

Yang Han

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

271
citations

1163117

8
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

371
citing authors

#	ARTICLE	IF	CITATIONS
1	An analytical model of full-field displacement and strain induced by amplitude-modulated focused ultrasound in harmonic motion imaging. <i>Physics in Medicine and Biology</i> , 2021, 66, 075017.	3.0	0
2	Prevalence and Temporal Trends Analysis of Screening and Diagnostic Instruments in Posttraumatic Stress Disorder: Text Mining Study. <i>JMIR Mental Health</i> , 2021, 8, e33599.	3.3	1
3	Harmonic Motion Imaging of Pancreatic Tumor Stiffness Indicates Disease State and Treatment Response. <i>Clinical Cancer Research</i> , 2020, 26, 1297-1308.	7.0	30
4	Focused ultrasound induced-blood-brain barrier opening in mouse brain receiving radiosurgery dose of radiation enhances local delivery of systemic therapy. <i>British Journal of Radiology</i> , 2020, 93, 20190214.	2.2	6
5	Amelioration of the nigrostriatal pathway facilitated by ultrasound-mediated neurotrophic delivery in early Parkinson's disease. <i>Journal of Controlled Release</i> , 2019, 303, 289-301.	9.9	50
6	Focused Ultrasound Steering for Harmonic Motion Imaging. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2018, 65, 292-294.	3.0	7
7	Non-invasive, Focused Ultrasound-Facilitated Gene Delivery for Optogenetics. <i>Scientific Reports</i> , 2017, 7, 39955.	3.3	53
8	Fast lesion mapping during HIFU treatment using harmonic motion imaging guided focused ultrasound (HMIgFUS) <i>in vitro</i> and <i>in vivo</i> . <i>Physics in Medicine and Biology</i> , 2017, 62, 3111-3123.	3.0	22
9	Notice of Removal: Imaging of tissue displacement during focused ultrasound neuromodulation in vivo. , 2017, , .		0
10	Notice of Removal: Pancreatic ductal adenocarcinoma detection and treatment monitoring in vivo and in post-surgical human specimens using Harmonic Motion Imaging (HMI). , 2017, , .		0
11	The effect of temperature dependent tissue parameters on acoustic radiation force induced displacements. <i>Physics in Medicine and Biology</i> , 2016, 61, 7427-7447.	3.0	24
12	Elasticity mapping of murine abdominal organs <i>in vivo</i> using harmonic motion imaging (HMI). <i>Physics in Medicine and Biology</i> , 2016, 61, 5741-5754.	3.0	22
13	Tumor characterization and treatment monitoring of postsurgical human breast specimens using harmonic motion imaging (HMI). <i>Breast Cancer Research</i> , 2016, 18, 46.	5.0	26
14	High intensity focused ultrasound as a tool for tissue engineering: Application to cartilage. <i>Medical Engineering and Physics</i> , 2016, 38, 192-198.	1.7	4
15	High intensity focused ultrasound (HIFU) focal spot localization using harmonic motion imaging (HMI). <i>Physics in Medicine and Biology</i> , 2015, 60, 5911-5924.	3.0	24
16	Harmonic motion imaging in abdominal tumor detection and HIFU ablation monitoring: A feasibility study in a transgenic mouse model of pancreatic cancer. , 2014, , .		2