

Jonathan F. Lovell

List of Publications by Year in descending order

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192
papers

14,778
citations

23544

58
h-index

19726

117
g-index

202
all docs

202
docs citations

202
times ranked

15711
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical development and potential of photothermal and photodynamic therapies for cancer. <i>Nature Reviews Clinical Oncology</i> , 2020, 17, 657-674.	12.5	1,622
2	Activatable Photosensitizers for Imaging and Therapy. <i>Chemical Reviews</i> , 2010, 110, 2839-2857.	23.0	1,483
3	Porphysome nanovesicles generated by porphyrin bilayers for use as multimodal biophotonic contrast agents. <i>Nature Materials</i> , 2011, 10, 324-332.	13.3	1,219
4	Membrane Binding by tBid Initiates an Ordered Series of Events Culminating in Membrane Permeabilization by Bax. <i>Cell</i> , 2008, 135, 1074-1084.	13.5	511
5	Non-invasive multimodal functional imaging of the intestine with frozen micellar naphthalocyanines. <i>Nature Nanotechnology</i> , 2014, 9, 631-638.	15.6	382
6	Ablation of Hypoxic Tumors with Dose-Equivalent Photothermal, but Not Photodynamic, Therapy Using a Nanostructured Porphyrin Assembly. <i>ACS Nano</i> , 2013, 7, 2541-2550.	7.3	367
7	Chemophototherapy: An Emerging Treatment Option for Solid Tumors. <i>Advanced Science</i> , 2017, 4, 1600106.	5.6	344
8	Lipoprotein-Inspired Nanoparticles for Cancer Theranostics. <i>Accounts of Chemical Research</i> , 2011, 44, 1105-1113.	7.6	294
9	Porphyrin ϕ phospholipid liposomes permeabilized by near-infrared light. <i>Nature Communications</i> , 2014, 5, 3546.	5.8	282
10	Bcl-XL Inhibits Membrane Permeabilization by Competing with Bax. <i>PLoS Biology</i> , 2008, 6, e147.	2.6	266
11	Doxorubicin encapsulated in stealth liposomes conferred with light-triggered drug release. <i>Biomaterials</i> , 2016, 75, 193-202.	5.7	201
12	Advanced Functional Nanomaterials for Theranostics. <i>Advanced Functional Materials</i> , 2017, 27, 1603524.	7.8	190
13	Hexamodal Imaging with Porphyrin ϕ Phospholipid ϕ Coated Upconversion Nanoparticles. <i>Advanced Materials</i> , 2015, 27, 1785-1790.	11.1	189
14	Comparison of Secondary Structure Formation Using 10 Different Force Fields in Microsecond Molecular Dynamics Simulations. <i>Journal of Chemical Theory and Computation</i> , 2012, 8, 2725-2740.	2.3	171
15	Porphyrin Shell Microbubbles with Intrinsic Ultrasound and Photoacoustic Properties. <i>Journal of the American Chemical Society</i> , 2012, 134, 16464-16467.	6.6	171
16	Programmable Real-time Clinical Photoacoustic and Ultrasound Imaging System. <i>Scientific Reports</i> , 2016, 6, 35137.	1.6	169
17	Inhibition of SARS-CoV-2 viral entry upon blocking N- and O-glycan elaboration. <i>ELife</i> , 2020, 9, .	2.8	165
18	Enhanced Drug Delivery by Nanoscale Integration of a Nitric Oxide Donor To Induce Tumor Collagen Depletion. <i>Nano Letters</i> , 2019, 19, 997-1008.	4.5	161

