

Richard J Browning

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6950408/publications.pdf>

Version: 2024-02-01

23
papers

915
citations

686830

13
h-index

713013

21
g-index

23
all docs

23
docs citations

23
times ranked

1591
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasound-Mediated Gemcitabine Delivery Reduces the Normal-Tissue Toxicity of Chemoradiation Therapy in a Muscle-Invasive Bladder Cancer Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 1472-1482.	0.4	8
2	Evaluation of Loading Strategies to Improve Tumor Uptake of Gemcitabine in a Murine Orthotopic Bladder Cancer Model Using Ultrasound and Microbubbles. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 1596-1615.	0.7	4
3	Scaleable production of microbubbles using an ultrasound-modulated microfluidic device. <i>Journal of the Acoustical Society of America</i> , 2021, 150, 1577-1589.	0.5	17
4	Ultrasound-Triggered Delivery of Iproplatin from Microbubble-Conjugated Liposomes. <i>ChemistryOpen</i> , 2021, 10, 1170-1176.	0.9	11
5	Spectral Imaging for Microbubble Characterization. <i>Langmuir</i> , 2020, 36, 609-617.	1.6	6
6	Mouse Models of Muscle-invasive Bladder Cancer: Key Considerations for Clinical Translation Based on Molecular Subtypes. <i>European Urology Oncology</i> , 2019, 2, 239-247.	2.6	6
7	The Role of PEG-40-stearate in the Production, Morphology, and Stability of Microbubbles. <i>Langmuir</i> , 2019, 35, 10014-10024.	1.6	19
8	A versatile method for the preparation of particle-loaded microbubbles for multimodality imaging and targeted drug delivery. <i>Drug Delivery and Translational Research</i> , 2018, 8, 342-356.	3.0	37
9	Microbubble-Mediated Delivery for Cancer Therapy. <i>Fluids</i> , 2018, 3, 74.	0.8	10
10	Performance of novel high throughput multi electrospray systems for forming of polymeric micro/nanoparticles. <i>Materials and Design</i> , 2017, 126, 73-84.	3.3	54
11	Drug Delivery Strategies for Platinum-Based Chemotherapy. <i>ACS Nano</i> , 2017, 11, 8560-8578.	7.3	172
12	Spectral imaging toolbox: segmentation, hyperstack reconstruction, and batch processing of spectral images for the determination of cell and model membrane lipid order. <i>BMC Bioinformatics</i> , 2017, 18, 254.	1.2	23
13	Characterization of Contrast Agent Microbubbles for Ultrasound Imaging and Therapy Research. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2017, 64, 232-251.	1.7	48
14	Electrohydrodynamic fabrication of core-shell PLGA nanoparticles with controlled release of cisplatin for enhanced cancer treatment. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 3913-3926.	3.3	39
15	Electrohydrodynamic encapsulation of cisplatin in poly (lactic-co-glycolic acid) nanoparticles for controlled drug delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 1919-1929.	1.7	64
16	Facile and cost-effective production of microscale PDMS architectures using a combined micromilling-replica moulding (1/4Mi-REM) technique. <i>Biomedical Microdevices</i> , 2016, 18, 4.	1.4	36
17	In Vivo Acoustic Super-Resolution and Super-Resolved Velocity Mapping Using Microbubbles. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 433-440.	5.4	315
18	Prospects for enhancement of targeted radionuclide therapy of cancer using ultrasound. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2014, 57, 279-284.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Effect of Albumin and Dextrose Concentration on Ultrasound and Microbubble Mediated Gene Transfection In Vivo. <i>Ultrasound in Medicine and Biology</i> , 2012, 38, 1067-1077.	0.7	14
20	Albumin Coated Microbubble Optimization: Custom Fabrication and Comprehensive Characterization. <i>Ultrasound in Medicine and Biology</i> , 2012, 38, 1599-1607.	0.7	4
21	The effect of glucosamine on the acoustic and binding properties of albumin-based microbubbles (work in progress). , 2012, , .		0
22	Influence of Needle Gauge On In Vivo Ultrasound and Microbubble-Mediated Gene Transfection. <i>Ultrasound in Medicine and Biology</i> , 2011, 37, 1531-1537.	0.7	19
23	Enhanced gene transfection in vivo using magnetic localisation of ultrasound contrast agents: Preliminary results. , 2010, , .		8