Laura MartÃ-nez Maestro

List of Publications by Year
in descending order

14 papers	2,905 citations	687363 13 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	3901 citing authors

#	Article	IF	Citations
1	Temperature Sensing Using Fluorescent Nanothermometers. ACS Nano, 2010, 4, 3254-3258.	14.6	1,284
2	NIR-to-NIR Two-Photon Excited CaF₂:Tm³⁺,Yb³⁺ Nanoparticles: Multifunctional Nanoprobes for Highly Penetrating Fluorescence Bio-Imaging. ACS Nano, 2011, 5, 8665-8671.	14.6	381
3	Subtissue Thermal Sensing Based on Neodymium-Doped LaF₃ Nanoparticles. ACS Nano, 2013, 7, 1188-1199.	14.6	338
4	CdSe Quantum Dots for Two-Photon Fluorescence Thermal Imaging. Nano Letters, 2010, 10, 5109-5115.	9.1	276
5	Fluorescent nanothermometers for intracellular thermal sensing. Nanomedicine, 2014, 9, 1047-1062.	3.3	117
6	Large-Area, Highly Uniform Evaporated Formamidinium Lead Triiodide Thin Films for Solar Cells. ACS Energy Letters, 2017, 2, 2799-2804.	17.4	116
7	Heating efficiency of multi-walled carbon nanotubes in the first and second biological windows. Nanoscale, 2013, 5, 7882.	5.6	106
8	Nanoparticles for highly efficient multiphoton fluorescence bioimaging. Optics Express, 2010, 18, 23544.	3.4	77
9	Quantum Dotâ€Based Thermal Spectroscopy and Imaging of Optically Trapped Microspheres and Single Cells. Small, 2013, 9, 2162-2170.	10.0	67
10	Fluorescent nanothermometers provide controlled plasmonic-mediated intracellular hyperthermia. Nanomedicine, 2013, 8, 379-388.	3.3	49
11	Quantum-dot based nanothermometry in optical plasmonic recording media. Applied Physics Letters, 2014, 105, 181110.	3.3	30
12	Gold nanorods for optimized photothermal therapy: the influence of irradiating in the first and second biological windows. RSC Advances, 2014, 4, 54122-54129.	3.6	29
13	Optimum quantum dot size for highly efficient fluorescence bioimaging. Journal of Applied Physics, 2012, 111, 023513.	2.5	27
14	Response to â€œCritical Growth Temperature of Aqueous CdTe Quantum Dots is Nonâ€negligible for their Application as Nanothermometersâ€• Small, 2013, 9, 3198-3200.	10.0	8