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19	A Phosphorus Phthalocyanine Formulation with Intense Absorbance at 1000 nm for Deep Optical Imaging. <i>Theranostics</i> , 2016, 6, 688-697.	4.6	152
20	Biomimetic Nanocarrier for Direct Cytosolic Drug Delivery. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9171-9175.	7.2	150
21	Tumor Ablation and Therapeutic Immunity Induction by an Injectable Peptide Hydrogel. <i>ACS Nano</i> , 2018, 12, 3295-3310.	7.3	143
22	Emerging applications of porphyrins in photomedicine. <i>Frontiers in Physics</i> , 2015, 3, .	1.0	141
23	Irradiated tumor cell-derived microparticles mediate tumor eradication via cell killing and immune reprogramming. <i>Science Advances</i> , 2020, 6, eaay9789.	4.7	139
24	Targeted Nanomaterials for Phototherapy. <i>Nanotheranostics</i> , 2017, 1, 38-58.	2.7	135
25	FRET Quenching of Photosensitizer Singlet Oxygen Generation. <i>Journal of Physical Chemistry B</i> , 2009, 113, 3203-3211.	1.2	131
26	Size-Tunable and Monodisperse Tm^{3+}/Gd^{3+} -Doped Hexagonal $NaYbF_4$ Nanoparticles with Engineered Efficient Near Infrared-to-Near Infrared Upconversion for In Vivo Imaging. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 13884-13893.	4.0	128
27	Recent Advances in Higher-Order, Multimodal, Biomedical Imaging Agents. <i>Small</i> , 2015, 11, 4445-4461.	5.2	128
28	Porphyrins as Theranostic Agents from Prehistoric to Modern Times. <i>Theranostics</i> , 2012, 2, 905-915.	4.6	126
29	Co-delivery of Bee Venom Melittin and a Photosensitizer with an Organic-Inorganic Hybrid Nanocarrier for Photodynamic Therapy and Immunotherapy. <i>ACS Nano</i> , 2019, 13, 12638-12652.	7.3	126
30	HDL-Mimicking Peptide-Lipid Nanoparticles with Improved Tumor Targeting. <i>Small</i> , 2010, 6, 430-437.	5.2	122
31	Rapid Light-Triggered Drug Release in Liposomes Containing Small Amounts of Unsaturated and Porphyrin-Phospholipids. <i>Small</i> , 2016, 12, 3039-3047.	5.2	119
32	Recent applications of phthalocyanines and naphthalocyanines for imaging and therapy. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017, 9, e1420.	3.3	119
33	Self-Assembled Porphyrin Nanodiscs with Structure-Dependent Activation for Phototherapy and Photodiagnostic Applications. <i>ACS Nano</i> , 2013, 7, 3484-3490.	7.3	112
34	Functionalization of cobalt porphyrin-phospholipid bilayers with his-tagged ligands and antigens. <i>Nature Chemistry</i> , 2015, 7, 438-446.	6.6	112
35	USP7 targeting modulates anti-tumor immune response by reprogramming Tumor-associated Macrophages in Lung Cancer. <i>Theranostics</i> , 2020, 10, 9332-9347.	4.6	112
36	Dual-color photoacoustic lymph node imaging using nanoformulated naphthalocyanines. <i>Biomaterials</i> , 2015, 73, 142-148.	5.7	111

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37	Recent Progress in Upconversion Photodynamic Therapy. <i>Nanomaterials</i> , 2018, 8, 344.	1.9	106
38	Enzymatic Regioselection for the Synthesis and Biodegradation of Porphysome Nanovesicles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2429-2433.	7.2	104
39	Metalloporphyrin nanoparticles: Coordinating diverse theranostic functions. <i>Coordination Chemistry Reviews</i> , 2019, 379, 99-120.	9.5	103
40	A malaria vaccine adjuvant based on recombinant antigen binding to liposomes. <i>Nature Nanotechnology</i> , 2018, 13, 1174-1181.	15.6	100
41	Liposomal formulations of photosensitizers. <i>Biomaterials</i> , 2019, 218, 119341.	5.7	100
42	What Happens if Cholesterol Is Made Smoother. <i>Biophysical Journal</i> , 2007, 92, 3346-3357.	0.2	99
43	Porphyry FRET Acceptors for Apoptosis Induction and Monitoring. <i>Journal of the American Chemical Society</i> , 2011, 133, 18580-18582.	6.6	89
44	Methylene blue microbubbles as a model dual-modality contrast agent for ultrasound and activatable photoacoustic imaging. <i>Journal of Biomedical Optics</i> , 2014, 19, 016005.	1.4	87
45	Biomimetic Liposomal Nanoplatinum for Targeted Cancer Chemophotherapy. <i>Advanced Science</i> , 2021, 8, 2003679.	5.6	87
46	Surfactant-stripped Micelles for NIR-II Photoacoustic Imaging through 12 cm of Breast Tissue and Whole Human Breasts. <i>Advanced Materials</i> , 2019, 31, e1902279.	11.1	86
47	Efficient Cytosolic Delivery of siRNA Using HDL-mimicking Nanoparticles. <i>Small</i> , 2011, 7, 568-573.	5.2	81
48	Nanobowl-Supported Liposomes Improve Drug Loading and Delivery. <i>Nano Letters</i> , 2020, 20, 4177-4187.	4.5	81
49	Porphyry-Cross-Linked Hydrogel for Fluorescence-Guided Monitoring and Surgical Resection. <i>Biomacromolecules</i> , 2011, 12, 3115-3118.	2.6	75
50	Mechanisms of light-induced liposome permeabilization. <i>Bioengineering and Translational Medicine</i> , 2016, 1, 267-276.	3.9	75
51	SARS-CoV-2 RBD Neutralizing Antibody Induction is Enhanced by Particulate Vaccination. <i>Advanced Materials</i> , 2020, 32, e2005637.	11.1	74
52	Enhanced drug delivery using sonoactivatable liposomes with membrane-embedded porphyrins. <i>Journal of Controlled Release</i> , 2018, 286, 358-368.	4.8	71
53	Therapeutic surfactant-stripped frozen micelles. <i>Nature Communications</i> , 2016, 7, 11649.	5.8	68
54	Role of nanoparticle-mediated immunogenic cell death in cancer immunotherapy. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021, 16, 129-132.	4.3	68

