

# HÃ©ctor RodrÃ­-guez-RodrÃ­-guez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7495517/publications.pdf>

Version: 2024-02-01

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