

Hendrik Paysen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2421334/publications.pdf>

Version: 2024-02-01

14
papers

316
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

413
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular uptake of magnetic nanoparticles imaged and quantified by magnetic particle imaging. <i>Scientific Reports</i> , 2020, 10, 1922.	3.3	50
2	3D-printing of novel magnetic composites based on magnetic nanoparticles and photopolymers. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 469, 456-460.	2.3	39
3	Improved sensitivity and limit-of-detection using a receive-only coil in magnetic particle imaging. <i>Physics in Medicine and Biology</i> , 2018, 63, 13NT02.	3.0	35
4	Temperature dependence in magnetic particle imaging. <i>AIP Advances</i> , 2018, 8, .	1.3	29
5	Imaging and quantification of magnetic nanoparticles: Comparison of magnetic resonance imaging and magnetic particle imaging. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 475, 382-388.	2.3	26
6	Characterization of noise and background signals in a magnetic particle imaging system. <i>Physics in Medicine and Biology</i> , 2020, 65, 235031.	3.0	23
7	Towards quantitative magnetic particle imaging: A comparison with magnetic particle spectroscopy. <i>AIP Advances</i> , 2018, 8, .	1.3	21
8	Lissajous scanning magnetic particle imaging as a multifunctional platform for magnetic hyperthermia therapy. <i>Nanoscale</i> , 2020, 12, 18342-18355.	5.6	17
9	Ex vivo magnetic particle imaging of vascular inflammation in abdominal aortic aneurysm in a murine model. <i>Scientific Reports</i> , 2020, 10, 12410.	3.3	16
10	Quantification of Lipoprotein Uptake <i>in Vivo</i> Using Magnetic Particle Imaging and Spectroscopy. <i>ACS Nano</i> , 2021, 15, 434-446.	14.6	16
11	Evaluation of a separate-receive coil by magnetic particle imaging of a solid phantom. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 471, 444-449.	2.3	15
12	Characterizing a Preclinical Magnetic Particle Imaging System With Separate Pickup Coil. <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-5.	2.1	10
13	Continuously manufactured single-core iron oxide nanoparticles for cancer theranostics as valuable contribution in translational research. <i>Nanoscale Advances</i> , 2020, 2, 4510-4521.	4.6	10
14	Probing particle-matrix interactions during magnetic particle spectroscopy. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 475, 421-428.	2.3	9