HÃ©ctor RodrÃ-guez-RodrÃ-guez

List of Publications by Year
in descending order

10 papers	147 citations	1478505 6 h-index	1588992 8 g-index
10 all docs	10 docs citations	10 times ranked	263 citing authors

#	Article	IF	Citations
1	Assessing Single Upconverting Nanoparticle Luminescence by Optical Tweezers. Nano Letters, 2015, 15, 5068-5074.	9.1	56
2	Analysis of the upconversion process in Tm3+ doped glasses for enhancement of the photocurrent in silicon solar cells. Solar Energy Materials and Solar Cells, 2016, 144, 29-32.	6.2	24
3	Enhancing Optical Forces on Fluorescent Upâ€Converting Nanoparticles by Surface Charge Tailoring. Small, 2015, 11, 1555-1561.	10.0	21
4	Heat Generation in Single Magnetic Nanoparticles under Near-Infrared Irradiation. Journal of Physical Chemistry Letters, 2020, 11, 2182-2187.	4.6	16
5	Effect of substitution of lutetium by gadolinium on emission characteristics of (Lu_xGd_1-x)_2SiO_5: Sm^3+ single crystals. Optical Materials Express, 2014, 4, 739.	3.0	9
6	Photoluminescence Activation of Organic Dyes via Optically Trapped Quantum Dots. ACS Nano, 2019, 13, 7223-7230.	14.6	8
7	Luminescence Dynamics of Silica-Encapsulated Quantum Dots During Optical Trapping. Journal of Physical Chemistry C, 2017, 121, 10124-10130.	3.1	7
8	Optical Trapping of Single Nanostructures in a Weakly Focused Beam. Application to Magnetic Nanoparticles. Journal of Physical Chemistry C, 2018, 122, 18094-18101.	3.1	6
9	Optical trapping and luminescence of silica encapsulated quantum dots (Conference Presentation). , 2016, , .		0
10	Some aspects about time broadening in fluorescence up-conversion measurements. Review of Scientific Instruments, 2021, 92, 063003.	1.3	0