	3.9	12
34	Targeted Micellar Phthalocyanine for Lymph Node Metastasis Homing and Photothermal Therapy in an Orthotopic Colorectal Tumor Model. Nano-Micro Letters, 2021, 13, 145.	14.4	14
35	Light-Triggered Release of Large Biomacromolecules from Porphyrin-Phospholipid Liposomes. Langmuir, 2021, 37, 10859-10865.	1.6	12
36	A sulfobetaine zwitterionic polymerâ€“drug conjugate for multivalent paclitaxel and gemcitabine co-delivery. Biomaterials Science, 2021, 9, 5000-5010.	2.6	18

#	Article	IF	Citations
37	Positionâ€Scanning Peptide Libraries as Particle Immunogens for Improving CD8 + Tâ€Cell Responses. Advanced Science, 2021, , 2103023.	5.6	5
38	Peptide hydrogels loaded with irradiated tumor cell secretions enhance cancer immunotherapy. Nano Today, 2021, 41, 101323.	6.2	16
39	Lyophilized, thermostable Spike or RBD immunogenic liposomes induce protective immunity against SARS-CoV-2 in mice. Science Advances, 2021, 7, eabj1476.	4.7	27
40	Immunization with short peptide particles reveals a functional CD8⁺ T-cell neoepitope in a murine renal carcinoma model. , 2021, 9, e003101.		7
41	Magnetic Metal Micelles for Enhanced Delivery of Self-Immolating CD8⁺ T-Cell Epitopes for Cancer Immunotherapy. Chemistry of Materials, 2021, 33, 9780-9794.	3.2	7
42	Two Laser Treatments Can Improve Tumor Ablation Efficiency of Chemophototherapy. Pharmaceutics, 2021, 13, 2183.	2.0	3
43	Immunogenicity of the Lyme disease antigen OspA, particleized by cobalt porphyrin-phospholipid liposomes. Vaccine, 2020, 38, 942-950.	1.7	23
44	An Engineered Biomimetic MPER Peptide Vaccine Induces Weakly HIV Neutralizing Antibodies in Mice. Annals of Biomedical Engineering, 2020, 48, 1991-2001.	1.3	13
45	Lyophilized, antigen-bound liposomes with reduced MPLA and enhanced thermostability. International Journal of Pharmaceutics, 2020, 589, 119843.	2.6	18
46	Clinical development and potential of photothermal and photodynamic therapies for cancer. Nature Reviews Clinical Oncology, 2020, 17, 657-674.	12.5	1,622
47	USP7 targeting modulates anti-tumor immune response by reprogramming Tumor-associated Macrophages in Lung Cancer. Theranostics, 2020, 10, 9332-9347.	4.6	112
48	SARSâ€CoVâ€2 RBD Neutralizing Antibody Induction is Enhanced by Particulate Vaccination. Advanced Materials, 2020, 32, e2005637.	11.1	74
49	Thinking outside the macrocycle: Potential biomedical roles for nanostructured porphyrins and phthalocyanines â€" a SPP/JPP Young Investigator Award paper. Journal of Porphyrins and Phthalocyanines, 2020, 24, 1272-1277.	0.4	3
50	Particle-based, Pfs230 and Pfs25 immunization is effective, but not improved by duplexing at fixed total antigen dose. Malaria Journal, 2020, 19, 309.	0.8	19
51	Stimulus-Responsive Nanomedicines for Disease Diagnosis and Treatment. International Journal of Molecular Sciences, 2020, 21, 6380.	1.8	39
52	A surfactant-stripped cabazitaxel micelle formulation optimized with accelerated storage stability. Pharmaceutical Development and Technology, 2020, 25, 1281-1288.	1.1	9
53	Nanobowl-Supported Liposomes Improve Drug Loading and Delivery. Nano Letters, 2020, 20, 4177-4187.	4.5	81
54	Relieving immunosuppression during long-term anti-angiogenesis therapy using photodynamic therapy and oxygen delivery. Nanoscale, 2020, 12, 14788-14800.	2.8	11

