

Yang Han

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

271
citations

1163117

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h-index

1199594

12
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16
all docs

16
docs citations

16
times ranked

371
citing authors

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