

# Olaf Kosch

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5621593/publications.pdf>

Version: 2024-02-01

12  
papers

228  
citations

1040056

9  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

323  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | A dynamic bolus phantom for the evaluation of the spatio-temporal resolution of MPI scanners. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 519, 167446.                      | 2.3 | 1         |
| 2  | Magnetic separation of iron oxide nanoparticles to improve their application for magnetic particle imaging. <i>Physics in Medicine and Biology</i> , 2021, 66, 015002.                     | 3.0 | 14        |
| 3  | Tailored Magnetic Multicore Nanoparticles for Use as Blood Pool MPI Tracers. <i>Nanomaterials</i> , 2021, 11, 1532.  | 4.1 | 11        |
| 4  | 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        |
| 5  | In vivo magnetic particle imaging: angiography of inferior vena cava and aorta in rats using newly developed multicore particles. <i>Scientific Reports</i> , 2020, 10, 17247.             | 3.3 | 15        |
| 6  | 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        |
| 7  | MPI Phantom Study with A High-Performing Multicore Tracer Made by Coprecipitation. <i>Nanomaterials</i> , 2019, 9, 1466.   | 4.1 | 17        |
| 8  | 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        |
| 9  | 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        |
| 10 | Optimization of Iron Oxide Tracer Synthesis for Magnetic Particle Imaging. <i>Nanomaterials</i> , 2018, 8, 180.  | 4.1 | 23        |
| 11 | Novel magnetic multicore nanoparticles designed for MPI and other biomedical applications: From synthesis to first in vivo studies. <i>PLoS ONE</i> , 2018, 13, e0190214.                  | 2.5 | 61        |
| 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        |