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55	Surfactantâ€Stripped Frozen Pheophytin Micelles for Multimodal Gut Imaging. <i>Advanced Materials</i> , 2016, 28, 8524-8530.	11.1	67
56	Opportunities for Photoacoustic-Guided Drug Delivery. <i>Current Drug Targets</i> , 2015, 16, 571-581.	1.0	65
57	Intrabilayer ⁶⁴ Cu Labeling of Photoactivatable, Doxorubicin-Loaded Stealth Liposomes. <i>ACS Nano</i> , 2017, 11, 12482-12491.	7.3	62
58	A porphyrin-PEG polymer with rapid renal clearance. <i>Biomaterials</i> , 2016, 76, 25-32.	5.7	60
59	A tumor mRNA-triggered photodynamic molecular beacon based on oligonucleotide hairpin control of singlet oxygen production. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 775-781.	1.6	58
60	Assessment of Common Simulation Protocols for Simulations of Nanopores, Membrane Proteins, and Channels. <i>Journal of Chemical Theory and Computation</i> , 2012, 8, 2905-2911.	2.3	58
61	Targeting CAMKII to reprogram tumor-associated macrophages and inhibit tumor cells for cancer immunotherapy with an injectable hybrid peptide hydrogel. <i>Theranostics</i> , 2020, 10, 3049-3063.	4.6	57
62	Deep tissue photoacoustic computed tomography with a fast and compact laser system. <i>Biomedical Optics Express</i> , 2017, 8, 112.	1.5	55
63	Tumor priming using metronomic chemotherapy with neovasculature-targeted, nanoparticulate paclitaxel. <i>Biomaterials</i> , 2016, 95, 60-73.	5.7	51
64	Pharmacokinetics and pharmacodynamics of liposomal chemophototherapy with short drug-light intervals. <i>Journal of Controlled Release</i> , 2019, 297, 39-47.	4.8	51
65	Nanomaterial engineering: shaping future nanomedicines. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2015, 7, 169-188.	3.3	50
66	Shingomyelin Liposomes Containing Porphyrin-phospholipid for Irinotecan Chemophototherapy. <i>Theranostics</i> , 2016, 6, 2329-2336.	4.6	50
67	Mechanistic Insights into LDL Nanoparticle-Mediated siRNA Delivery. <i>Bioconjugate Chemistry</i> , 2012, 23, 33-41.	1.8	49
68	Research Highlights. <i>Nanomedicine</i> , 2011, 6, 1155-1158.	1.7	46
69	Pdâ€Porphyrinâ€Crossâ€Linked Implantable Hydrogels with Oxygenâ€Responsive Phosphorescence. <i>Advanced Healthcare Materials</i> , 2014, 3, 891-896.	3.9	46
70	Multifunctional Liposomes for Imageâ€Guided Intratumoral Chemoâ€Phototherapy. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700253.	3.9	46
71	Porphyrin-phospholipid liposomes with tunable leakiness. <i>Journal of Controlled Release</i> , 2015, 220, 484-494.	4.8	44
72	A Potent Cancer Vaccine Adjuvant System for Particleization of Short, Synthetic CD8 ⁺ T Cell Epitopes. <i>ACS Nano</i> , 2021, 15, 4357-4371.	7.3	41

