

Neus Lozano

List of Publications by Year in descending order

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29
papers

1,512
citations

393982

19
h-index

476904

29
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docs citations

29
times ranked

2971
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic imaging of PEGylated indocyanine green (ICG) liposomes within the tumor microenvironment using multi-spectral optoacoustic tomography (MSOT). <i>Biomaterials</i> , 2015, 37, 415-424.	5.7	165
2	Purity of graphene oxide determines its antibacterial activity. <i>2D Materials</i> , 2016, 3, 025025.	2.0	150
3	Graphene Oxide Nanosheets Reshape Synaptic Function in Cultured Brain Networks. <i>ACS Nano</i> , 2016, 10, 4459-4471.	7.3	133
4	Synthesis of few-layered, high-purity graphene oxide sheets from different graphite sources for biology. <i>2D Materials</i> , 2016, 3, 014006.	2.0	103
5	Graphene oxide: A growth factor delivery carrier to enhance chondrogenic differentiation of human mesenchymal stem cells in 3D hydrogels. <i>Acta Biomaterialia</i> , 2019, 96, 271-280.	4.1	100
6	Monoclonal antibody-targeted PEGylated liposome-ICG encapsulating doxorubicin as a potential theranostic agent. <i>International Journal of Pharmaceutics</i> , 2015, 482, 2-10.	2.6	95
7	Detection of Endotoxin Contamination of Graphene Based Materials Using the TNF- α Expression Test and Guidelines for Endotoxin-Free Graphene Oxide Production. <i>PLoS ONE</i> , 2016, 11, e0166816.	1.1	84
8	Liposome-Gold Nanorod Hybrids for High-Resolution Visualization Deep in Tissues. <i>Journal of the American Chemical Society</i> , 2012, 134, 13256-13258.	6.6	77
9	A blueprint for the synthesis and characterisation of thin graphene oxide with controlled lateral dimensions for biomedicine. <i>2D Materials</i> , 2018, 5, 035020.	2.0	73
10	Graphene Oxide Elicits Membrane Lipid Changes and Neutrophil Extracellular Trap Formation. <i>CheM</i> , 2018, 4, 334-358.	5.8	68
11	Splenic Capture and <i>In Vivo</i> Intracellular Biodegradation of Biological-Grade Graphene Oxide Sheets. <i>ACS Nano</i> , 2020, 14, 10168-10186.	7.3	51
12	The current graphene safety landscape – a literature mining exercise. <i>Nanoscale</i> , 2015, 7, 6432-6435.	2.8	47
13	Graphene Oxide Nanosheets Interact and Interfere with SARS-CoV-2 Surface Proteins and Cell Receptors to Inhibit Infectivity. <i>Small</i> , 2021, 17, e2101483.	5.2	46
14	Engineering thermosensitive liposome-nanoparticle hybrids loaded with doxorubicin for heat-triggered drug release. <i>International Journal of Pharmaceutics</i> , 2016, 514, 133-141.	2.6	37
15	Cationic Vesicles Formed with Arginine-Based Surfactants and 1,2-Dipalmitoyl-sn-glycero-3-phosphate Monosodium Salt. <i>Journal of Physical Chemistry B</i> , 2009, 113, 6321-6327.	1.2	30
16	siRNA liposome-gold nanorod vectors for multispectral optoacoustic tomography theranostics. <i>Nanoscale</i> , 2014, 6, 13451-13456.	2.8	30
17	Interaction studies of diacyl glycerol arginine-based surfactants with DPPC and DMPC monolayers, relation with antimicrobial activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 319, 196-203.	2.3	28
18	Diacyl glycerol arginine-based surfactants: biological and physicochemical properties of cationic formulations. <i>Amino Acids</i> , 2011, 40, 721-729.	1.2	28

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19	Hypochlorite degrades 2D graphene oxide sheets faster than 1D oxidised carbon nanotubes and nanohorns. <i>Npj 2D Materials and Applications</i> , 2017, 1, .	3.9	26
20	Graphene-based papers as substrates for cell growth: Characterisation and impact on mammalian cells. <i>FlatChem</i> , 2018, 12, 17-25.	2.8	20
21	Intracerebral Injection of Graphene Oxide Nanosheets Mitigates Microglial Activation Without Inducing Acute Neurotoxicity: A Pilot Comparison to Other Nanomaterials. <i>Small</i> , 2020, 16, e2004029.	5.2	19
22	The impact of graphene oxide sheet lateral dimensions on their pharmacokinetic and tissue distribution profiles in mice. <i>Journal of Controlled Release</i> , 2021, 338, 330-340.	4.8	19
23	Liposome-Indocyanine Green Nanoprobes for Optical Labeling and Tracking of Human Mesenchymal Stem Cells Post-Transplantation In Vivo. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700374.	3.9	18
24	Graphene oxide prevents lateral amygdala dysfunctional synaptic plasticity and reverts long lasting anxiety behavior in rats. <i>Biomaterials</i> , 2021, 271, 120749.	5.7	15
25	Innate but Not Adaptive Immunity Regulates Lung Recovery from Chronic Exposure to Graphene Oxide Nanosheets. <i>Advanced Science</i> , 2022, 9, e2104559.	5.6	13
26	Surface tension and adsorption behavior of mixtures of diacyl glycerol arginine-based surfactants with DPPC and DMPC phospholipids. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 74, 67-74.	2.5	10
27	Arginine diacyl-glycerolipid conjugates as multifunctional biocompatible surfactants. <i>Comptes Rendus Chimie</i> , 2011, 14, 726-735.	0.2	10
28	Dynamic Properties of Cationic Diacyl-Glycerol-Arginine-Based Surfactant/Phospholipid Mixtures at the Air/Water Interface. <i>Langmuir</i> , 2010, 26, 2559-2566.	1.6	9
29	Shedding plasma membrane vesicles induced by graphene oxide nanoflakes in brain cultured astrocytes. <i>Carbon</i> , 2021, 176, 458-469.	5.4	8