

Luisa Fiandra

List of Publications by Year in descending order

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32
papers

1,285
citations

430442

18
h-index

414034

32
g-index

32
all docs

32
docs citations

32
times ranked

2090
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferritin nanocages: A biological platform for drug delivery, imaging and theranostics in cancer. <i>Pharmacological Research</i> , 2016, 107, 57-65.	3.1	199
2	The emerging role of nanotechnology in skincare. <i>Advances in Colloid and Interface Science</i> , 2021, 293, 102437.	7.0	117
3	Tumour homing and therapeutic effect of colloidal nanoparticles depend on the number of attached antibodies. <i>Nature Communications</i> , 2016, 7, 13818.	5.8	115
4	Protein nanocages for self-triggered nuclear delivery of DNA-targeted chemotherapeutics in Cancer Cells. <i>Journal of Controlled Release</i> , 2014, 196, 184-196.	4.8	99
5	AcMNPV ChiA protein disrupts the peritrophic membrane and alters midgut physiology of <i>Bombyx mori</i> larvae. <i>Insect Biochemistry and Molecular Biology</i> , 2004, 34, 1205-1213.	1.2	74
6	Assessing the <i>In Vivo</i> Targeting Efficiency of Multifunctional Nanoconstructs Bearing Antibody-Derived Ligands. <i>ACS Nano</i> , 2013, 7, 6092-6102.	7.3	73
7	HER2 Expression in Breast Cancer Cells Is Downregulated Upon Active Targeting by Antibody-Engineered Multifunctional Nanoparticles in Mice. <i>ACS Nano</i> , 2011, 5, 6383-6393.	7.3	66
8	Multifunctional Magnetic Gold Nanomaterials for Cancer. <i>Trends in Biotechnology</i> , 2019, 37, 995-1010.	4.9	57
9	Nanoformulation of antiretroviral drugs enhances their penetration across the blood brain barrier in mice. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1387-1397.	1.7	56
10	The Chitinase A from the baculovirus AcMNPV enhances resistance to both fungi and herbivorous pests in tobacco. <i>Transgenic Research</i> , 2008, 17, 557-571.	1.3	43
11	Purification and characterization of a viral chitinase active against plant pathogens and herbivores from transgenic tobacco. <i>Journal of Biotechnology</i> , 2010, 147, 1-6.	1.9	41
12	Nanometronomic treatment of 4T1 breast cancer with nanocaged doxorubicin prevents drug resistance and circumvents cardiotoxicity. <i>Oncotarget</i> , 2017, 8, 8383-8396.	0.8	40
13	Absorption of albumin by the midgut of a lepidopteran larva. <i>Journal of Insect Physiology</i> , 2005, 51, 933-940.	0.9	37
14	Densovirus Crosses the Insect Midgut by Transcytosis and Disturbs the Epithelial Barrier Function. <i>Journal of Virology</i> , 2013, 87, 12380-12391.	1.5	37
15	Oral delivery of insulin via polyethylene imine-based nanoparticles for colonic release allows glycemic control in diabetic rats. <i>Pharmacological Research</i> , 2016, 110, 122-130.	3.1	30
16	Engineered Ferritin Nanoparticles for the Bioluminescence Tracking of Nanodrug Delivery in Cancer. <i>Small</i> , 2020, 16, e2001450.	5.2	30
17	The intestinal barrier in lepidopteran larvae: Permeability of the peritrophic membrane and of the midgut epithelium to two biologically active peptides. <i>Journal of Insect Physiology</i> , 2009, 55, 10-18.	0.9	21
18	Nanoformulated Antiretrovirals for Penetration of the Central Nervous System: State of the Art. <i>Journal of NeuroImmune Pharmacology</i> , 2017, 12, 17-30.	2.1	18

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19	A viral chitinase enhances oral activity of TMOF. <i>Insect Biochemistry and Molecular Biology</i> , 2010, 40, 533-540.	1.2	17
20	Integumental amino acid uptake in a carnivorous predator mollusc (<i>Sepia officinalis</i> , Cephalopoda). <i>Tissue and Cell</i> , 2000, 32, 389-398.	1.0	14
21	Half-Chain Cetuximab Nanoconjugates Allow Multitarget Therapy of Triple Negative Breast Cancer. <i>Bioconjugate Chemistry</i> , 2018, 29, 3817-3832.	1.8	14
22	Absorption of horseradish peroxidase in <i>Bombyx mori</i> larval midgut. <i>Journal of Insect Physiology</i> , 2007, 53, 517-525.	0.9	13
23	In Vitro Permeation of FITC-loaded Ferritins Across a Rat Blood-brain Barrier: a Model to Study the Delivery of Nanoformulated Molecules. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	12
24	Mixture Effects of Diesel Exhaust and Metal Oxide Nanoparticles in Human Lung A549 Cells. <i>Nanomaterials</i> , 2019, 9, 1302.	1.9	12
25	The Role of Polymeric Coatings for a Safe-by-Design Development of Biomedical Gold Nanoparticles Assessed in Zebrafish Embryo. <i>Nanomaterials</i> , 2021, 11, 1004.	1.9	11
26	Role of specific activators of intestinal amino acid transport in <i>Bombyx mori</i> larval growth and nutrition. <i>Archives of Insect Biochemistry and Physiology</i> , 2001, 48, 190-198.	0.6	8
27	Development of an Effective Tumor-Targeted Contrast Agent for Magnetic Resonance Imaging Based on Mn/H-Ferritin Nanocomplexes. <i>ACS Applied Bio Materials</i> , 2021, 4, 7800-7810.	2.3	8
28	A novel regulatory mechanism for amino acid absorption in lepidopteran larval midgut. <i>Journal of Insect Physiology</i> , 2002, 48, 585-592.	0.9	7
29	Safety Assessment of Polypyrrole Nanoparticles and Spray-Coated Textiles. <i>Nanomaterials</i> , 2021, 11, 1991.	1.9	6
30	Modulation of leucine absorption in the larval midgut of <i>Bombyx mori</i> (Lepidoptera, Bombycidae). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2001, 129, 665-672.	0.8	5
31	Cellular Mechanisms Involved in the Combined Toxic Effects of Diesel Exhaust and Metal Oxide Nanoparticles. <i>Nanomaterials</i> , 2021, 11, 1437.	1.9	3
32	New perspectives on nanotechnology and antiretroviral drugs. <i>Aids</i> , 2016, 30, 963-964.	1.0	2