#	Article	IF	Citations
55	Facile formulation of a long-wavelength cyanine for optical imaging in the second near-infrared window. Biomaterials Science, 2020, 8, 4199-4205.	2.6	16
56	Drug Delivery: Surfactantâ€Stripped Cabazitaxel Micelles Stabilized by Clotrimazole or Mifepristone (Adv. Therap. 3/2020). Advanced Therapeutics, 2020, 3, 2070007.	1.6	1
57	Irradiated tumor cellâ€“derived microparticles mediate tumor eradication via cell killing and immune reprogramming. Science Advances, 2020, 6, eaay9789.	4.7	139
58	Surfactantâ€Stripped Cabazitaxel Micelles Stabilized by Clotrimazole or Mifepristone. Advanced Therapeutics, 2020, 3, 1900161.	1.6	7
59	Targeting CAMKII to reprogram tumor-associated macrophages and inhibit tumor cells for cancer immunotherapy with an injectable hybrid peptide hydrogel. Theranostics, 2020, 10, 3049-3063.	4.6	57
60	Antibody response of a particle-inducing, liposome vaccine adjuvant admixed with a Pfs230 fragment. Npj Vaccines, 2020, 5, 23.	2.9	35
61	Biomimetic, Hypoxiaâ€Responsive Nanoparticles Overcome Residual Chemoresistant Leukemic Cells with Coâ€Targeting of Therapyâ€Induced Bone Marrow Niches. Advanced Functional Materials, 2020, 30, 2000309.	7.8	29
62	Sound Out the Deep Colors: Photoacoustic Molecular Imaging at New Depths. Molecular Imaging, 2020, 19, 153601212098151.	0.7	9
63	Inhibition of SARS-CoV-2 viral entry upon blocking N- and O-glycan elaboration. ELife, 2020, 9, .	2.8	165
64	Zwitterionic Cross-Linked Biodegradable Nanocapsules for Cancer Imaging. Langmuir, 2019, 35, 1440-1449.	1.6	16
65	Surfactantâ€Stripped Micelles for NIRâ€II Photoacoustic Imaging through 12 cm of Breast Tissue and Whole Human Breasts. Advanced Materials, 2019, 31, e1902279.	11.1	86
66	Liposomal formulations of photosensitizers. Biomaterials, 2019, 218, 119341.	5.7	100
67	A multifunctional biodegradable brush polymer-drug conjugate for paclitaxel/gemcitabine co-delivery and tumor imaging. Nanoscale Advances, 2019, 1, 2761-2771.	2.2	16
68	Co-delivery of Bee Venom Melittin and a Photosensitizer with an Organicâ€“Inorganic Hybrid Nanocarrier for Photodynamic Therapy and Immunotherapy. ACS Nano, 2019, 13, 12638-12652.	7.3	126
69	Membrane Disruption by Very Long Chain Fatty Acids during Necroptosis. ACS Chemical Biology, 2019, 14, 2286-2294.	1.6	28
70	Enhanced Drug Delivery by Nanoscale Integration of a Nitric Oxide Donor To Induce Tumor Collagen Depletion. Nano Letters, 2019, 19, 997-1008.	4.5	161
71	Pharmacokinetics and pharmacodynamics of liposomal chemophototherapy with short drug-light intervals. Journal of Controlled Release, 2019, 297, 39-47.	4.8	51
72	Indocyanine green binds to DOTAP liposomes for enhanced optical properties and tumor photoablation. Biomaterials Science, 2019, 7, 3158-3164.	2.6	30

#	Article	IF	Citations
73	Antigen Engineering Approaches for Lyme Disease Vaccines. Bioconjugate Chemistry, 2019, 30, 1259-1272.	1.8	9
74	Organic Fluorescent Probes for Diagnostics and Bio-Imaging. Topics in Medicinal Chemistry, 2019, , 33-53.	0.4	8
75	Singlet oxygen partition between the outer-, inner- and membrane-phases of photo/chemotherapeutic liposomes. Physical Chemistry Chemical Physics, 2019, 21, 25054-25064.	1.3	8
