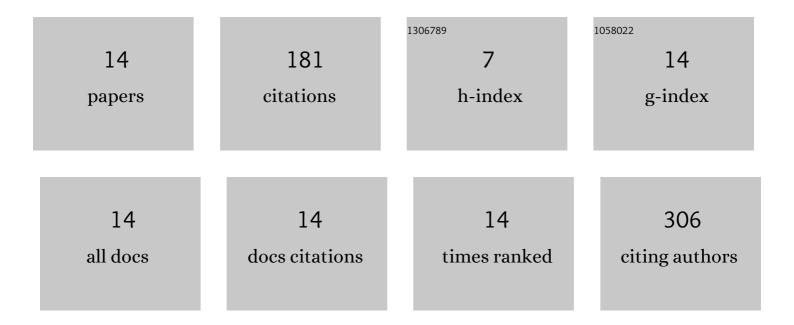
Christopher R Dillon

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Focused ultrasound-mediated drug delivery to pancreatic cancer in a mouse model. Journal of Therapeutic Ultrasound, 2013, 1, 11. | 2.2 | 37 |
| 2 | High intensity focused ultrasound hyperthermia for enhanced macromolecular delivery. Journal of Controlled Release, 2016, 241, 186-193. | 4.8 | 36 |
| 3 | Enhanced efficacy of combination heat shock targeted polymer therapeutics with high intensity focused ultrasound. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 1235-1243. | 1.7 | 20 |
| 4 | Phase aberration simulation study of MRgFUS breast treatments. Medical Physics, 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. International Journal of Hyperthermia, 2014, 30, 362-371. | 1.1 | 15 |
| 6 | Development and validation of a MRgHIFU non-invasive tissue acoustic property estimation technique. International Journal of Hyperthermia, 2016, 32, 723-734. | 1.1 | 11 |
| 7 | Experimental assessment of phase aberration correction for breast MRgFUS therapy. International Journal of Hyperthermia, 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. International Journal of Hyperthermia, 2018, 34, 352-362. | 1.1 | 7 |
| 9 | Validation of hybrid angular spectrum acoustic and thermal modelling in phantoms. International Journal of Hyperthermia, 2018, 35, 578-590. | 1.1 | 7 |
| 10 | Effect of kâ€spaceâ€weighted image contrast and ultrasound focus size on the accuracy of proton resonance frequency thermometry. Magnetic Resonance in Medicine, 2019, 81, 247-257. | 1.9 | 7 |
| 11 | Magnetic resonance temperature imagingâ€based quantification of blood flowâ€related energy losses. NMR in Biomedicine, 2015, 28, 840-851. | 1.6 | 6 |
| 12 | Model predictive filtering MR thermometry: Effects of model inaccuracies, kâ€space reduction factor, and temperature increase rate. Magnetic Resonance in Medicine, 2016, 75, 207-216. | 1.9 | 4 |
| 13 | A tissue preparation to characterize uterine fibroid tissue properties for thermal therapies. Medical Physics, 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. International Journal of Hyperthermia, 2021, 38, 679-690. | 1.1 | 2 |