

Christiaan G Overduin

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

317
citations

1039880

9
h-index

839398

18
g-index

23
all docs

23
docs citations

23
times ranked

531
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety aspects of the PiCCO thermodilution-cardiac output catheter during magnetic resonance imaging at 3T. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 141-145.	0.7	0
2	Optimised passive marker device visibility and automatic marker detection for 3-T MRI-guided endovascular interventions: a pulsatile flow phantom study. <i>European Radiology Experimental</i> , 2022, 6, 11.	1.7	1
3	Study Protocol PROMETHEUS: Prospective Multicenter Study to Evaluate the Correlation Between Safety Margin and Local Recurrence After Thermal Ablation Using Image Co-registration in Patients with Hepatocellular Carcinoma. <i>CardioVascular and Interventional Radiology</i> , 2022, 45, 606-612.	0.9	5
4	Current State of MRI-Guided Endovascular Arterial Interventions: A Systematic Review of Preclinical and Clinical Studies. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 1322-1342.	1.9	1
5	Intraprocedural MRI-based dosimetry during transarterial radioembolization of liver tumours with holmium-166 microspheres (EMERITUS-1): a phase I trial towards adaptive, image-controlled treatment delivery. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 4705-4715.	3.3	2
6	Laser Interstitial Thermal Therapy in Patients with Newly Diagnosed Glioblastoma: A Systematic Review. <i>Journal of Clinical Medicine</i> , 2021, 10, 355.	1.0	10
7	To 1000 Gy and back again: a systematic review on dose-response evaluation in selective internal radiation therapy for primary and secondary liver cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3776-3790.	3.3	25
8	Development of an MRI-Guided Approach to Selective Internal Radiation Therapy Using Holmium-166 Microspheres. <i>Cancers</i> , 2021, 13, 5462.	1.7	4
9	Focal Salvage MR Imaging-Guided Cryoablation for Localized Prostate Cancer Recurrence after Radiotherapy: 12-Month Follow-up. <i>Journal of Vascular and Interventional Radiology</i> , 2020, 31, 35-41.	0.2	22
10	Multiparametric Magnetic Resonance Imaging for the Detection of Clinically Significant Prostate Cancer: What Urologists Need to Know. Part 3: Targeted Biopsy. <i>European Urology</i> , 2020, 77, 481-490.	0.9	36
11	Effect of irreversible electroporation parameters and the presence of a metal stent on the electric field line pattern. <i>Scientific Reports</i> , 2020, 10, 13517.	1.6	8
12	Definitions of Computer-Assisted Surgery and Intervention, Image-Guided Surgery and Intervention, Hybrid Operating Room, and Guidance Systems. <i>Annals of Surgery Open</i> , 2020, 1, e021.	0.7	8
13	Multiparametric magnetic resonance imaging and follow-up to avoid prostate biopsy in 4259 men. <i>BJU International</i> , 2019, 124, 775-784.	1.3	31
14	MRI evaluation of vulvar squamous cell carcinoma in fresh radical local excision specimens for cancer localization and prediction of surgical tumor-free margins. <i>NMR in Biomedicine</i> , 2019, 32, e4025.	1.6	4
15	Fast 3-T MR-guided transrectal prostate biopsy using an in-room tablet device for needle guide alignment: a feasibility study. <i>European Radiology</i> , 2018, 28, 4824-4831.	2.3	1
16	Simultaneous slice excitation for accelerated passive marker tracking via phase-only cross correlation (POCC) in MR-guided needle interventions. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018, 31, 781-788.	1.1	4
17	Percutaneous MR-guided focal cryoablation for recurrent prostate cancer following radiation therapy: retrospective analysis of iceball margins and outcomes. <i>European Radiology</i> , 2017, 27, 4828-4836.	2.3	29
18	Percutaneous MR Imaging-Guided Cryoablation of Small Renal Masses in a 3-T Closed-Bore MR Imaging Environment: Initial Experience. <i>Journal of Vascular and Interventional Radiology</i> , 2017, 28, 1098-1107.e1.	0.2	7

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19	3D MR thermometry of frozen tissue: Feasibility and accuracy during cryoablation at 3T. Journal of Magnetic Resonance Imaging, 2016, 44, 1572-1579.	1.9	11
20	<i>T</i> -weighted MR image contrast around a cryoablation iceball: A phantom study and initial comparison with <i>in vivo</i> findings. Medical Physics, 2014, 41, 112301.	1.6	22
21	MRI-Guided Biopsy for Prostate Cancer Detection: A Systematic Review of Current Clinical Results. Current Urology Reports, 2013, 14, 209-213.	1.0	86
22	Magnetic Resonance Imaging-Guided Prostate Biopsy: How We Do It. Videourology (New Rochelle, N Y), 2013, 27, .	0.1	0