Laura Francs-Soriano

List of Publications by Citations

26 papers	578 citations	11 h-index	23 g-index
31 ext. papers	685 ext. citations	7.2 avg, IF	4 L-index

#	Paper	IF	Citations
26	A broadening temperature sensitivity range with a core-shell YbEr@YbNd double ratiometric optical nanothermometer. *Nanoscale*, **2016**, 8, 5037-42	7.7	145
25	The Luminescence of CH NH PbBr Perovskite Nanoparticles Crests the Summit and Their Photostability under Wet Conditions is Enhanced. *Small*, **2016**, 12, 5245-5250	11	98
24	Upconversion Nanoparticles for Bioimaging and Regenerative Medicine. *Frontiers in Bioengineering and Biotechnology*, **2016**, 4, 47	5.8	61
23	Thin Amphiphilic Polymer-Capped Upconversion Nanoparticles: Enhanced Emission and Thermoresponsive Properties. *Chemistry of Materials*, **2014**, 26, 4014-4022	9.6	40
22	NIR excitation of upconversion nanohybrids containing a surface grafted Bodipy induces oxygen-mediated cancer cell death. *Journal of Materials Chemistry B*, **2014**, 2, 4554-4563	7.3	35
21	Efficient Cementing of CH3NH3PbBr3 Nanoparticles to Upconversion Nanoparticles Visualized by Confocal Microscopy. *Advanced Functional Materials*, **2016**, 26, 5131-5138	15.6	30
20	Nanohybrid for Photodynamic Therapy and Fluorescence Imaging Tracking without Therapy. *Chemistry of Materials*, **2018**, 30, 3677-3682	9.6	24
19	Cucurbit[n]uril-capped upconversion nanoparticles as highly emissive scaffolds for energy acceptors. *Nanoscale*, **2015**, 7, 5140-6	7.7	15
18	Upconversion in molecular hetero-nonanuclear lanthanide complexes in solution. *Chemical Communications*, **2021**, 57, 53-56	5.8	15
17	Upconversion nanoparticles with a strong acid-resistant capping. *Nanoscale*, **2016**, 8, 7588-94	7.7	14
16	O2(a1Δg) + Mg, Fe, and Ca: experimental kinetics and formulation of a weak collision, multiwell master equation with spin-hopping. *Journal of Chemical Physics*, **2012**, 137, 014310	3.9	14
15	Er-to-dye energy transfer in DNA-coated core and core/shell/shell upconverting nanoparticles with 980 nm and 808 nm excitation of Yb and Nd. *Analyst, The*, **2020**, 145, 2543-2553	5	11
14	CO2 switchable nanoparticles: reversible water/organic-phase exchange of gold nanoparticles by gas bubbling. *RSC Advances*, **2013**, 3, 4867	3.7	11
13	Breaking the Nd-sensitized upconversion nanoparticles myth about the need of onion-layered structures. *Nanoscale*, **2018**, 10, 12297-12301	7.7	10
12	Energy transfer in diiodoBodipy-grafted upconversion nanohybrids. *Nanoscale*, **2016**, 8, 204-8	7.7	9
11	Texture and Phase Recognition Analysis of βNaYF4 Nanocrystals. *Journal of Physical Chemistry C*, **2014**, 118, 11404-11408	3.8	7
10	Ultrabright Terbium Nanoparticles for FRET Biosensing and in Situ Imaging of Epidermal Growth Factor Receptors*. *Chemistry - A European Journal*, **2020**, 26, 14602-14611	4.8	6

List of Publications

9	Cooperative Luminescence and Cooperative Sensitisation Upconversion of Lanthanide Complexes in Solution. *Angewandte Chemie - International Edition*, **2021**,	16.4	6
8	Reversible phase transfer of quantum dots by gas bubbling. *Green Materials*, **2014**, 2, 62-68	3.2	5
7	DNA-Coated Upconversion Nanoparticles for Sensitive Nucleic Acid FRET Biosensing. *Advanced Functional Materials*,2201541	15.6	5
6	Rolling Circle Amplification Förster Resonance Energy Transfer (RCA-FRET) for Washing-Free Real-Time Single-Protein Imaging. *Analytical Chemistry*, **2021**, 93, 1842-1850	7.8	4
5	5 Synergistic Effects in Organic-Coated Upconversion Nanoparticles. *Nanomaterials and Their Applications*, **2016**, 101-138		4
4	Initial Biological Assessment of Upconversion Nanohybrids. *Biomedicines*, **2021**, 9,	4.8	3
3	NIR laser scanning microscopy for photophysical characterization of upconversion nanoparticles and nanohybrids. *Nanoscale*, **2021**, 13, 10067-10080	7.7	3
2	Near-infrared excitation/emission microscopy with lanthanide-based nanoparticles.. *Analytical and Bioanalytical Chemistry*, **2022**, 1	4.4	1
1	Energy transfer with nanoparticles for in vitro diagnostics. *Frontiers of Nanoscience*, **2020**, 16, 25-65	0.7	