

Matthew Carroll

List of Publications by Year in descending order

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