

Christopher R Dillon

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

181
citations

1306789

7
h-index

1058022

14
g-index

14
all docs

14
docs citations

14
times ranked

306
citing authors

#	ARTICLE	IF	CITATIONS
1	Focused ultrasound-mediated drug delivery to pancreatic cancer in a mouse model. <i>Journal of Therapeutic Ultrasound</i> , 2013, 1, 11.	2.2	37
2	High intensity focused ultrasound hyperthermia for enhanced macromolecular delivery. <i>Journal of Controlled Release</i> , 2016, 241, 186-193.	4.8	36
3	Enhanced efficacy of combination heat shock targeted polymer therapeutics with high intensity focused ultrasound. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1235-1243.	1.7	20
4	Phase aberration simulation study of MRgFUS breast treatments. <i>Medical Physics</i> , 2016, 43, 1374-1384.	1.6	17
5	The accuracy and precision of two non-invasive, magnetic resonance-guided focused ultrasound-based thermal diffusivity estimation methods. <i>International Journal of Hyperthermia</i> , 2014, 30, 362-371.	1.1	15
6	Development and validation of a MRgHIFU non-invasive tissue acoustic property estimation technique. <i>International Journal of Hyperthermia</i> , 2016, 32, 723-734.	1.1	11
7	Experimental assessment of phase aberration correction for breast MRgFUS therapy. <i>International Journal of Hyperthermia</i> , 2018, 34, 731-743.	1.1	9
8	Thermal diffusivity and perfusion constants from <i>in vivo</i> MR-guided focussed ultrasound treatments: a feasibility study. <i>International Journal of Hyperthermia</i> , 2018, 34, 352-362.	1.1	7
9	Validation of hybrid angular spectrum acoustic and thermal modelling in phantoms. <i>International Journal of Hyperthermia</i> , 2018, 35, 578-590.	1.1	7
10	Effect of k -space weighted image contrast and ultrasound focus size on the accuracy of proton resonance frequency thermometry. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 247-257.	1.9	7
11	Magnetic resonance temperature imaging based quantification of blood flow related energy losses. <i>NMR in Biomedicine</i> , 2015, 28, 840-851.	1.6	6
12	Model predictive filtering MR thermometry: Effects of model inaccuracies, k -space reduction factor, and temperature increase rate. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 207-216.	1.9	4
13	A tissue preparation to characterize uterine fibroid tissue properties for thermal therapies. <i>Medical Physics</i> , 2019, 46, 3344-3355.	1.6	3
14	Design and evaluation of an open-source, conformable skin-cooling system for body magnetic resonance guided focused ultrasound treatments. <i>International Journal of Hyperthermia</i> , 2021, 38, 679-690.	1.1	2