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73	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
74	Integrated Combination Treatment Using a "Smart" Chemotherapy and MicroRNA Delivery System Improves Outcomes in an Orthotopic Colorectal Cancer Model. Advanced Functional Materials, 2018, 28, 1801118.	7.8	39
75	Current taxane formulations and emerging cabazitaxel delivery systems. Nano Research, 2018, 11, 5193-5218.	5.8	39
76	Stimulus-Responsive Nanomedicines for Disease Diagnosis and Treatment. International Journal of Molecular Sciences, 2020, 21, 6380.	1.8	39
77	Surfactant-stripped naphthalocyanines for multimodal tumor theranostics with upconversion guidance cream. Nanoscale, 2017, 9, 3391-3398.	2.8	38
78	A Tumor Vascular-Targeted Interlocking Trimodal Nanosystem That Induces and Exploits Hypoxia. Advanced Science, 2018, 5, 1800034.	5.6	38
79	Slit-enabled linear-array photoacoustic tomography with near isotropic spatial resolution in three dimensions. Optics Letters, 2016, 41, 127.	1.7	37
80	Light-Triggered Efficient Sequential Drug Delivery of Biomimetic Nanosystem for Multimodal Chemo-, Antiangiogenic, and Anti-MDSC Therapy in Melanoma. Advanced Materials, 2022, 34, e2106682.	11.1	37
81	Axial PEGylation of Tin Octabutoxy Naphthalocyanine Extends Blood Circulation for Photoacoustic Vascular Imaging. Bioconjugate Chemistry, 2016, 27, 1574-1578.	1.8	35
82	Metal Chelation Modulates Phototherapeutic Properties of Mitoxantrone-Loaded Porphyrin-Phospholipid Liposomes. Molecular Pharmaceutics, 2016, 13, 420-427.	2.3	35
83	Vessel-Targeted Chemophototherapy with Cationic Porphyrin-Phospholipid Liposomes. Molecular Cancer Therapeutics, 2017, 16, 2452-2461.	1.9	35
84	Antibody response of a particle-inducing, liposome vaccine adjuvant admixed with a Pfs230 fragment. Npj Vaccines, 2020, 5, 23.	2.9	35
85	Highly-Soluble Cyanine J-aggregates Entrapped by Liposomes for <i>In Vivo</i> Optical Imaging around 930 nm. Theranostics, 2019, 9, 381-390.	4.6	33
86	Implantable Tin Porphyrin-PEG Hydrogels with pH-Responsive Fluorescence. Biomacromolecules, 2017, 18, 562-567.	2.6	32
87	Peptide Delivery Systems for Cancer Vaccines. Advanced Therapeutics, 2018, 1, 1800060.	1.6	30
88	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
89	Indocyanine green binds to DOTAP liposomes for enhanced optical properties and tumor photoablation. Biomaterials Science, 2019, 7, 3158-3164.	2.6	30
90	Delivery Strategies for Melittin-Based Cancer Therapy. ACS Applied Materials & Interfaces, 2021, 13, 17158-17173.	4.0	30