76	Surfactant-Stripped Pheophytin Micelles for Multimodal Tumor Imaging and Photodynamic Therapy. ACS Applied Bio Materials, 2019, 2, 544-554.	2.3	16
77	Blood Interactions, Pharmacokinetics, and Depth-Dependent Ablation of Rat Mammary Tumors with Photoactivatable, Liposomal Doxorubicin. Molecular Cancer Therapeutics, 2019, 18, 592-601.	1.9	17
78	Ingestible Contrast Agents for Gastrointestinal Imaging. ChemBioChem, 2019, 20, 462-473.	1.3	18
79	Highly-Soluble Cyanine J-aggregates Entrapped by Liposomes for In Vivo Optical Imaging around 930 nm. Theranostics, 2019, 9, 381-390.	4.6	33
80	Loading and releasing ciprofloxacin in photoactivatable liposomes. Biochemical Engineering Journal, 2019, 141, 43-48.	1.8	17
81	Metalloporphyrin nanoparticles: Coordinating diverse theranostic functions. Coordination Chemistry Reviews, 2019, 379, 99-120.	9.5	103
82	Advanced Porphyrin Nanomaterials for Biological Applications. , 2019, , 433-473.		1
83	Short Drugâ€“Light Intervals Improve Liposomal Chemophototherapy in Mice Bearing MIA PaCa-2 Xenografts. Molecular Pharmaceutics, 2018, 15, 3682-3689.	2.3	20
84	Multicolor Liposome Mixtures for Selective and Selectable Cargo Release. Nano Letters, 2018, 18, 1331-1336.	4.5	22
85	Integrated Combination Treatment Using a â€œSmartâ€•Chemotherapy and MicroRNA Delivery System Improves Outcomes in an Orthotopic Colorectal Cancer Model. Advanced Functional Materials, 2018, 28, 1801118.	7.8	39
86	Tumor Ablation and Therapeutic Immunity Induction by an Injectable Peptide Hydrogel. ACS Nano, 2018, 12, 3295-3310.	7.3	143
87	Naphthalocyanines as contrast agents for photoacoustic and multimodal imaging. Biomedical Engineering Letters, 2018, 8, 215-221.	2.1	21
88	A malaria vaccine adjuvant based on recombinant antigen binding to liposomes. Nature Nanotechnology, 2018, 13, 1174-1181.	15.6	100
89	Current taxane formulations and emerging cabazitaxel delivery systems. Nano Research, 2018, 11, 5193-5218.	5.8	39
90	A Tumor Vascularâ€Targeted Interlocking Trimodal Nanosystem That Induces and Exploits Hypoxia. Advanced Science, 2018, 5, 1800034.	5.6	38

#	Article	IF	Citations
91	Detection of Sunlight Exposure with Solar-Sensitive Liposomes that Capture and Release Food Dyes. ACS Applied Nano Materials, 2018, 1, 2739-2747.	2.4	9
92	Ingestible roasted barley for contrast-enhanced photoacoustic imaging in animal and human subjects. Biomaterials, 2018, 175, 72-81.	5.7	13
93	Porphyrin and Phthalocyanine Radiolabeling. Biological and Medical Physics Series, 2018, , 49-78.	0.3	2
94	Enhanced drug delivery using sonoactivatable liposomes with membrane-embedded porphyrins. Journal of Controlled Release, 2018, 286, 358-368.	4.8	71
95	Peptide Delivery Systems for Cancer Vaccines. Advanced Therapeutics, 2018, 1, 1800060.	1.6	30
96	Assessing Photosensitizer Targeting Using Meso-Tetra(Carboxyphenyl) Porphyrin. Molecules, 2018, 23, 892.	1.7	6
97	Recent Progress in Upconversion Photodynamic Therapy. Nanomaterials, 2018, 8, 344.	1.9	106
98	Adjuvant and Antigen Systems for Malaria Transmissionâ€Blocking Vaccines. Advanced Biology, 2018, 2, 1800011.	3.0	7
