

Matthew Carroll

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7238802/publications.pdf>

Version: 2024-02-01

10
papers

422
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

787
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-fouling magnetic nanoparticles for siRNA delivery. <i>Journal of Materials Chemistry</i> , 2010, 20, 255-265.	6.7	123
2	Experimental validation of proton transverse relaxivity models for superparamagnetic nanoparticle MRI contrast agents. <i>Nanotechnology</i> , 2010, 21, 035103.	2.6	81
3	Stability of Polydimethylsiloxane-Magnetite Nanoparticle Dispersions Against Flocculation: Interparticle Interactions of Polydisperse Materials. <i>Langmuir</i> , 2008, 24, 5060-5069.	3.5	56
4	Size Analysis of PDMS-Magnetite Nanoparticle Complexes: Experiment and Theory. <i>Chemistry of Materials</i> , 2008, 20, 2184-2191.	6.7	47
5	The effect of polymer coatings on proton transverse relaxivities of aqueous suspensions of magnetic nanoparticles. <i>Nanotechnology</i> , 2011, 22, 325702.	2.6	37
6	Synthesis of "ready-to-adsorb" polymeric nanoshells for magnetic iron oxide nanoparticles via atom transfer radical polymerization. <i>Polymer</i> , 2011, 52, 1356-1366.	3.8	28
7	Quantitative produced water analysis using mobile ^1H NMR. <i>Measurement Science and Technology</i> , 2016, 27, 105501.	2.6	17
8	Labeling of cancer cells with magnetic nanoparticles for magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 1896-1905.	3.0	13
9	Nanostructure of PEO-polyurethane-PEO triblock copolymer micelles in water. <i>Journal of Colloid and Interface Science</i> , 2010, 344, 81-89.	9.4	10
10	NMR derived water content from high magnetic susceptibility rock cuttings. <i>Minerals Engineering</i> , 2018, 122, 211-219.	4.3	10