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91	Biomimetic, Hypoxia-Responsive Nanoparticles Overcome Residual Chemoresistant Leukemic Cells with Co-Targeting of Therapy-Induced Bone Marrow Niches. <i>Advanced Functional Materials</i> , 2020, 30, 2000309.	7.8	29
92	Membrane Disruption by Very Long Chain Fatty Acids during Necroptosis. <i>ACS Chemical Biology</i> , 2019, 14, 2286-2294.	1.6	28
93	Lyophilized, thermostable Spike or RBD immunogenic liposomes induce protective immunity against SARS-CoV-2 in mice. <i>Science Advances</i> , 2021, 7, eabj1476.	4.7	27
94	Cytosolic delivery of LDL nanoparticle cargo using photochemical internalization. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 810-816.	1.6	26
95	Advanced Materials for SARS-CoV-2 Vaccines. <i>Advanced Materials</i> , 2022, 34, e2107781.	11.1	25
96	Facile Synthesis of Advanced Photodynamic Molecular Beacon Architectures. <i>Bioconjugate Chemistry</i> , 2010, 21, 1023-1025.	1.8	24
97	Design and Characterization of a Multifunctional pH-Triggered Peptide C8 for Selective Anticancer Activity. <i>Advanced Healthcare Materials</i> , 2015, 4, 2709-2718.	3.9	23
98	Immunogenicity of the Lyme disease antigen OspA, particleized by cobalt porphyrin-phospholipid liposomes. <i>Vaccine</i> , 2020, 38, 942-950.	1.7	23
99	HPV-Associated Tumor Eradication by Vaccination with Synthetic Short Peptides and Particle-Forming Liposomes. <i>Small</i> , 2021, 17, e2007165.	5.2	23
100	Multicolor Liposome Mixtures for Selective and Selectable Cargo Release. <i>Nano Letters</i> , 2018, 18, 1331-1336.	4.5	22
101	Naphthalocyanines as contrast agents for photoacoustic and multimodal imaging. <i>Biomedical Engineering Letters</i> , 2018, 8, 215-221.	2.1	21
102	Investigating the specific uptake of EGF-conjugated nanoparticles in lung cancer cells using fluorescence imaging. <i>Cancer Nanotechnology</i> , 2010, 1, 71-78.	1.9	20
103	Short Drug-Light Intervals Improve Liposomal Chemophototherapy in Mice Bearing MIA PaCa-2 Xenografts. <i>Molecular Pharmaceutics</i> , 2018, 15, 3682-3689.	2.3	20
104	Traceless antibiotic-crosslinked micelles for rapid clearance of intracellular bacteria. <i>Journal of Controlled Release</i> , 2022, 341, 329-340.	4.8	20
105	Particle-based, Pfs230 and Pfs25 immunization is effective, but not improved by duplexing at fixed total antigen dose. <i>Malaria Journal</i> , 2020, 19, 309.	0.8	19
106	Antibiotic Cross-linked Micelles with Reduced Toxicity for Multidrug-Resistant Bacterial Sepsis Treatment. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 9630-9642.	4.0	19
107	Metal Phenolic Network-Integrated Multistage Nanosystem for Enhanced Drug Delivery to Solid Tumors. <i>Small</i> , 2021, 17, e2100789.	5.2	19
108	Secretions from hypochlorous acid-treated tumor cells delivered in a melittin hydrogel potentiate cancer immunotherapy. <i>Bioactive Materials</i> , 2022, 9, 541-553.	8.6	19