99	Binding of an amphiphilic phthalocyanine to pre-formed liposomes confers light-triggered cargo release. Journal of Materials Chemistry B, 2018, 6, 7298-7305.	2.9	30
100	Implantable Tin Porphyrin-PEG Hydrogels with pH-Responsive Fluorescence. Biomacromolecules, 2017, 18, 562-567.	2.6	32
101	Deep-tissue photoacoustic imaging at 1064 nm using a contrast agent based on phosphorus phthalocyanine formulation. Proceedings of SPIE, 2017, , .	0.8	1
102	Surfactant-stripped naphthalocyanines for multimodal tumor theranostics with upconversion guidance cream. Nanoscale, 2017, 9, 3391-3398.	2.8	38
103	Multifunctional Liposomes for Imageâ€Guided Intratumoral Chemoâ€Phototherapy. Advanced Healthcare Materials, 2017, 6, 1700253.	3.9	46
104	Bimodal Targeting Using Sulfonated, Mannosylated <scp>PEI</scp> for Combined Gene Delivery and Photodynamic Therapy. Photochemistry and Photobiology, 2017, 93, 600-608.	1.3	7
105	Vessel-Targeted Chemophototherapy with Cationic Porphyrin-Phospholipid Liposomes. Molecular Cancer Therapeutics, 2017, 16, 2452-2461.	1.9	35
106	Intrabilayer ⁶⁴Cu Labeling of Photoactivatable, Doxorubicin-Loaded Stealth Liposomes. ACS Nano, 2017, 11, 12482-12491.	7.3	62
107	A dual-channel endoscope for quantitative imaging, monitoring, and triggering of doxorubicin release from liposomes in living mice. Scientific Reports, 2017, 7, 15578.	1.6	12
108	Design of Hydrated Porphyrin-Phospholipid Bilayers with Enhanced Magnetic Resonance Contrast. Small, 2017, 13, 1602505.	5.2	18

#	Article	IF	Citations
109	Advanced Functional Nanomaterials for Theranostics. Advanced Functional Materials, 2017, 27, 1603524.	7.8	190
110	Chemophototherapy: An Emerging Treatment Option for Solid Tumors. Advanced Science, 2017, 4, 1600106.	5.6	344
111	Recent applications of phthalocyanines and naphthalocyanines for imaging and therapy. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2017, 9, e1420.	3.3	119
112	Targeted Nanomaterials for Phototherapy. Nanotheranostics, 2017, 1, 38-58.	2.7	135
113	Deep tissue photoacoustic computed tomography with a fast and compact laser system. Biomedical Optics Express, 2017, 8, 112.	1.5	55
114	12 Theranostic applications of photodynamic molecular beacons. Series in Cellular and Clinical Imaging, 2017, , 249-258.	0.2	0
115	Slit-enabled linear-array photoacoustic tomography with near isotropic spatial resolution in three dimensions. Proceedings of SPIE, 2017, , .	0.8	0
116	Sphingomyelin Liposomes Containing Porphyrin-phospholipid for Irinotecan Chemophototherapy. Theranostics, 2016, 6, 2329-2336.	4.6	50
117	A Phosphorus Phthalocyanine Formulation with Intense Absorbance at 1000 nm for Deep Optical Imaging. Theranostics, 2016, 6, 688-697.	4.6	152
118	Rapid Lightâ€Triggered Drug Release in Liposomes Containing Small Amounts of Unsaturated and Porphyrinâ€“Phospholipids. Small, 2016, 12, 3039-3047.	5.2	119
119	Mechanisms of lightâ€induced liposome permeabilization. Bioengineering and Translational Medicine, 2016, 1, 267-276.	3.9	75
120	Tumor priming using metronomic chemotherapy with neovasculature-targeted, nanoparticulate paclitaxel. Biomaterials, 2016, 95, 60-73.	5.7	51
121	Therapeutic surfactant-stripped frozen micelles. Nature Communications, 2016, 7, 11649.	5.8	68
