

Jonathan P May

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

970
citations

516215

16
h-index

580395

25
g-index

37
all docs

37
docs citations

37
times ranked

1550
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring the size of ultrasound responsive lipid-shelled nanodroplets by varying production parameters and environmental conditions. <i>Ultrasonics Sonochemistry</i> , 2021, 73, 105482.	3.8	13
2	Investigation of the Acoustic Vaporization Threshold of Lipid-Coated Perfluorobutane Nanodroplets Using Both High-Speed Optical Imaging and Acoustic Methods. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 1826-1843.	0.7	21
3	Development of a Nanodroplet Formulation for Triggered Release of BIO for Bone Fracture Healing. <i>Proceedings (mdpi)</i> , 2020, 78, .	0.2	0
4	Photoacoustic signal characterization of cancer treatment response: Correlation with changes in tumor oxygenation. <i>Photoacoustics</i> , 2017, 5, 25-35.	4.4	44
5	Cancer treatment response evaluation using photoacoustic signal envelop statistics: A preliminary study. , 2016, , .		1
6	Photoacoustic radiofrequency spectroscopy for monitoring cancer treatment response. , 2016, , .		0
7	Monitoring cancer treatment response using photoacoustic and ultrasound spectral analysis in combination with oxygenation measurements (Conference Presentation). , 2016, , .		0
8	Synthesis of a Gemcitabine Prodrug for Remote Loading into Liposomes and Improved Therapeutic Effect. <i>Bioconjugate Chemistry</i> , 2016, 27, 226-237.	1.8	17
9	Photoacoustic Imaging of Cancer Treatment Response: Early Detection of Therapeutic Effect from Thermosensitive Liposomes. <i>PLoS ONE</i> , 2016, 11, e0165345.	1.1	30
10	Synthesis of a Cytotoxic Amanitin for Biorthogonal Conjugation. <i>ChemBioChem</i> , 2015, 16, 1420-1425.	1.3	26
11	A Study of Liposomal Formulations to Improve the Delivery of Aquated Cisplatin to a Multidrug Resistant Tumor. <i>Pharmaceutical Research</i> , 2015, 32, 3261-3268.	1.7	6
12	Probing the in vivo changes in oxygen saturation with photoacoustic imaging as a non-invasive means of assessing treatment progression. <i>Proceedings of SPIE</i> , 2015, , .	0.8	2
13	Longitudinal monitoring of oxygen saturation with photoacoustic imaging. , 2014, , .		2
14	Recent progress in the development of polysaccharide conjugates of docetaxel and paclitaxel. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2014, 6, 349-368.	3.3	17
15	Abstract LB-165: Early detection of the therapeutic effect in tumors treated with a thermosensitive liposome (TSL) using noninvasive ultrasound and photoacoustic imaging. , 2014, , .		0
16	Hyperthermia-induced drug targeting. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 511-527.	2.4	189
17	Thermosensitive Liposomes for the Delivery of Gemcitabine and Oxaliplatin to Tumors. <i>Molecular Pharmaceutics</i> , 2013, 10, 4499-4508.	2.3	47
18	Immune responses of therapeutic lipid nanoparticles. <i>Nanotechnology Reviews</i> , 2013, 2, 201-213.	2.6	28

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19	Stereoselective Synthesis of Brevianamide E. <i>Organic Letters</i> , 2012, 14, 90-93.	2.4	34
20	A thermosensitive liposome prepared with a Cu ²⁺ gradient demonstrates improved pharmacokinetics, drug delivery and antitumor efficacy. <i>Journal of Controlled Release</i> , 2012, 161, 142-149.	4.8	76
21	Thermosensitive Liposomes in Cancer Therapy. <i>Recent Patents on Biomedical Engineering</i> , 2012, 5, 148-158.	0.5	6
22	MRI monitoring of intratumoral drug delivery and prediction of the therapeutic effect with a multifunctional thermosensitive liposome. <i>Biomaterials</i> , 2011, 32, 6570-6578.	5.7	186
23	Ultrasound drug targeting to tumors with thermosensitive liposomes. , 2011, , .		3
24	Intraannular Savigne-Fontana Reaction: One-Step Conversion of One Class of Monocyclic Peptides into Another Class of Bicyclic Peptides. <i>Chemistry - A European Journal</i> , 2008, 14, 3404-3409.	1.7	27
25	Synthesis, Characterisation, and In Vitro Evaluation of Pro ² -He ³ -Deoxy-Amaninamide and Pro ² -scp ^D -allo ³ -He ³ -Deoxy-Amaninamide: Implications for Structure-Activity Relationships in Amanitin Conformation and Toxicity. <i>Chemistry - A European Journal</i> , 2008, 14, 3410-3417.		17
26	Tryptathionine bridges in peptide synthesis. <i>Biopolymers</i> , 2007, 88, 714-724.	1.2	35
27	A Mild Acidic Method for the Selective Deprotection of N1-trityl-3a-hydroxypyrrolo[2,3-b]indole Derivatives. , 2006, , 216-217.		1
28	Diastereoselectivity in the Synthesis of syn-cis-3a-Hydroxypyrrolo[2,3-b]indoline N ¹ -Methyl-dipeptide Methyl Esters. <i>Synlett</i> , 2006, 2006, 3403-3406.	1.0	4
29	High Yielding Synthesis of 3a-Hydroxypyrrolo[2,3-b]indoline Dipeptide Methyl Esters: A Synthons for Expedient Introduction of the Hydroxypyrroloindoline Moiety into Larger Peptide-Based Natural Products and for the Creation of Tryptathionine Bridges. <i>Journal of Organic Chemistry</i> , 2005, 70, 8424-8430.	1.7	37
30	Synthesis and evaluation of a new non-fluorescent quencher in fluorogenic oligonucleotide probes for real-time PCR. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 2534.	1.5	18
31	Covalent Schiff Base Catalysis and Turnover by a DNAzyme: A Mg ²⁺ -Independent AP-Endonuclease Mimic. <i>Journal of the American Chemical Society</i> , 2004, 126, 4145-4156.	6.6	52
32	A new dark quencher for use in genetic analysis. <i>Chemical Communications</i> , 2003, , 970-971.	2.2	13
33	Synthesis of a modified thymidine monomer for site-specific incorporation of reporter groups into oligonucleotides. <i>Tetrahedron Letters</i> , 2001, 42, 2587-2591.	0.7	18