

Hagar I Labouta

List of Publications by Year in descending order

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31
papers

1,077
citations

471509

17
h-index

434195

31
g-index

32
all docs

32
docs citations

32
times ranked

1997
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidics for Development of Lipid Nanoparticles: Paving the Way for Nucleic Acids to the Clinic. <i>ACS Applied Bio Materials</i> , 2023, 6, 3566-3576.	4.6	18
2	Collagen “a newly discovered major player in protein corona formation on nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 5610-5617.	2.8	4
3	Role of drug delivery technologies in the success of COVID-19 vaccines: a perspective. <i>Drug Delivery and Translational Research</i> , 2022, 12, 2581-2588.	5.8	17
4	Statins in patients with COVID-19: a retrospective cohort study in Iranian COVID-19 patients. <i>Translational Medicine Communications</i> , 2021, 6, 3.	1.4	41
5	Localized Plasmonic Photothermal Therapy as a Life-saving Treatment Paradigm for Hospitalized COVID-19 Patients. <i>Plasmonics</i> , 2021, 16, 1029-1033.	3.4	15
6	Magnetic Nanomaterials in Microfluidic Sensors for Virus Detection: A Review. <i>ACS Applied Nano Materials</i> , 2021, 4, 4307-4328.	5.0	31
7	Dynamic placenta-on-a-chip model for fetal risk assessment of nanoparticles intended to treat pregnancy-associated diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166131.	3.8	26
8	Smart NIR-light and pH responsive doxorubicin-loaded GNRs@SBA-15-SH nanocomposite for chemo-photothermal therapy of cancer. <i>Nanophotonics</i> , 2021, 10, 3303-3319.	6.0	13
9	Localized Surface Plasmon Resonance as a Tool to Study Protein Corona Formation on Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2021, 125, 24765-24776.	3.1	18
10	Autophagy and SARS-CoV-2 infection: A possible smart targeting of the autophagy pathway. <i>Virulence</i> , 2020, 11, 805-810.	4.4	79
11	Meta-Analysis of Nanoparticle Cytotoxicity via Data-Mining the Literature. <i>ACS Nano</i> , 2019, 13, 1583-1594.	14.6	62
12	An Integrative Cultural Model to better situate marginalized science students in postsecondary science education. <i>Cultural Studies of Science Education</i> , 2018, 13, 785-796.	1.3	3
13	Learning science by doing science: an authentic science process-learning model in postsecondary education. <i>International Journal of Science Education</i> , 2018, 40, 1476-1492.	1.9	21
14	Understanding and improving assays for cytotoxicity of nanoparticles: what really matters?. <i>RSC Advances</i> , 2018, 8, 23027-23039.	3.6	14
15	Nanoparticle localization in blood vessels: dependence on fluid shear stress, flow disturbances, and flow-induced changes in endothelial physiology. <i>Nanoscale</i> , 2018, 10, 15249-15261.	5.6	50
16	Surface-grafted polyethylene glycol conformation impacts the transport of PEG-functionalized liposomes through a tumour extracellular matrix model. <i>RSC Advances</i> , 2018, 8, 7697-7708.	3.6	40
17	Calcifediol-loaded liposomes for local treatment of pulmonary bacterial infections. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 118, 62-67.	4.3	22
18	Invasin-functionalized liposome nanocarriers improve the intracellular delivery of anti-infective drugs. <i>RSC Advances</i> , 2016, 6, 41622-41629.	3.6	12

#	ARTICLE	IF	CITATIONS
19	Transdermal iontophoresis of flufenamic acid loaded PLGA nanoparticles. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 89, 154-162.	4.0	37
20	Bacteriomimetic invasin-functionalized nanocarriers for intracellular delivery. <i>Journal of Controlled Release</i> , 2015, 220, 414-424.	9.9	23
21	Interaction of inorganic nanoparticles with the skin barrier: current status and critical review. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 39-54.	3.3	144
22	Laser Scanning Microscopy Approach for Semiquantitation of In Vitro Dermal Particle Penetration. <i>Methods in Molecular Biology</i> , 2013, 961, 151-164.	0.9	2
23	Setup for investigating gold nanoparticle penetration through reconstructed skin and comparison to published human skin data. <i>Journal of Biomedical Optics</i> , 2012, 18, 061218.	2.6	9
24	Could Chemical Enhancement of Gold Nanoparticle Penetration Be Extrapolated from Established Approaches for Drug Permeation?. <i>Skin Pharmacology and Physiology</i> , 2012, 25, 208-218.	2.5	17
25	Depth profiling of gold nanoparticles and characterization of point spread functions in reconstructed and human skin using multiphoton microscopy. <i>Journal of Biophotonics</i> , 2012, 5, 85-96.	2.3	24
26	Mechanism and determinants of nanoparticle penetration through human skin. <i>Nanoscale</i> , 2011, 3, 4989.	5.6	127
27	Gold Nanoparticle Penetration and Reduced Metabolism in Human Skin by Toluene. <i>Pharmaceutical Research</i> , 2011, 28, 2931-2944.	3.5	81
28	Combined multiphoton imaging-pixel analysis for semiquantitation of skin penetration of gold nanoparticles. <i>International Journal of Pharmaceutics</i> , 2011, 413, 279-282.	5.2	47
29	Polymethacrylate Microparticles Gel for Topical Drug Delivery. <i>Pharmaceutical Research</i> , 2010, 27, 2106-2118.	3.5	10
30	Tailor-made biofunctionalized nanoparticles using layer-by-layer technology. <i>International Journal of Pharmaceutics</i> , 2010, 395, 236-242.	5.2	53
31	Multivariate modeling of encapsulation and release of an ionizable drug from polymer microspheres. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 4603-4615.	3.3	17