122	Surfactantâ€Stripped Frozen Pheophytin Micelles for Multimodal Gut Imaging. Advanced Materials, 2016, 28, 8524-8530.	11.1	67
123	Programmable Real-time Clinical Photoacoustic and Ultrasound Imaging System. Scientific Reports, 2016, 6, 35137.	1.6	169
124	Directed vaccination against pneumococcal disease. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6898-6903.	3.3	39
125	Clinical real-time photoacoustic/ultrasound imaging system at POSTECH. , 2016, , .		0
126	Axial PEGylation of Tin Octabutoxy Naphthalocyanine Extends Blood Circulation for Photoacoustic Vascular Imaging. Bioconjugate Chemistry, 2016, 27, 1574-1578.	1.8	35

#	Article	IF	Citations
127	Metal Chelation Modulates Phototherapeutic Properties of Mitoxantrone-Loaded Porphyrinâ€“Phospholipid Liposomes. Molecular Pharmaceutics, 2016, 13, 420-427.	2.3	35
128	Slit-enabled linear-array photoacoustic tomography with near isotropic spatial resolution in three dimensions. Optics Letters, 2016, 41, 127.	1.7	37
129	Doxorubicin encapsulated in stealth liposomes conferred with light-triggered drug release. Biomaterials, 2016, 75, 193-202.	5.7	201
130	A porphyrin-PEG polymer with rapid renal clearance. Biomaterials, 2016, 76, 25-32.	5.7	60
131	In Vivo Volumetric Photoacoustic Images of Gastrointestinal Tracts in Rats using Clinical Photoacoustic/Ultrasound Imaging System. , 2016, , .		0
132	Recent Advances in Higher-Order, Multimodal, Biomedical Imaging Agents. Small, 2015, 11, 4445-4461.	5.2	128
133	Design and Characterization of a Multifunctional pHâ€Triggered Peptide C8 for Selective Anticancer Activity. Advanced Healthcare Materials, 2015, 4, 2709-2718.	3.9	23
134	Emerging applications of porphyrins in photomedicine. Frontiers in Physics, 2015, 3, .	1.0	141
135	Highlights from the latest research in nanomedicine. Nanomedicine, 2015, 10, 5-8.	1.7	0
136	Reversible Micro- and Nano- Phase Programming of Anthraquinone Thermochromism Using Blended Block Copolymers. Langmuir, 2015, 31, 13488-13493.	1.6	6
137	Hexamodal Imaging with Porphyrinâ€Phospholipidâ€Coated Upconversion Nanoparticles. Advanced Materials, 2015, 27, 1785-1790.	11.1	189
138	Sulfonated Polyethylenimine for Photosensitizer Conjugation and Targeting. Bioconjugate Chemistry, 2015, 26, 1633-1639.	1.8	9
139	Functionalization of cobalt porphyrinâ€“phospholipid bilayers with his-tagged ligands and antigens. Nature Chemistry, 2015, 7, 438-446.	6.6	112
140	Quantitative imaging of light-triggered doxorubicin release. Biomedical Optics Express, 2015, 6, 3546.	1.5	18
141	Frozen naphthalocyanine micelles for intestinal imaging. , 2015, , .		0
142	Dual-color photoacoustic lymph node imaging using nanoformulated naphthalocyanines. Biomaterials, 2015, 73, 142-148.	5.7	111
143	Crossovers in supercooled solvation water: Effects of hydrophilic and hydrophobic interactions. Europhysics Letters, 2015, 110, 38006.	0.7	3
144	Porphyrin-phospholipid liposomes with tunable leakiness. Journal of Controlled Release, 2015, 220, 484-494.	4.8	44

#	Article	IF	Citations
145	Nanomedical engineering: shaping future nanomedicines. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2015, 7, 169-188.	3.3	50
146	^{99m}Tc-labeled porphyrinâ€“lipid nanovesicles. Journal of Liposome Research, 2015, 25, 101-106.	1.5	10
