

Christoph Geers

List of Publications by Year in descending order

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14
papers

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1040056

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citing authors

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