

# Maik Liebl

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15  
papers

130  
citations

6  
h-index

11  
g-index

18  
ext. papers

174  
ext. citations

2.6  
avg, IF

2.32  
L-index

#	Paper	IF	Citations
15	Flow cytometry for intracellular SPION quantification: specificity and sensitivity in comparison with spectroscopic methods. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 4185-201	7.3	53
14	Magnetorelaxometry procedures for quantitative imaging and characterization of magnetic nanoparticles in biomedical applications. <i>Biomedizinische Technik</i> , <b>2015</b> , 60, 427-43	1.3	19
13	Quantitative 2D Magnetorelaxometry Imaging of Magnetic Nanoparticles using Optically Pumped Magnetometers. <i>Sensors</i> , <b>2020</b> , 20,	3.8	13
12	Magnetorelaxometry for In-Vivo Quantification of Magnetic Nanoparticle Distributions after Magnetic Drug Targeting in a Rabbit Carcinoma Model. <i>Springer Proceedings in Physics</i> , <b>2012</b> , 301-305	0.2	8
11	Noninvasive monitoring of blood flow using a single magnetic microsphere. <i>Scientific Reports</i> , <b>2019</b> , 9, 5014	4.9	6
10	Quantitative reconstruction of a magnetic nanoparticle distribution using a non-negativity constraint. <i>Biomedizinische Technik</i> , <b>2013</b> , 58 Suppl 1,	1.3	6
9	Spatially Resolved Measurement of Magnetic Nanoparticles Using Inhomogeneous Excitation Fields in the Linear Susceptibility Range (. <i>Springer Proceedings in Physics</i> , <b>2012</b> , 295-300	0.2	5
8	Optimizing Excitation Coil Currents for Advanced Magnetorelaxometry Imaging. <i>Journal of Mathematical Imaging and Vision</i> , <b>2020</b> , 62, 238-252	1.6	5
7	Pulsed Optically Pumped Magnetometers: Addressing Dead Time and Bandwidth for the Unshielded Magnetorelaxometry of Magnetic Nanoparticles. <i>Sensors</i> , <b>2021</b> , 21,	3.8	4
6	Magnetic Particle Spectroscopy to Determine the Magnetic Drug Targeting Efficiency of Different Magnetic Nanoparticles in a Flow Phantom. <i>IEEE Transactions on Magnetism</i> , <b>2015</b> , 51, 1-4	2	3
5	Quantitative and binding-specific imaging of magnetic nanoparticle distributions <b>2015</b> ,		2
4	Magnetic relaxation of magnetic nanoparticles under the influence of shear flow. <i>Journal Physics D: Applied Physics</i> , <b>2019</b> , 52, 205002	3	2
3	Noise Power Properties of Magnetic Nanoparticles as Measured in Thermal Noise Magnetometry. <i>IEEE Access</i> , <b>2021</b> , 9, 111505-111517	3.5	2
2	Nonlinear Spectroscopic Characterization and Volterra Series Inspired Modeling of Magnetic Nanoparticles. <i>IEEE Transactions on Magnetism</i> , <b>2017</b> , 53, 1-12	2	1
1	Noninvasive quantification of magnetic nanoparticles by means of magnetorelaxometry. <i>Methods in Molecular Biology</i> , <b>2012</b> , 906, 253-61	1.4	1