

MarÃ-a Lozano LÃ³pez

List of Publications by Year in descending order

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31
papers

961
citations

567281

15
h-index

526287

27
g-index

31
all docs

31
docs citations

31
times ranked

1646
citing authors

#	ARTICLE	IF	CITATIONS
1	Heparin-Engineered Mesoporous Iron Metal-Organic Framework Nanoparticles: Toward Stealth Drug Nanocarriers. <i>Advanced Healthcare Materials</i> , 2015, 4, 1246-1257.	7.6	187
2	Chitosan-coated mesoporous MIL-100(Fe) nanoparticles as improved bio-compatible oral nanocarriers. <i>Scientific Reports</i> , 2017, 7, 43099.	3.3	114
3	Highly Efficient System To Deliver Taxanes into Tumor Cells: Docetaxel-Loaded Chitosan Oligomer Colloidal Carriers. <i>Biomacromolecules</i> , 2008, 9, 2186-2193.	5.4	90
4	Current approaches in lipid-based nanocarriers for oral drug delivery. <i>Drug Delivery and Translational Research</i> , 2021, 11, 471-497.	5.8	80
5	PEG-PGA enveloped octaarginine-peptide nanocomplexes: An oral peptide delivery strategy. <i>Journal of Controlled Release</i> , 2018, 276, 125-139.	9.9	70
6	Polypeptides and polyaminoacids in drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2012, 9, 183-201.	5.0	61
7	Polyarginine nanocapsules: a new platform for intracellular drug delivery. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	43
8	Anti-tumor efficacy of chitosan-g-poly(ethylene glycol) nanocapsules containing docetaxel: Anti-TMEFF-2 functionalized nanocapsules vs. non-functionalized nanocapsules. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 83, 330-337.	4.3	42
9	Imaging cortical vasculature with stimulated Raman scattering and two-photon photothermal lensing microscopy. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 668-674.	2.5	33
10	Improving green enrichment of virgin olive oil by oregano. Effects on antioxidants. <i>Food Chemistry</i> , 2016, 197, 509-515.	8.2	24
11	Design of the interface of edible nanoemulsions to modulate the bioaccessibility of neuroprotective antioxidants. <i>International Journal of Pharmaceutics</i> , 2015, 490, 209-218.	5.2	23
12	PEGylated Nanoemulsions for Oral Delivery: Role of the Inner Core on the Final Fate of the Formulation. <i>Langmuir</i> , 2017, 33, 4269-4279.	3.5	20
13	Nanotechnology in reproduction: Vitamin E nanoemulsions for reducing oxidative stress in sperm cells. <i>Free Radical Biology and Medicine</i> , 2020, 160, 47-56.	2.9	20
14	Hydration forces as a tool for the optimization of core-shell nanoparticle vectors for cancer gene therapy. <i>Soft Matter</i> , 2012, 8, 12080.	2.7	19
15	Neuroprotective Natural Molecules, From Food to Brain. <i>Frontiers in Neuroscience</i> , 2018, 12, 721.	2.8	18
16	Intracellular delivery of docetaxel using freeze-dried polysaccharide nanocapsules. <i>Journal of Microencapsulation</i> , 2013, 30, 181-188.	2.8	16
17	Influence of the surface properties of nanocapsules on their interaction with intestinal barriers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 133, 203-213.	4.3	14
18	Colloids for drug delivery to the brain. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 42, 193-206.	3.0	13

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19	The role of the intestinal-protein corona on the mucodiffusion behaviour of new nanoemulsions stabilised by ascorbyl derivatives. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 186, 110740.	5.0	13
20	Optimisation of Synthetic Vector Systems for Cancer Gene Therapy – The Role of the Excess of Cationic Dendrimer Under Physiological Conditions. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 1172-1181.	2.1	11
21	Ascorbyl-dipalmitate-stabilised nanoemulsions as a potential localised treatment of inflammatory bowel diseases. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119533.	5.2	10
22	Vitamin transporters in mice brain with aging. <i>Journal of Anatomy</i> , 2018, 232, 699-715.	1.5	9
23	Taking Particle Tracking into Practice by Novel Software and Screening Approach: Case-Study of Oral Lipid Nanocarriers. <i>Pharmaceutics</i> , 2021, 13, 370.	4.5	7
24	Ultrafast determination of vitamin E using LC-ESI-MS/MS for preclinical development of new nutraceutical formulations. <i>Bioanalysis</i> , 2018, 10, 215-227.	1.5	5
25	Pressurized liquid extraction to obtain chia seeds oils extracts enriched in tocochromanols. Nanoemulsions approaches to preserve the antioxidant potential. <i>Journal of Food Science and Technology</i> , 2021, 58, 4034-4044.	2.8	5
26	Neurodegenerative Diseases: A Multidisciplinary Approach. <i>Current Pharmaceutical Design</i> , 2021, 27, 3305-3336.	1.9	5
27	Pressurized Extraction as an Opportunity to Recover Antioxidants from Orange Peels: Heat treatment and Nanoemulsion Design for Modulating Oxidative Stress. <i>Molecules</i> , 2021, 26, 5928.	3.8	4
28	In vitro relevant information for the assessment of nanoparticles for oral drug administration. , 2020, , 419-458.		3
29	Dendrimers for gene therapy. , 2016, , 113-146.		2
30	Chapter 7.3. Drug Delivery Strategies: Nanostructures for Improved Brain Delivery. <i>RSC Drug Discovery Series</i> , 2012, , 392-432.	0.3	0
31	AN AD HOC FINAL DEGREE PROJECT TO HELP STUDENTS TO GET THE SECOND CYCLE EDUCATIONAL LEVEL (MECES 3). , 2016, , .		0