

# Laura MartÃ-nez Maestro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11863518/publications.pdf>

Version: 2024-02-01

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