

# Martijn De Greef

## List of Publications by Year in descending order

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14  
papers

293  
citations

933447

10  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

422  
citing authors

#	ARTICLE	IF	CITATIONS
1	Specific absorption rate intersubject variability in 7T parallel transmit MRI of the head. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 1476-1485.	3.0	64
2	In vivo T2 -based MR thermometry in adipose tissue layers for high-intensity focused ultrasound near-field monitoring. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1057-1064.	3.0	53
3	A Clinically Feasible Treatment Protocol for Magnetic Resonance-Guided High-Intensity Focused Ultrasound Ablation in the Liver. <i>Investigative Radiology</i> , 2015, 50, 24-31.	6.2	31
4	FDTD simulations to assess the performance of CFMA-434 applicators for superficial hyperthermia. <i>International Journal of Hyperthermia</i> , 2009, 25, 462-476.	2.5	28
5	Influence of water and fat heterogeneity on fat-referenced MR thermometry. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1187-1197.	3.0	24
6	SAR deposition by curved CFMA-434 applicators for superficial hyperthermia: Measurements and simulations. <i>International Journal of Hyperthermia</i> , 2010, 26, 171-184.	2.5	18
7	Comparison of two different 70 MHz applicators for large extremity lesions: Simulation and application. <i>International Journal of Hyperthermia</i> , 2010, 26, 376-388.	2.5	12
8	Stochastic ray tracing for simulation of high intensity focal ultrasound therapy. <i>Journal of the Acoustical Society of America</i> , 2014, 136, 1430-1440.	1.1	12
9	Intrapleural Fluid Infusion for MR-Guided High-Intensity Focused Ultrasound Ablation in the Liver Dome. <i>Academic Radiology</i> , 2014, 21, 1597-1602.	2.5	11
10	Improved intercostal HIFU ablation using a phased array transducer based on Fermat's spiral and Voronoi tessellation: A numerical evaluation. <i>Medical Physics</i> , 2017, 44, 1071-1088.	3.0	11
11	Multi-gradient echo MR thermometry for monitoring of the near-field area during MR-guided high intensity focused ultrasound heating. <i>Physics in Medicine and Biology</i> , 2015, 60, 7729-7746.	3.0	10
12	Procedural sedation and analgesia for respiratory-gated MR-HIFU in the liver: a feasibility study. <i>Journal of Therapeutic Ultrasound</i> , 2016, 4, 19.	2.2	8
13	A flexible 70-MHz phase-controlled double waveguide system for hyperthermia treatment of superficial tumours with deep infiltration. <i>International Journal of Hyperthermia</i> , 2017, 33, 1-14.	2.5	7
14	Cavitation-Enhanced Back Projection for Acoustic Rib Detection and Attenuation Mapping. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 1726-1736.	1.5	4