# Beatriz Lozano-Torres

## List of Publications by Citations



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|---|---|---|---|
| 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 versatile drug delivery system targeting senescent cells. *EMBO Molecular Medicine*, **2018**, 10, | 12 | 108 |
| 19 | 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 |
| 18 | Galacto-conjugation of Navitoclax as an efficient strategy to increase senolytic specificity and reduce platelet toxicity. *Aging Cell*, **2020**, 19, e13142 | 9.9 | 64 |
| 17 | Mesoporous silica materials for controlled delivery based on enzymes. *Journal of Materials Chemistry B*, **2017**, 5, 3069-3083 | 7.3 | 58 |
| 16 | The chemistry of senescence. *Nature Reviews Chemistry*, **2019**, 3, 426-441 | 34.6 | 44 |
| 15 | Preclinical antitumor efficacy of senescence-inducing chemotherapy combined with a nanoSenolytic. *Journal of Controlled Release*, **2020**, 323, 624-634 | 11.7 | 27 |
| 14 | Chromogenic and Fluorogenic Probes for the Detection of Illicit Drugs. *ChemistryOpen*, **2018**, 7, 401-428 | 2.3 | 19 |
| 13 | Pseudorotaxane capped mesoporous silica nanoparticles for 3,4-methylenedioxymethamphetamine (MDMA) detection in water. *Chemical Communications*, **2017**, 53, 3559-3562 | 5.8 | 18 |
| 12 | 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 |
| 11 | Overview of the Evolution of Silica-Based Chromo-Fluorogenic Nanosensors. *Sensors*, **2019**, 19, | 3.8 | 10 |
| 10 | 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 |
| 9 | 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 |
| 8 | A Two-Photon Probe Based on Naphthalimide-Styrene Fluorophore for the Tracking of Cellular Senescence. *Analytical Chemistry*, **2021**, 93, 3052-3060 | 7.8 | 7 |
| 7 | Anilinopyridine–metal complexes for the selective chromogenic sensing of cyanide anion. *Journal of Coordination Chemistry*, **2018**, 71, 786-796 | 1.6 | 6 |
| 6 | Chromo-fluorogenic probes for β-galactosidase detection. *Analytical and Bioanalytical Chemistry*, **2021**, 413, 2361-2388 | 4.4 | 6 |
| 5 | Nanosensor for Sensitive Detection of the New Psychedelic Drug 25I-NBOMe. *Chemistry - A European Journal*, **2020**, 26, 2813-2816 | 4.8 | 5 |
| 4 | 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 |

# List of Publications

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|---|---|---|---|
| 3 | 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 |
| 2 | Senolysis Reduces Senescence in Veins and Cancer Cell Migration. *Advanced Therapeutics*, **2021**, 4, 2100149 | 4.9 | 2 |
| 1 | Novel Probes and Carriers to Target Senescent Cells. *Healthy Ageing and Longevity*, **2020**, 163-180 | 0.5 | 0 |