Beatriz Lozano-Torres

List of Publications by Year in Descending Order

20 papers	508 citations	10 h-index	22 g-index
22 ext. papers	722 ext. citations	8.2 avg, IF	3.73 L-index

#	Paper	IF	Citations
20	A Nanoprobe Based on Gated Mesoporous Silica Nanoparticles for The Selective and Sensitive Detection of Benzene Metabolite t,t-Muconic Acid in Urine. *Chemistry - A European Journal*, **2021**, 27, 1306-1310	4.8	2
19	Chromo-fluorogenic probes for β-galactosidase detection. *Analytical and Bioanalytical Chemistry*, **2021**, 413, 2361-2388	4.4	6
18	Senolysis Reduces Senescence in Veins and Cancer Cell Migration. *Advanced Therapeutics*, **2021**, 4, 2100149	4.9	2
17	A Two-Photon Probe Based on Naphthalimide-Styrene Fluorophore for the Tracking of Cellular Senescence. *Analytical Chemistry*, **2021**, 93, 3052-3060	7.8	7
16	Electro-responsive films containing voltage responsive gated mesoporous silica nanoparticles grafted onto PEDOT-based conducting polymer. *Journal of Controlled Release*, **2020**, 323, 421-430	11.7	8
15	Real-Time In Vivo Detection of Cellular Senescence through the Controlled Release of the NIR Fluorescent Dye Nile Blue. *Angewandte Chemie*, **2020**, 132, 15264-15268	3.6	2
14	Real-Time In Vivo Detection of Cellular Senescence through the Controlled Release of the NIR Fluorescent Dye Nile Blue. *Angewandte Chemie - International Edition*, **2020**, 59, 15152-15156	16.4	14
13	Nanosensor for Sensitive Detection of the New Psychedelic Drug 25I-NBOMe. *Chemistry - A European Journal*, **2020**, 26, 2813-2816	4.8	5
12	Novel Probes and Carriers to Target Senescent Cells. *Healthy Ageing and Longevity*, **2020**, 163-180	0.5	0
11	Preclinical antitumor efficacy of senescence-inducing chemotherapy combined with a nanoSenolytic. *Journal of Controlled Release*, **2020**, 323, 624-634	11.7	27
10	Galacto-conjugation of Navitoclax as an efficient strategy to increase senolytic specificity and reduce platelet toxicity. *Aging Cell*, **2020**, 19, e13142	9.9	64
9	The chemistry of senescence. *Nature Reviews Chemistry*, **2019**, 3, 426-441	34.6	44
8	Overview of the Evolution of Silica-Based Chromo-Fluorogenic Nanosensors. *Sensors*, **2019**, 19,	3.8	10
7	Anilinopyridine-metal complexes for the selective chromogenic sensing of cyanide anion. *Journal of Coordination Chemistry*, **2018**, 71, 786-796	1.6	6
6	A versatile drug delivery system targeting senescent cells. *EMBO Molecular Medicine*, **2018**, 10,	12	108
5	Chromogenic and Fluorogenic Probes for the Detection of Illicit Drugs. *ChemistryOpen*, **2018**, 7, 401-428	2.3	19
4	Mesoporous silica materials for controlled delivery based on enzymes. *Journal of Materials Chemistry B*, **2017**, 5, 3069-3083	7.3	58

3	Pseudorotaxane capped mesoporous silica nanoparticles for 3,4-methylenedioxymethamphetamine (MDMA) detection in water. *Chemical Communications*, **2017**, 53, 3559-3562	5.8	18
2	An OFF-ON Two-Photon Fluorescent Probe for Tracking Cell Senescence in Vivo. *Journal of the American Chemical Society*, **2017**, 139, 8808-8811	16.4	97
1	Selective and Sensitive Chromogenic Detection of Trivalent Metal Cations in Water. *Bulletin of the Chemical Society of Japan*, **2016**, 89, 498-500	5.1	8