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109	ACTIVATABLE SMART PROBES FOR MOLECULAR OPTICAL IMAGING AND THERAPY. <i>Journal of Innovative Optical Health Sciences</i> , 2008, 01, 45-61.	0.5	18
110	The use of nanoparticulate delivery systems in metronomic chemotherapy. <i>Biomaterials</i> , 2013, 34, 3925-3937.	5.7	18
111	Quantitative imaging of light-triggered doxorubicin release. <i>Biomedical Optics Express</i> , 2015, 6, 3546.	1.5	18
112	Design of Hydrated Porphyrin-Phospholipid Bilayers with Enhanced Magnetic Resonance Contrast. <i>Small</i> , 2017, 13, 1602505.	5.2	18
113	Ingestible Contrast Agents for Gastrointestinal Imaging. <i>ChemBioChem</i> , 2019, 20, 462-473.	1.3	18
114	Lyophilized, antigen-bound liposomes with reduced MPLA and enhanced thermostability. <i>International Journal of Pharmaceutics</i> , 2020, 589, 119843.	2.6	18
115	A sulfobetaine zwitterionic polymer-drug conjugate for multivalent paclitaxel and gemcitabine co-delivery. <i>Biomaterials Science</i> , 2021, 9, 5000-5010.	2.6	18
116	Optically Controlled Pore Formation in Self-Sealing Giant Porphyrin Vesicles. <i>Small</i> , 2014, 10, 1184-1193.	5.2	17
117	Blood Interactions, Pharmacokinetics, and Depth-Dependent Ablation of Rat Mammary Tumors with Photoactivatable, Liposomal Doxorubicin. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 592-601.	1.9	17
118	Loading and releasing ciprofloxacin in photoactivatable liposomes. <i>Biochemical Engineering Journal</i> , 2019, 141, 43-48.	1.8	17
119	Microparticles: biogenesis, characteristics and intervention therapy for cancers in preclinical and clinical research. <i>Journal of Nanobiotechnology</i> , 2022, 20, 189.	4.2	17
120	Zwitterionic Cross-Linked Biodegradable Nanocapsules for Cancer Imaging. <i>Langmuir</i> , 2019, 35, 1440-1449.	1.6	16
121	A multifunctional biodegradable brush polymer-drug conjugate for paclitaxel/gemcitabine co-delivery and tumor imaging. <i>Nanoscale Advances</i> , 2019, 1, 2761-2771.	2.2	16
122	Surfactant-Stripped Pheophytin Micelles for Multimodal Tumor Imaging and Photodynamic Therapy. <i>ACS Applied Bio Materials</i> , 2019, 2, 544-554.	2.3	16
123	Facile formulation of a long-wavelength cyanine for optical imaging in the second near-infrared window. <i>Biomaterials Science</i> , 2020, 8, 4199-4205.	2.6	16
124	Peptide hydrogels loaded with irradiated tumor cell secretions enhance cancer immunotherapy. <i>Nano Today</i> , 2021, 41, 101323.	6.2	16
125	Porphyrins and Phthalocyanines for Theranostics. <i>Theranostics</i> , 2012, 2, 815-816.	4.6	15
126	A liposome-displayed hemagglutinin vaccine platform protects mice and ferrets from heterologous influenza virus challenge. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	15

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127	Engineered Nanoparticle Applications for Recombinant Influenza Vaccines. <i>Molecular Pharmaceutics</i> , 2021, 18, 576-592.	2.3	14
128	Targeted Micellar Phthalocyanine for Lymph Node Metastasis Homing and Photothermal Therapy in an Orthotopic Colorectal Tumor Model. <i>Nano-Micro Letters</i> , 2021, 13, 145.	14.4	14
129	Programmed Nanoparticle Aggregation Using Molecular Beacons. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7917-7919.	7.2	13
130	Ingestible roasted barley for contrast-enhanced photoacoustic imaging in animal and human subjects. <i>Biomaterials</i> , 2018, 175, 72-81.	5.7	13
131	An Engineered Biomimetic MPER Peptide Vaccine Induces Weakly HIV Neutralizing Antibodies in Mice. <i>Annals of Biomedical Engineering</i> , 2020, 48, 1991-2001.	1.3	13
132	A dual-channel endoscope for quantitative imaging, monitoring, and triggering of doxorubicin release from liposomes in living mice. <i>Scientific Reports</i> , 2017, 7, 15578.	1.6	12
133	Experimental and Computational Observations of Immunogenic Cobalt Porphyrin Lipid Bilayers: Nanodomain-Enhanced Antigen Association. <i>Pharmaceutics</i> , 2021, 13, 98.	2.0	12
134	Surfactant-Stripped Micelles with Aggregation-Induced Enhanced Emission for Bimodal Gut Imaging In Vivo and Microbiota Tagging Ex Vivo. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100356.	3.9	12
135	Light-Triggered Release of Large Biomacromolecules from Porphyrin-Phospholipid Liposomes. <i>Langmuir</i> , 2021, 37, 10859-10865.	1.6	12
136	Elucidating functional epitopes within the N-terminal region of malaria transmission blocking vaccine antigen Pfs230. <i>Npj Vaccines</i> , 2022, 7, 4.	2.9	12
137	A quenched binuclear ruthenium(II) dimer activated by another photosensitizer. <i>Chemical Communications</i> , 2014, 50, 3231-3233.	2.2	11
138	Relieving immunosuppression during long-term anti-angiogenesis therapy using photodynamic therapy and oxygen delivery. <i>Nanoscale</i> , 2020, 12, 14788-14800.	2.8	11
139	Design of a Thiol-Responsive, Traceless Prodrug with Rapid Self-Immolation for Cancer Chemotherapy. <i>ACS Applied Bio Materials</i> , 2021, 4, 4982-4989.	2.3	11
140	One Minute, Sub-One-Watt Photothermal Tumor Ablation Using Porphysomes, Intrinsic Multifunctional Nanovesicles. <i>Journal of Visualized Experiments</i> , 2013, , e50536.	0.2	10
141	$^{99\text{m}}\text{Tc}$ -labeled porphyrin-lipid nanovesicles. <i>Journal of Liposome Research</i> , 2015, 25, 101-106.	1.5	10
142	Sulfonated Polyethylenimine for Photosensitizer Conjugation and Targeting. <i>Bioconjugate Chemistry</i> , 2015, 26, 1633-1639.	1.8	9
143	Detection of Sunlight Exposure with Solar-Sensitive Liposomes that Capture and Release Food Dyes. <i>ACS Applied Nano Materials</i> , 2018, 1, 2739-2747.	2.4	9
144	Antigen Engineering Approaches for Lyme Disease Vaccines. <i>Bioconjugate Chemistry</i> , 2019, 30, 1259-1272.	1.8	9

