Ari Partanen

List of Publications by Year
in descending order

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27	931	623188	642321
papers	citations	14	23
		h-index	g-index

27	27	27	1058
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Imaging, Pathology, and Immune Correlates in the Woodchuck Hepatic Tumor Model. Journal of Hepatocellular Carcinoma, 2021, Volume 8, 71-83.	1.8	4
2	Characterization of magnetic resonance-guided high-intensity focused ultrasound (MRgHIFU)-induced large-volume hyperthermia in deep and superficial targets in a porcine model. International Journal of Hyperthermia, 2020, 37, 1159-1173.	1.1	4
3	Ovarian teratoma in a woodchuck (Marmota monax) with hepatocellular carcinoma: radiologic and pathologic features. BMC Veterinary Research, 2020, 16, 451.	0.7	1
4	Liver-specific 3D sectioning molds for correlating in vivo CT and MRI with tumor histopathology in woodchucksÂ(Marmota monax). PLoS ONE, 2020, 15, e0230794.	1.1	7
5	Tissue-mimicking thermochromic phantom for characterization of HIFU devices and applications. International Journal of Hyperthermia, 2019, 36, 517-528.	1.1	34
6	Magnetic Resonance Imagingâ€“guided High-intensity Focused Ultrasound Applications in Pediatrics. Topics in Magnetic Resonance Imaging, 2018, 27, 45-51.	0.7	10
7	Mechanical fractionation of tissues using microsecond-long HIFU pulses on a clinical MR-HIFU system. International Journal of Hyperthermia, 2018, 34, 1213-1224.	1.1	23
8	Technical aspects of osteoid osteoma ablation in children using MR-guided high intensity focussed ultrasound. International Journal of Hyperthermia, 2018, 34, 49-58.	1.1	24
9	Feasibility of targeting canine soft tissue sarcoma with MR-guided high-intensity focused ultrasound. International Journal of Hyperthermia, 2018, 35, 205-215.	1.1	7
10	Comparison of Noninvasive High-Intensity Focused Ultrasound with Radiofrequency Ablation of Osteoid Osteoma. Journal of Pediatrics, 2017, 190, 222-228.e1.	0.9	42
11	Boiling histotripsy lesion characterization on a clinical magnetic resonance imaging-guided high intensity focused ultrasound system. PLoS ONE, 2017, 12, e0173867.	1.1	32
12	Evaluation of a tissueâ€mimicking thermochromic phantom for radiofrequency ablation. Medical Physics, 2016, 43, 4304-4311.	1.6	28
13	A simple method for determining the coagulation threshold temperature of transparent tissueâ€mimicking thermal therapy gel phantoms: Validated by magnetic resonance imaging thermometry. Medical Physics, 2016, 43, 1167-1174.	1.6	7
14	Thermochromic tissue-mimicking phantom for optimisation of thermal tumour ablation. International Journal of Hyperthermia, 2016, 32, 239-243.	1.1	46
15	Magnetic Resonance-Guided Drug Delivery. Magnetic Resonance Imaging Clinics of North America, 2015, 23, 643-655.	0.6	13
16	Reduction of peak acoustic pressure and shaping of heated region by use of multifoci sonications in MRâ€guided highâ€intensity focused ultrasound mediated mild hyperthermia. Medical Physics, 2013, 40, 013301.	1.6	45
17	Non-invasive estimation of thermal tissue properties by high-intensity focused ultrasound. , 2013, , .		0
18	Characterization of nonlinear ultrasound fields of 2D therapeutic arrays. , 2012, 2012, 1-4.		6

#	Article	IF	Citations
19	Safety limitations of MRâ€HIFU treatment near interfaces: a phantom validation. Journal of Applied Clinical Medical Physics, 2012, 13, 168-175.	0.8	14
20	Mild hyperthermia with magnetic resonance-guided high-intensity focused ultrasound for applications in drug delivery. International Journal of Hyperthermia, 2012, 28, 320-336.	1.1	119
21	Volumetric MR-HIFU ablation of uterine fibroids: Role of treatment cell size in the improvement of energy efficiency. European Journal of Radiology, 2012, 81, 3652-3659.	1.2	77
22	Targeted drug delivery by high intensity focused ultrasound mediated hyperthermia combined with temperature-sensitive liposomes: Computational modelling and preliminary in vivovalidation. International Journal of Hyperthermia, 2012, 28, 337-348.	1.1	127
23	Image-guided drug delivery with magnetic resonance guided high intensity focused ultrasound and temperature sensitive liposomes in a rabbit Vx2 tumor model. Journal of Controlled Release, 2012, 158, 487-494.	4.8	242
24	Computational modeling of high-intensity focused ultrasound mediated drug delivery. Proceedings of SPIE, 2011, , .	0.8	1
25	MR Monitoring of the Near-Field HIFU Heating. , 2009, , .		2
26	Feasibility of Agar-Silica Phantoms in Quality Assurance of MRgHIFU. AIP Conference Proceedings, 2009, , .	0.3	16
27	Agar-Silica-Gel Heating Phantom May Be Suitable for Long-Term Quality Assurance of MRgHIFU. , 2009, , .		0