

# Hendrik Paysen

## List of Publications by Year in descending order

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papers

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840776

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docs citations

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413  
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#	ARTICLE	IF	CITATIONS
1	Quantification of Lipoprotein Uptake <i>in Vivo</i> Using Magnetic Particle Imaging and Spectroscopy. ACS Nano, 2021, 15, 434-446.	14.6	16
2	Ex vivo magnetic particle imaging of vascular inflammation in abdominal aortic aneurysm in a murine model. Scientific Reports, 2020, 10, 12410.	3.3	16
3	Lissajous scanning magnetic particle imaging as a multifunctional platform for magnetic hyperthermia therapy. Nanoscale, 2020, 12, 18342-18355.	5.6	17
4	Continuously manufactured single-core iron oxide nanoparticles for cancer theranostics as valuable contribution in translational research. Nanoscale Advances, 2020, 2, 4510-4521.	4.6	10
5	Cellular uptake of magnetic nanoparticles imaged and quantified by magnetic particle imaging. Scientific Reports, 2020, 10, 1922.	3.3	50
6	Characterization of noise and background signals in a magnetic particle imaging system. Physics in Medicine and Biology, 2020, 65, 235031.	3.0	23
7	3D-printing of novel magnetic composites based on magnetic nanoparticles and photopolymers. Journal of Magnetism and Magnetic Materials, 2019, 469, 456-460.	2.3	39
8	Imaging and quantification of magnetic nanoparticles: Comparison of magnetic resonance imaging and magnetic particle imaging. Journal of Magnetism and Magnetic Materials, 2019, 475, 382-388.	2.3	26
9	Probing particle-matrix interactions during magnetic particle spectroscopy. Journal of Magnetism and Magnetic Materials, 2019, 475, 421-428.	2.3	9
10	Evaluation of a separate-receive coil by magnetic particle imaging of a solid phantom. Journal of Magnetism and Magnetic Materials, 2019, 471, 444-449.	2.3	15
11	Temperature dependence in magnetic particle imaging. AIP Advances, 2018, 8, .	1.3	29
12	Towards quantitative magnetic particle imaging: A comparison with magnetic particle spectroscopy. AIP Advances, 2018, 8, .	1.3	21
13	Improved sensitivity and limit-of-detection using a receive-only coil in magnetic particle imaging. Physics in Medicine and Biology, 2018, 63, 13NT02.	3.0	35
14	Characterizing a Preclinical Magnetic Particle Imaging System With Separate Pickup Coil. IEEE Transactions on Magnetics, 2017, 53, 1-5.	2.1	10