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145	A surfactant-stripped cabazitaxel micelle formulation optimized with accelerated storage stability. <i>Pharmaceutical Development and Technology</i> , 2020, 25, 1281-1288.	1.1	9
146	Excretable, ultrasmall hexagonal NaGdF ₄ :Yb50% nanoparticles for bimodal imaging and radiosensitization. <i>Cancer Nanotechnology</i> , 2021, 12, 4.	1.9	9
147	Sound Out the Deep Colors: Photoacoustic Molecular Imaging at New Depths. <i>Molecular Imaging</i> , 2020, 19, 153601212098151.	0.7	9
148	Irradiation conditioning of adjuvanted, autologous cancer cell membrane nanoparticle vaccines. <i>Chemical Engineering Journal</i> , 2022, 433, 134437.	6.6	9
149	Single-treatment tumor ablation with photodynamic liposomal irinotecan sucrosulfate. <i>Translational Oncology</i> , 2022, 19, 101390.	1.7	9
150	Organic Fluorescent Probes for Diagnostics and Bio-Imaging. <i>Topics in Medicinal Chemistry</i> , 2019, , 33-53.	0.4	8
151	Singlet oxygen partition between the outer-, inner- and membrane-phases of photo/chemotherapeutic liposomes. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 25054-25064.	1.3	8
152	Local biomaterial-assisted antitumour immunotherapy for effusions in the pleural and peritoneal cavities caused by malignancies. <i>Biomaterials Science</i> , 2021, 9, 6381-6390.	2.6	8
153	Anti-cancer liposomal chemophototherapy using bilayer-localized photosensitizer and cabazitaxel. <i>Nano Research</i> , 2022, 15, 4302-4309.	5.8	8
154	Bimodal Targeting Using Sulfonated, Mannosylated <sc>PEI</sc> for Combined Gene Delivery and Photodynamic Therapy. <i>Photochemistry and Photobiology</i> , 2017, 93, 600-608.	1.3	7
155	Adjuvant and Antigen Systems for Malaria Transmission-Blocking Vaccines. <i>Advanced Biology</i> , 2018, 2, 1800011.	3.0	7
156	Surfactant-Stripped Cabazitaxel Micelles Stabilized by Clotrimazole or Mifepristone. <i>Advanced Therapeutics</i> , 2020, 3, 1900161.	1.6	7
157	<i>In silico</i> and <i>in vitro</i> design of cordycepin encapsulation in liposomes for colon cancer treatment. <i>RSC Advances</i> , 2021, 11, 8475-8484.	1.7	7
158	Immunization with short peptide particles reveals a functional CD8⁺ T-cell neoepitope in a murine renal carcinoma model. , 2021, 9, e003101.		7
159	Magnetic Metal Micelles for Enhanced Delivery of Self-Immolating CD8⁺ T-Cell Epitopes for Cancer Immunotherapy. <i>Chemistry of Materials</i> , 2021, 33, 9780-9794.	3.2	7
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