Julian Haegele

List of Publications by Year
in descending order

14	549	840776 11	1125743 13
papers	citations	h-index	g-index

14	14	14	411
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Magnetic Particle Imaging: Visualization of Instruments for Cardiovascular Intervention. Radiology, 2012, 265, 933-938.	7.3	110
2	Fundamentals and applications of magnetic particle imaging. Journal of Cardiovascular Computed Tomography, 2012, 6, 149-153.	1.3	84
3	Magnetic particle imaging: Introduction to imaging and hardware realization. Zeitschrift Fur Medizinische Physik, 2012, 22, 323-334.	1.5	73
4	Magnetic Particle Imaging (MPI): Experimental Quantification of Vascular Stenosis Using Stationary Stenosis Phantoms. PLoS ONE, 2017, 12, e0168902.	2.5	57
5	Multi-color magnetic particle imaging for cardiovascular interventions. Physics in Medicine and Biology, 2016, 61, N415-N426.	3.0	46
6	Toward cardiovascular interventions guided by magnetic particle imaging: First instrument characterization. Magnetic Resonance in Medicine, 2013, 69, 1761-1767.	3.0	42
7	Magnetic Particle Imaging: A Resovist Based Marking Technology for Guide Wires and Catheters for Vascular Interventions. IEEE Transactions on Medical Imaging, 2016, 35, 2312-2318.	8.9	36
8	Magnetic particle imaging: kinetics of the intravascular signal in vivo. International Journal of Nanomedicine, 2014, 9, 4203.	6.7	28
9	Safety Measurements for Heating of Instruments for Cardiovascular Interventions in Magnetic Particle Imaging (MPI) - First Experiences. Journal of Healthcare Engineering, 2014, 5, 79-94.	1.9	26
10	First heating measurements of endovascular stents in magnetic particle imaging. Physics in Medicine and Biology, 2018, 63, 045005.	3.0	20
11	Magnetic Particle Imaging: Artifact-Free Metallic Stent Lumen Imaging in a Phantom Study. CardioVascular and Interventional Radiology, 2020, 43, 331-338.	2.0	12
12	Magnetic Particle Imaging: In vitro Signal Analysis and Lumen Quantification of 21 Endovascular Stents. International Journal of Nanomedicine, 2021, Volume 16, 213-221.	6.7	7
13	Heating of an Aortic Stent for Coarctation Treatment During Magnetic Particle Imaging and Magnetic Resonance Imagingâ€"A Comparative In Vitro Study. CardioVascular and Interventional Radiology, 2021, 44, 1109-1115.	2.0	7
14	Bimodal Interventional Instrument Markers for Magnetic Particle Imaging and Magnetic Resonance Imagingâ€"A Proof-of-Concept Study. Nanomaterials, 2022, 12, 1758.	4.1	1