Loris Rizzello

List of Publications by Year in descending order

44 papers	2,656 citations	304743 22 h-index	276875 41 g-index
50 all docs	50 docs citations	50 times ranked	5544 citing authors

#	Article	IF	Citations
1	Green Silver Nanoparticles Promote Inflammation Shutdown in Human Leukemic Monocytes. Materials, 2022, 15, 775.	2.9	7
2	Targeting Macrophages and Synoviocytes Intracellular Milieu to Augment Antiâ€Inflammatory Drug Potency. Advanced Therapeutics, 2022, 5, .	3.2	0
3	A Multiscale Study of Phosphorylcholine Driven Cellular Phenotypic Targeting. ACS Central Science, 2022, 8, 891-904.	11.3	3
4	Purification of olive mill wastewater through noble metal nanoparticle synthesis: waste safe disposal and nanomaterial impact on healthy hepatic cell mitochondria. Environmental Science and Pollution Research, 2021, 28, 26154-26171.	5.3	11
5	Engineering Polymeric Nanosystems against Oral Diseases. Molecules, 2021, 26, 2229.	3.8	5
6	Synergistic Effect Induced by Gold Nanoparticles with Polyphenols Shell during Thermal Therapy: Macrophage Inflammatory Response and Cancer Cell Death Assessment. Cancers, 2021, 13, 3610.	3.7	13
7	ERÎ±-independent NRF2-mediated immunoregulatory activity of tamoxifen. Biomedicine and Pharmacotherapy, 2021, 144, 112274.	5.6	3
8	Exploring the Relationship between BODIPY Structure and Spectroscopic Properties to Design Fluorophores for Bioimaging. Chemistry - A European Journal, 2020, 26, 863-872.	3.3	21
9	On the shuttling across the blood-brain barrier via tubule formation: Mechanism and cargo avidity bias. Science Advances, 2020, 6, .	10.3	41
10	Real-time imaging of polymersome nanoparticles in zebrafish embryos engrafted with melanoma cancer cells: Localization, toxicity and treatment analysis. EBioMedicine, 2020, 58, 102902.	6.1	25
11	Polypyrrole and polyaniline nanocomposites with high photothermal conversion efficiency. Soft Matter, 2020, 16, 4569-4573.	2.7	37
12	Green Plasmonic Nanoparticles and Bio-Inspired Stimuli-Responsive Vesicles in Cancer Therapy Application. Nanomaterials, 2020, 10, 1083.	4.1	22
13	Polymersomes Eradicating Intracellular Bacteria. ACS Nano, 2020, 14, 8287-8298.	14.6	47
14	Noble Metals and Soft Bio-Inspired Nanoparticles in Retinal Diseases Treatment: A Perspective. Cells, 2020, 9, 679.	4.1	34
15	Tuning cell behavior with nanoparticle shape. PLoS ONE, 2020, 15, e0240197.	2.5	7
16	Green Synthesis of Nanoparticles and Their Application in Cancer Therapy. , 2020, , 163-197.		5
17	Cultivar-Dependent Anticancer and Antibacterial Properties of Silver Nanoparticles Synthesized Using Leaves of Different Olea Europaea Trees. Nanomaterials, 2019, 9, 1544.	4.1	33
18	Tailoring Cell Morphomechanical Perturbations Through Metal Oxide Nanoparticles. Nanoscale Research Letters, 2019, 14, 109.	5.7	11

#	Article	IF	Citations
19	A green method for the production of an efficient bioimaging nanotool. Nanoscale Advances, 2019, 1, 1193-1199.	4.6	3
20	Metabolically Active, Fully Hydrolysable Polymersomes. Angewandte Chemie - International Edition, 2019, 58, 4581-4586.	13.8	20
21	Metabolically Active, Fully Hydrolysable Polymersomes. Angewandte Chemie, 2019, 131, 4629-4634.	2.0	3
22	Macrophage Targeting pH Responsive Polymersomes for Glucocorticoid Therapy. Pharmaceutics, 2019, 11, 614.	4.5	22
23	Bottom-Up Evolution of Vesicles from Disks to High-Genus Polymersomes. IScience, 2018, 7, 132-144.	4.1	29
24	One-step synthesis, toxicity assessment and degradation in tumoral pH environment of SiO2@Ag core/shell nanoparticles. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	18
25	The role of the two splice variants and extranuclear pathway on Ki-67 regulation in non-cancer and cancer cells. PLoS ONE, 2017, 12, e0171815.	2.5	28
26	Guidelines for Nanosilver-Based Antibacterial Devices. , 2017, , 419-442.		0
27	Purification of Nanoparticles by Size and Shape. Scientific Reports, 2016, 6, 27494.	3.3	169
28	Fibrous wound dressings encapsulating essential oils as natural antimicrobial agents. Journal of Materials Chemistry B, 2015, 3, 1583-1589.	5.8	141
29	Controlled antiseptic/eosin release from chitosan-based hydrogel modified fibrous substrates. Carbohydrate Polymers, 2015, 131, 306-314.	10.2	20
30	Polymersomes and their applications in cancer delivery and therapy. Nanomedicine, 2015, 10, 2757-2780.	3.3	65
31	All-natural composite wound dressing films of essential oils encapsulated in sodium alginate with antimicrobial properties. International Journal of Pharmaceutics, 2014, 463, 137-145.	5.2	241
32	Nanosilver-based antibacterial drugs and devices: Mechanisms, methodological drawbacks, and guidelines. Chemical Society Reviews, 2014, 43, 1501-1518.	38.1	662
33	Soft Matter Composites Interfacing with Biomolecules, Cells, and Tissues. , 2014, , 29-76.		0
34	Nanotechnology tools for antibacterial materials. Nanomedicine, 2013, 8, 807-821.	3.3	148
35	Controlled antiseptic release by alginate polymer films and beads. Carbohydrate Polymers, 2013, 92, 176-183.	10.2	95
36	Impact of nanomaterials on in vitro and in vivo systems: role of nanoscale features in nanotoxicology. , 2012, , .		0

#	Article	IF	Citations
37	Molecular response of Escherichia coli adhering onto nanoscale topography. Nanoscale Research Letters, 2012, 7, 575.	5.7	37
38	Mutagenic effects of gold nanoparticles induce aberrant phenotypes in Drosophila melanogaster. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 1-7.	3.3	114
39	Monodispersed and size-controlled multibranched gold nanoparticles with nanoscale tuning of surface morphology. Nanoscale, 2011, 3, 2227.	5.6	101
40	Impact of Nanoscale Topography on Genomics and Proteomics of Adherent Bacteria. ACS Nano, 2011, 5, 1865-1876.	14.6	103
41	Room-temperature metal stamping by microfluidics. Materials Letters, 2010, 64, 41-44.	2.6	2
42	Neurons sense nanoscale roughness with nanometer sensitivity. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6264-6269.	7.1	225
43	Microscale Patterning of Hydrophobic/Hydrophilic Surfaces by Spatially Controlled Galvanic Displacement Reactions. Langmuir, 2009, 25, 6019-6023.	3.5	19
44	Micro/Nanoscale Patterning of Nanostructured Metal Substrates for Plasmonic Applications. ACS Nano, 2009, 3, 893-900.	14.6	58