Lorena Garcia-Hevia

List of Publications by Year
in descending order

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27 papers	533 citations	623734 14 h-index	642732 23 g-index
28 all docs	28 docs citations	28 times ranked	883 citing authors

#	Article	IF	Citations
1	Recent Progress on Manganeseâ€Based Nanostructures as Responsive MRI Contrast Agents. Chemistry - A European Journal, 2019, 25, 431-441.	3.3	61
2	Nano-ZnO leads to tubulin macrotube assembly and actin bundling, triggering cytoskeletal catastrophe and cell necrosis. Nanoscale, 2016, 8, 10963-10973.	5.6	57
3	Multifunctional graphene-based magnetic nanocarriers for combined hyperthermia and dual stimuli-responsive drug delivery. Materials Science and Engineering C, 2018, 93, 206-217.	7.3	56
4	Multiwalled Carbon Nanotubes Inhibit Tumor Progression in a Mouse Model. Advanced Healthcare Materials, 2016, 5, 1080-1087.	7.6	30
5	Inhibition of Cancer Cell Migration by Multiwalled Carbon Nanotubes. Advanced Healthcare Materials, 2015, 4, 1640-1644.	7.6	29
6	Anti-Cancer Cytotoxic Effects of Multiwalled Carbon Nanotubes. Current Pharmaceutical Design, 2015, 21, 1920-1929.	1.9	25
7	Tunable Performance of Manganese Oxide Nanostructures as MRI Contrast Agents. Chemistry - A European Journal, 2018, 24, 1295-1303.	3.3	25
8	Nanotube interactions with microtubules: implications for cancer medicine. Nanomedicine, 2014, 9, 1581-1588.	3.3	24
9	Biodegradable multi-walled carbon nanotubes trigger anti-tumoral effects. Nanoscale, 2018, 10, 11013-11020.	5.6	23
10	Carbon nanotubes gathered onto silica particles lose their biomimetic properties with the cytoskeleton becoming biocompatible. International Journal of Nanomedicine, 2017, Volume 12, 6317-6328.	6.7	22
11	Mapping intracellular thermal response of cancer cells to magnetic hyperthermia treatment. Nanoscale, 2020, 12, 21647-21656.	5.6	20
12	Magnetic lipid nanovehicles synergize the controlled thermal release of chemotherapeutics with magnetic ablation while enabling non-invasive monitoring by MRI for melanoma theranostics. Bioactive Materials, 2022, 8, 153-164.	15.6	20
13	Effect of Size, Shape, and Composition on the Interaction of Different Nanomaterials with HeLa Cells. Journal of Nanomaterials, 2019, 2019, 1-11.	2.7	19
14	In Vitro Intestinal Uptake And Permeability Of Fluorescently-Labelled Hyaluronic Acid Nanogels . International Journal of Nanomedicine, 2019, Volume 14, 9077-9088.	6.7	18
15	Microtubule cytoskeleton-disrupting activity of MWCNTs: applications in cancer treatment. Journal of Nanobiotechnology, 2020, 18, 181.	9.1	16
16	Orthogonal Clickable Iron Oxide Nanoparticle Platform for Targeting, Imaging, and Onâ€Demand Release. Chemistry - A European Journal, 2018, 24, 8624-8631.	3.3	13
17	Magnetic Hybrid Wax Nanocomposites as Externally Controlled Theranostic Vehicles: High MRI Enhancement and Synergistic Magnetically Assisted Thermo/Chemo Therapy. Chemistry - A European Journal, 2020, 26, 4531-4538.	3.3	12
18	Probing Cellular Processes Using Engineered Nanoparticles. Bioconjugate Chemistry, 2018, 29, 1793-1808.	3.6	11

#	Article	IF	Citations
19	Targeting Nanomaterials to Head and Neck Cancer Cells Using a Fragment of the Shiga Toxin as a Potent Natural Ligand. Cancers, 2021, 13, 4920.	3.7	11
20	Design of Polymeric and Biocompatible Delivery Systems by Dissolving Mesoporous Silica Templates. International Journal of Molecular Sciences, 2020, 21, 9573.	4.1	9
21	The unpredictable carbon nanotube biocorona and a functionalization method to prevent protein biofouling. Journal of Nanobiotechnology, 2021, 19, 129.	9.1	8
22	Solid Lipid Particles for Lung Metastasis Treatment. Pharmaceutics, 2021, 13, 93.	4.5	8
23	Evaluation of Novel Doxorubicin-Loaded Magnetic Wax Nanocomposite Vehicles as Cancer Combinatorial Therapy Agents. Pharmaceutics, 2020, 12, 637.	4.5	6
24	Cytotoxicity of pristine and functionalized tungsten disulfide particles in the urinary system. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	3
25	Gb3/cd77 Is a Predictive Marker and Promising Therapeutic Target for Head and Neck Cancer. Biomedicines, 2022, 10, 732.	3.2	3
26	A fast, reliable and cost-effective method to generate tumor organs for therapy screening in vivo. Biomedical Physics and Engineering Express, 2016, 2, 035009.	1.2	2
27	Tunable Performance of Manganese Oxide Nanostructures as MRI Contrast Agents. Chemistry - A European Journal, 2018, 24, 1221-1221.	3.3	2