147	Opportunities for Photoacoustic-Guided Drug Delivery. Current Drug Targets, 2015, 16, 571-581.	1.0	65
148	Methylene blue microbubbles (MB2) as a dual modal contrast agent for photoacoustic and ultrasound imaging. , 2014, , .		0
149	Optically Controlled Pore Formation in Selfâ€Sealing Giant Porphyrin Vesicles. Small, 2014, 10, 1184-1193.	5.2	17
150	Methylene blue microbubbles as a model dual-modality contrast agent for ultrasound and activatable photoacoustic imaging. Journal of Biomedical Optics, 2014, 19, 016005.	1.4	87
151	A quenched binuclear ruthenium(<scp>ii</scp>) dimer activated by another photosensitizer. Chemical Communications, 2014, 50, 3231-3233.	2.2	11
152	Non-invasive multimodal functional imaging of the intestine with frozen micellar naphthalocyanines. Nature Nanotechnology, 2014, 9, 631-638.	15.6	382
153	Size-Tunable and Monodisperse Tm³⁺/Gd³⁺-Doped Hexagonal NaYbF₄ Nanoparticles with Engineered Efficient Near Infrared-to-Near Infrared Upconversion for In Vivo Imaging. ACS Applied Materials & Interfaces, 2014, 6, 13884-13893.	4.0	128
154	Pdâ€Porphyrinâ€Crossâ€Linked Implantable Hydrogels with Oxygenâ€Responsive Phosphorescence. Advanced Healthcare Materials, 2014, 3, 891-896.	3.9	46
155	Porphyrinâ€“phospholipid liposomes permeabilized by near-infrared light. Nature Communications, 2014, 5, 3546.	5.8	282
156	A Porphodimethene Chemical Inhibitor of Uroporphyrinogen Decarboxylase. PLoS ONE, 2014, 9, e89889.	1.1	4
157	Opportunities for New Photodynamic Molecular Beacon Designs. , 2014, , 733-758.		0
158	Self-Assembled Porphyrin Nanodiscs with Structure-Dependent Activation for Phototherapy and Photodiagnostic Applications. ACS Nano, 2013, 7, 3484-3490.	7.3	112
159	Ablation of Hypoxic Tumors with Dose-Equivalent Photothermal, but Not Photodynamic, Therapy Using a Nanostructured Porphyrin Assembly. ACS Nano, 2013, 7, 2541-2550.	7.3	367
160	The use of nanoparticulate delivery systems in metronomic chemotherapy. Biomaterials, 2013, 34, 3925-3937.	5.7	18
161	One Minute, Sub-One-Watt Photothermal Tumor Ablation Using Porphysomes, Intrinsic Multifunctional Nanovesicles. Journal of Visualized Experiments, 2013, , e50536.	0.2	10
162	Porphyrins and Phthalocyanines for Theranostics. Theranostics, 2012, 2, 815-816.	4.6	15

#	Article	IF	Citations
163	Mechanistic Insights into LDL Nanoparticle-Mediated siRNA Delivery. Bioconjugate Chemistry, 2012, 23, 33-41.	1.8	49
164	Comparison of Secondary Structure Formation Using 10 Different Force Fields in Microsecond Molecular Dynamics Simulations. Journal of Chemical Theory and Computation, 2012, 8, 2725-2740.	2.3	171
165	Synthesis and Development of Lipoproteinâ€Based Nanocarriers for Lightâ€Activated Theranostics. Israel Journal of Chemistry, 2012, 52, 715-727.	1.0	6
166	Porphyrin Shell Microbubbles with Intrinsic Ultrasound and Photoacoustic Properties. Journal of the American Chemical Society, 2012, 134, 16464-16467.	6.6	171
167	Assessment of Common Simulation Protocols for Simulations of Nanopores, Membrane Proteins, and Channels. Journal of Chemical Theory and Computation, 2012, 8, 2905-2911.	2.3	58
