

Jason Chiang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

498
citations

840776

11
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

721
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave ablation in primary and secondary liver tumours: technical and clinical approaches. <i>International Journal of Hyperthermia</i> , 2017, 33, 15-24.	2.5	91
2	Computational modelling of microwave tumour ablations. <i>International Journal of Hyperthermia</i> , 2013, 29, 308-317.	2.5	76
3	Effects of Microwave Ablation on Arterial and Venous Vasculature after Treatment of Hepatocellular Carcinoma. <i>Radiology</i> , 2016, 281, 617-624.	7.3	42
4	Comparison of Laparoscopic Microwave to Radiofrequency Ablation of Small Hepatocellular Carcinoma (â‰ƒ3Åcm). <i>Annals of Surgical Oncology</i> , 2017, 24, 257-263.	1.5	41
5	Microwave ablation energy delivery: Influence of power pulsing on ablation results in an <i>ex vivo</i> and <i>in vivo</i> liver model. <i>Medical Physics</i> , 2014, 41, 123301.	3.0	39
6	Ablation treatment of primary and secondary liver tumors under contrast-enhanced ultrasound guidance in field practice of interventional ultrasound centers. A multicenter study. <i>European Journal of Radiology</i> , 2018, 105, 96-101.	2.6	37
7	Modeling and Validation of Microwave Ablations With Internal Vaporization. <i>IEEE Transactions on Biomedical Engineering</i> , 2015, 62, 657-663.	4.2	34
8	A Dual-Slot Microwave Antenna for More Spherical Ablation Zones: Ex Vivo and in Vivo Validation. <i>Radiology</i> , 2013, 268, 382-389.	7.3	30
9	Biopsy of Liver Target Lesions under Contrast-Enhanced Ultrasound Guidance â€” A Multi-Center Study. <i>Ultraschall in Der Medizin</i> , 2018, 39, 448-453.	1.5	29
10	Flow-dependent vascular heat transfer during microwave thermal ablation. , 2012, 2012, 5582-5.		23
11	Predictors of Thrombosis in Hepatic Vasculature during Microwave Tumor Ablation of an In Vivo Porcine Model. <i>Journal of Vascular and Interventional Radiology</i> , 2014, 25, 1965-1971.e2.	0.5	18
12	Use of Contrast-Enhanced Ultrasound in Ablation Therapy of HCC. <i>Journal of Ultrasound in Medicine</i> , 2021, 40, 879-894.	1.7	14
13	Potential Mechanisms of Vascular Thrombosis after Microwave Ablation in an In Vivo Liver. <i>Journal of Vascular and Interventional Radiology</i> , 2017, 28, 1053-1058.	0.5	7
14	Efficacy of a Lung-Tuned Monopole Antenna for Microwave Ablation: Analytical Solution and Validation in a Ventilator-Controlled Ex Vivo Porcine Lung Model. <i>IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology</i> , 2021, 5, 295-304.	3.4	4
15	4D Flow MR Imaging to Improve Microwave Ablation Prediction Models: A Feasibility Study in an In Vivo Porcine Liver. <i>Journal of Vascular and Interventional Radiology</i> , 2020, 31, 1691-1696.e1.	0.5	4
16	Case 286: Sarcoidlike Granulomatosis and Lymphadenopathyâ€”Thoracic Manifestations of Nivolumab Drug Toxicity. <i>Radiology</i> , 2021, 298, 471-475.	7.3	3
17	Contrast-Enhanced Ultrasound Findings in Patients with Rare Solitary Necrotic Nodule of the Liver â€” a Multicenter Report. <i>Ultraschall in Der Medizin</i> , 2021, , .	1.5	3
18	Hyperandrogenism and malignant degeneration of hepatic adenomas in the setting of Abernethy malformation. <i>Radiology Case Reports</i> , 2020, 15, 2701-2705.	0.6	2

#	ARTICLE	IF	CITATIONS
19	Prevention of Paradoxical Cerebral Embolus with Protection System during Combination Right Atrial Clot Aspiration Thrombectomy and Closure of Patent Foramen Ovale. The Arab Journal of Interventional Radiology, 0, 5, .	0.1	1
20	Case 286. Radiology, 2020, 297, 237-238.	7.3	0