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	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
2	Gb3/cd77 Is a Predictive Marker and Promising Therapeutic Target for Head and Neck Cancer. Biomedicines, 2022, 10, 732.	3.2	3
3	The unpredictable carbon nanotube biocorona and a functionalization method to prevent protein biofouling. Journal of Nanobiotechnology, 2021, 19, 129.	9.1	8
4	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
5	Solid Lipid Particles for Lung Metastasis Treatment. Pharmaceutics, 2021, 13, 93.	4.5	8
6	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
7	Evaluation of Novel Doxorubicin-Loaded Magnetic Wax Nanocomposite Vehicles as Cancer Combinatorial Therapy Agents. Pharmaceutics, 2020, 12, 637.	4.5	6
8	Mapping intracellular thermal response of cancer cells to magnetic hyperthermia treatment. Nanoscale, 2020, 12, 21647-21656.	5.6	20
9	Cytotoxicity of pristine and functionalized tungsten disulfide particles in the urinary system. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	3
10	Design of Polymeric and Biocompatible Delivery Systems by Dissolving Mesoporous Silica Templates. International Journal of Molecular Sciences, 2020, 21, 9573.	4.1	9
11	Microtubule cytoskeleton-disrupting activity of MWCNTs: applications in cancer treatment. Journal of Nanobiotechnology, 2020, 18, 181.	9.1	16
12	Recent Progress on Manganeseâ€Based Nanostructures as Responsive MRI Contrast Agents. Chemistry - A European Journal, 2019, 25, 431-441.	3.3	61
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	Orthogonal Clickable Iron Oxide Nanoparticle Platform for Targeting, Imaging, and Onâ€Demand Release. Chemistry - A European Journal, 2018, 24, 8624-8631.	3.3	13
16	Tunable Performance of Manganese Oxide Nanostructures as MRI Contrast Agents. Chemistry - A European Journal, 2018, 24, 1221-1221.	3.3	2
17	Tunable Performance of Manganese Oxide Nanostructures as MRI Contrast Agents. Chemistry - A European Journal, 2018, 24, 1295-1303.	3.3	25
18	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

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19	Probing Cellular Processes Using Engineered Nanoparticles. Bioconjugate Chemistry, 2018, 29, 1793-1808.	3.6	11
20	Biodegradable multi-walled carbon nanotubes trigger anti-tumoral effects. Nanoscale, 2018, 10, 11013-11020.	5.6	23
21	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
22	Multiwalled Carbon Nanotubes Inhibit Tumor Progression in a Mouse Model. Advanced Healthcare Materials, 2016, 5, 1080-1087.	7.6	30
23	Nano-ZnO leads to tubulin macrotube assembly and actin bundling, triggering cytoskeletal catastrophe and cell necrosis. Nanoscale, 2016, 8, 10963-10973.	5.6	57
24	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
25	Inhibition of Cancer Cell Migration by Multiwalled Carbon Nanotubes. Advanced Healthcare Materials, 2015, 4, 1640-1644.	7.6	29
26	Anti-Cancer Cytotoxic Effects of Multiwalled Carbon Nanotubes. Current Pharmaceutical Design, 2015, 21, 1920-1929.	1.9	25
27	Nanotube interactions with microtubules: implications for cancer medicine. Nanomedicine, 2014, 9, 1581-1588.	3.3	24