

Lukas Steinmetz

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

107
citations

1684188

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h-index

1372567

10
g-index

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all docs

10
docs citations

10
times ranked

160
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	Polydopamine Nanoparticle Doped Nanofluid for Solar Thermal Energy Collector Efficiency Increase. <i>Advanced Sustainable Systems</i> , 2020, 4, 1900101.	5.3	5
4	Rapid and sensitive quantification of cell-associated multi-walled carbon nanotubes. <i>Nanoscale</i> , 2020, 12, 17362-17372.	5.6	4
5	Investigating a Lock-In Thermal Imaging Setup for the Detection and Characterization of Magnetic Nanoparticles. <i>Nanomaterials</i> , 2020, 10, 1665.	4.1	6
6	A comparative study of silver nanoparticle dissolution under physiological conditions. <i>Nanoscale Advances</i> , 2020, 2, 5760-5768.	4.6	13
7	Lock-In Thermography to Analyze Plasmonic Nanoparticle Dispersions. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1900224.	2.3	8
8	Reduction of Nanoparticle Load in Cells by Mitosis but Not Exocytosis. <i>ACS Nano</i> , 2019, 13, 7759-7770.	14.6	42
9	Polydopamine/Transferrin Hybrid Nanoparticles for Targeted Cell-Killing. <i>Nanomaterials</i> , 2018, 8, 1065.	4.1	22