Harald Kratz

List of Publications by Year
in descending order

14	312	933447 10	1058476 14
papers	citations	h-index	g-index

14	14	14	635
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel platform for the multidimensional analysis of magnetic nanoparticles. Journal of Magnetism and Magnetic Materials, 2021, 518, 167443.	2.3	6
2	Tailored Magnetic Multicore Nanoparticles for Use as Blood Pool MPI Tracers. Nanomaterials, 2021, 11, 1532.	4.1	11
3	In vivo magnetic particle imaging: angiography of inferior vena cava and aorta in rats using newly developed multicore particles. Scientific Reports, 2020, 10, 17247.	3.3	15
4	MPI Phantom Study with A High-Performing Multicore Tracer Made by Coprecipitation. Nanomaterials, 2019, 9, 1466.	4.1	17
5	Novel magnetic multicore nanoparticles designed for MPI and other biomedical applications: From synthesis to first in vivo studies. PLoS ONE, 2018, 13, e0190214.	2.5	61
6	Europium doping of superparamagnetic iron oxide nanoparticles enables their detection by fluorescence microscopy and for quantitative analytics. Technology and Health Care, 2017, 25, 457-470.	1.2	8
7	Labeling of mesenchymal stem cells for MRI with single-cell sensitivity. International Journal of Nanomedicine, 2016, 11, 1517.	6.7	26
8	Magnetic response of gelatin ferrogels across the solâ€“gel transition: the influence of high energy crosslinking on thermal stability. Soft Matter, 2016, 12, 3908-3918.	2.7	16
9	LA-ICP-MS Allows Quantitative Microscopy of Europium-Doped Iron Oxide Nanoparticles and is a Possible Alternative to Ambiguous Prussian Blue Iron Staining. Journal of Biomedical Nanotechnology, 2016, 12, 1001-1010.	1.1	36
10	Synthesis of acid-stabilized iron oxide nanoparticles and comparison for targeting atherosclerotic plaques: Evaluation by MRI, quantitative MPS, and TEM alternative to ambiguous Prussian blue iron staining. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 1085-1095.	3.3	36
11	XTEN-Annexin A5: XTEN Allows Complete Expression of Long-Circulating Protein-Based Imaging Probes as Recombinant Alternative to PEGylation. Journal of Nuclear Medicine, 2014, 55, 508-514.	5.0	24
12	Gadoliniumâ€containing magnetic resonance contrast media: investigation on the possible transchelation of Gd³⁺ to the glycosaminoglycan heparin. Contrast Media and Molecular Imaging, 2013, 8, 108-116.	0.8	29
13	Synthetic routes to magnetic nanoparticles for MPI. Biomedizinische Technik, 2013, 58, 509-15.	0.8	17
14	Straightforward thiol-mediated protein labelling with DTPA: Synthesis of a highly active 111In-annexin A5-DTPA tracer. EJNMMI Research, 2012, 2, 17.	2.5	10