

Harald Kratz

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

312
citations

933447

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1058476

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14
all docs

14
docs citations

14
times ranked

635
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Gadolinium-containing magnetic resonance contrast media: investigation on the possible transchelation of Gd ³⁺ to the glycosaminoglycan heparin. Contrast Media and Molecular Imaging, 2013, 8, 108-116.	0.8	29
5	Labeling of mesenchymal stem cells for MRI with single-cell sensitivity. International Journal of Nanomedicine, 2016, 11, 1517.	6.7	26
6	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
7	Synthetic routes to magnetic nanoparticles for MPI. Biomedizinische Technik, 2013, 58, 509-15.	0.8	17
8	MPI Phantom Study with A High-Performing Multicore Tracer Made by Coprecipitation. Nanomaterials, 2019, 9, 1466.	4.1	17
9	Magnetic response of gelatin ferrogels across the sol-gel transition: the influence of high energy crosslinking on thermal stability. Soft Matter, 2016, 12, 3908-3918.	2.7	16
10	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
11	Tailored Magnetic Multicore Nanoparticles for Use as Blood Pool MPI Tracers. Nanomaterials, 2021, 11, 1532.	4.1	11
12	Straightforward thiol-mediated protein labelling with DTPA: Synthesis of a highly active ¹¹¹ In-annexin A5-DTPA tracer. EJNMMI Research, 2012, 2, 17.	2.5	10
13	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
14	Novel platform for the multidimensional analysis of magnetic nanoparticles. Journal of Magnetism and Magnetic Materials, 2021, 518, 167443.	2.3	6