168	Porphyrins as Theranostic Agents from Prehistoric to Modern Times. Theranostics, 2012, 2, 905-915.	4.6	126
169	Enzymatic Regioselection for the Synthesis and Biodegradation of Porphysome Nanovesicles. Angewandte Chemie - International Edition, 2012, 51, 2429-2433.	7.2	104
170	Optically Controlled Opening of Self-Sealing Giant Unilamellar Vesicles. , 2012, , .		0
171	Porphysomes: Intrinsically Multifunctional Nanovesicles for Photothermal Therapy. , 2012, , .		0
172	Porphysomes: Multifunctional Nanovesicles to Treat Hypoxic Tumour by Photothermal Therapy. , 2012, , .		0
173	Cytosolic delivery of LDL nanoparticle cargo using photochemical internalization. Photochemical and Photobiological Sciences, 2011, 10, 810-816.	1.6	26
174	Porphyrin FRET Acceptors for Apoptosis Induction and Monitoring. Journal of the American Chemical Society, 2011, 133, 18580-18582.	6.6	89
175	Research Highlights. Nanomedicine, 2011, 6, 1155-1158.	1.7	46
176	Porphyrin-Cross-Linked Hydrogel for Fluorescence-Guided Monitoring and Surgical Resection. Biomacromolecules, 2011, 12, 3115-3118.	2.6	75
177	Lipoprotein-Inspired Nanoparticles for Cancer Theranostics. Accounts of Chemical Research, 2011, 44, 1105-1113.	7.6	294
178	Porphysome nanovesicles generated by porphyrin bilayers for use as multimodal biophotonic contrast agents. Nature Materials, 2011, 10, 324-332.	13.3	1,219
179	Efficient Cytosolic Delivery of siRNA Using HDLâ€Mimicking Nanoparticles. Small, 2011, 7, 568-573.	5.2	81
180	Activatable Photosensitizers for Imaging and Therapy. Chemical Reviews, 2010, 110, 2839-2857.	23.0	1,483

#	Article	IF	Citations
181	Investigating the specific uptake of EGF-conjugated nanoparticles in lung cancer cells using fluorescence imaging. Cancer Nanotechnology, 2010, 1, 71-78.	1.9	20
182	HDLâ€Mimicking Peptideâ€“Lipid Nanoparticles with Improved Tumor Targeting. Small, 2010, 6, 430-437.	5.2	122
183	Programmed Nanoparticle Aggregation Using Molecular Beacons. Angewandte Chemie - International Edition, 2010, 49, 7917-7919.	7.2	13
184	Facile Synthesis of Advanced Photodynamic Molecular Beacon Architectures. Bioconjugate Chemistry, 2010, 21, 1023-1025.	1.8	24
185	Biomimetic Nanocarrier for Direct Cytosolic Drug Delivery. Angewandte Chemie - International Edition, 2009, 48, 9171-9175.	7.2	150
186	FRET Quenching of Photosensitizer Singlet Oxygen Generation. Journal of Physical Chemistry B, 2009, 113, 3203-3211.	1.2	131
187	Bcl-XL Inhibits Membrane Permeabilization by Competing with Bax. PLoS Biology, 2008, 6, e147.	2.6	266
188	Membrane Binding by tBid Initiates an Ordered Series of Events Culminating in Membrane Permeabilization by Bax. Cell, 2008, 135, 1074-1084.	13.5	511
189	A tumor mRNA-triggered photodynamic molecular beacon based on oligonucleotide hairpin control of singlet oxygen production. Photochemical and Photobiological Sciences, 2008, 7, 775-781.	1.6	58
190	ACTIVATABLE SMART PROBES FOR MOLECULAR OPTICAL IMAGING AND THERAPY. Journal of Innovative Optical Health Sciences, 2008, 01, 45-61.	0.5	18
191	Characterization of time-domain fluorescence properties of typical photosensitizers for photodynamic therapy. , 2007, , .		0
192	What Happens if Cholesterol Is Made Smoother. Biophysical Journal, 2007, 92, 3346-3357.	0.2	99