Christoph Geers

List of Publications by Year
in descending order

14 papers	363 citations	1040056 9 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	754 citing authors

#	Article	IF	Citations
1	Avoiding drying-artifacts in transmission electron microscopy: Characterizing the size and colloidal state of nanoparticles. Scientific Reports, 2015, 5, 9793.	3.3	163
2	Preparation and characterization of functional silica hybrid magnetic nanoparticles. Journal of Magnetism and Magnetic Materials, 2014, 362, 72-79.	2.3	66
3	A new angle on dynamic depolarized light scattering: number-averaged size distribution of nanoparticles in focus. Nanoscale, 2016, 8, 15813-15821.	5.6	22
4	Dynamic and biocompatible thermo-responsive magnetic hydrogels that respond to an alternating magnetic field. Journal of Magnetism and Magnetic Materials, 2017, 427, 212-219.	2.3	22
5	Measuring the heating power of magnetic nanoparticles: an overview of currently used methods. Materials Today: Proceedings, 2017, 4, S107-S117.	1.8	15
6	Lock-In Thermography as an Analytical Tool for Magnetic Nanoparticles: Measuring Heating Power and Magnetic Fields. Journal of Physical Chemistry C, 2017, 121, 27164-27175.	3.1	15
7	Heating behavior of magnetic iron oxide nanoparticles at clinically relevant concentration. Journal of Magnetism and Magnetic Materials, 2019, 474, 637-642.	2.3	15
8	A comparative study of silver nanoparticle dissolution under physiological conditions. Nanoscale Advances, 2020, 2, 5760-5768.	4.6	13
9	Lock-in thermography as a rapid and reproducible thermal characterization method for magnetic nanoparticles. Journal of Magnetism and Magnetic Materials, 2017, 427, 206-211.	2.3	9
10	Lockâ€In Thermography to Analyze Plasmonic Nanoparticle Dispersions. Particle and Particle Systems Characterization, 2019, 36, 1900224.	2.3	8
11	Investigating a Lock-In Thermal Imaging Setup for the Detection and Characterization of Magnetic Nanoparticles. Nanomaterials, 2020, 10, 1665.	4.1	6
12	Rapid and sensitive quantification of cell-associated multi-walled carbon nanotubes. Nanoscale, 2020, 12, 17362-17372.	5.6	4
13	Experimental and Theoretical Validation of Plasmonic Nanoparticle Heat Generation by Using Lock-In Thermography. Journal of Physical Chemistry C, 2021, 125, 5890-5896.	3.1	4
14	Using Lock-In Thermography to Investigate Stimuli-Responsive Nanoparticles in Complex Environments. IEEE Instrumentation and Measurement Magazine, 2021, 24, 3-10.	1.6	1