

Julian Haegele

List of Publications by Year in descending order

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14
papers

549
citations

840776

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1125743

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14
times ranked

411
citing authors

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