Neus Feliu

List of Publications by Citations

51 papers	3,184 citations	26 h-index	53 g-index
53 ext. papers	3,988 ext. citations	12.4 avg, IF	5.09 L-index

#	Paper	IF	Citations
51	Diverse Applications of Nanomedicine. *ACS Nano*, **2017**, 11, 2313-2381	16.7	714
50	The Role of Ligands in the Chemical Synthesis and Applications of Inorganic Nanoparticles. *Chemical Reviews*, **2019**, 119, 4819-4880	68.1	375
49	In vivo degeneration and the fate of inorganic nanoparticles. *Chemical Society Reviews*, **2016**, 45, 2440-57	58.5	289
48	Selected Standard Protocols for the Synthesis, Phase Transfer, and Characterization of Inorganic Colloidal Nanoparticles. *Chemistry of Materials*, **2017**, 29, 399-461	9.6	176
47	Stability and biocompatibility of a library of polyester dendrimers in comparison to polyamidoamine dendrimers. *Biomaterials*, **2012**, 33, 1970-81	15.6	129
46	The Future of Layer-by-Layer Assembly: A Tribute to ACS Nano Associate Editor Helmuth Möhwald. *ACS Nano*, **2019**, 13, 6151-6169	16.7	127
45	Influence of Size and Shape on the Anatomical Distribution of Endotoxin-Free Gold Nanoparticles. *ACS Nano*, **2017**, 11, 5519-5529	16.7	99
44	How Entanglement of Different Physicochemical Properties Complicates the Prediction of in Vitro and in Vivo Interactions of Gold Nanoparticles. *ACS Nano*, **2018**, 12, 10104-10113	16.7	81
43	SERS Quantification and Characterization of Proteins and Other Biomolecules. *Langmuir*, **2017**, 33, 9711-9730	4	80
42	Carbon Nanotubes as Optical Sensors in Biomedicine. *ACS Nano*, **2017**, 11, 10637-10643	16.7	78
41	Bridge over troubled waters: understanding the synthetic and biological identities of engineered nanomaterials. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2013**, 5, 111-29	9.2	73
40	Targeted uptake of folic acid-functionalized iron oxide nanoparticles by ovarian cancer cells in the presence but not in the absence of serum. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2014**, 10, 1421-31	6	68
39	Nanotoxicology: no small matter. *Nanoscale*, **2010**, 2, 2514-20	7.7	64
38	Ligand density on nanoparticles: A parameter with critical impact on nanomedicine. *Advanced Drug Delivery Reviews*, **2019**, 143, 22-36	18.5	63
37	Next-generation sequencing reveals low-dose effects of cationic dendrimers in primary human bronchial epithelial cells. *ACS Nano*, **2015**, 9, 146-63	16.7	62
36	Colloidal Gold Nanoparticles Induce Changes in Cellular and Subcellular Morphology. *ACS Nano*, **2017**, 11, 7807-7820	16.7	60
35	Quantitative Particle-Cell Interaction: Some Basic Physicochemical Pitfalls. *Langmuir*, **2017**, 33, 6639-6646	4	56

34	Zwitterionic surface coating of quantum dots reduces protein adsorption and cellular uptake. *Nanoscale*, **2016**, 8, 17794-17800	7.7	51
33	Macrophage activation status determines the internalization of mesoporous silica particles of different sizes: Exploring the role of different pattern recognition receptors. *Biomaterials*, **2017**, 121, 28-40	15.6	43
32	Comprehensive and Systematic Analysis of the Immunocompatibility of Polyelectrolyte Capsules. *Bioconjugate Chemistry*, **2017**, 28, 556-564	6.3	36
31	Protein-Mediated Shape Control of Silver Nanoparticles. *Bioconjugate Chemistry*, **2018**, 29, 1261-1265	6.3	36
30	Quantitative uptake of colloidal particles by cell cultures. *Science of the Total Environment*, **2016**, 568, 819-828	10.2	33
29	Detailed investigation on how the protein corona modulates the physicochemical properties and gene delivery of polyethylenimine (PEI) polyplexes. *Biomaterials Science*, **2018**, 6, 1800-1817	7.4	32
28	Orthotopic transplantation of a tissue engineered diaphragm in rats. *Biomaterials*, **2016**, 77, 320-35	15.6	30
27	Optimizing conditions for labeling of mesenchymal stromal cells (MSCs) with gold nanoparticles: a prerequisite for in vivo tracking of MSCs. *Journal of Nanobiotechnology*, **2017**, 15, 24	9.4	26
26	Tracking stem cells and macrophages with gold and iron oxide nanoparticles The choice of the best suited particles. *Applied Materials Today*, **2019**, 15, 267-279	6.6	26
25	Linear-dendritic polymeric amphiphiles as carriers of doxorubicinIn vitro evaluation of biocompatibility and drug delivery. *Journal of Polymer Science Part A*, **2012**, 50, 217-226	2.5	25
24	Triple-Labeling of Polymer-Coated Quantum Dots and Adsorbed Proteins for Tracing their Fate in Cell Cultures. *ACS Nano*, **2019**, 13, 4631-4639	16.7	24
23	Lysosomal Proton Buffering of Poly(ethylenimine) Measured by Fluorescent pH-Sensor Microcapsules. *ACS Nano*, **2020**, 14, 8012-8023	16.7	24
22	Quantitative Particle Uptake by Cells as Analyzed by Different Methods. *Angewandte Chemie - International Edition*, **2020**, 59, 5438-5453	16.4	24
21	Remotely controlled opening of delivery vehicles and release of cargo by external triggers. *Advanced Drug Delivery Reviews*, **2019**, 138, 117-132	18.5	22
20	Assembly and Degradation of Inorganic Nanoparticles in Biological Environments. *Bioconjugate Chemistry*, **2019**, 30, 2751-2762	6.3	19
19	X-ray-Based Techniques to Study the Nano-Bio Interface. *ACS Nano*, **2021**, 15, 3754-3807	16.7	18
18	Some thoughts about the intracellular location of nanoparticles and the resulting consequences. *Journal of Colloid and Interface Science*, **2016**, 482, 260-266	9.3	16
17	Nanotoxicology and nanomedicine: The Yin and Yang of nano-bio interactions for the new decade. *Nano Today*, **2021**, 39, 101184	17.9	16

16	Biodegradable Alginate Polyelectrolyte Capsules As Plausible Biocompatible Delivery Carriers.. *ACS Applied Bio Materials*, **2019**, 2, 3245-3256	4.1	15
15	Sustainable Synthesis and Improved Colloidal Stability of Popcorn-Shaped Gold Nanoparticles. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 9834-9841	8.3	15
14	Multimodal Imaging of Pancreatic Ductal Adenocarcinoma Using Multifunctional Nanoparticles as Contrast Agents. *ACS Applied Materials & Interfaces*, **2020**,	9.5	10
13	Biodegradation of Bi-Labeled Polymer-Coated Rare-Earth Nanoparticles in Adherent Cell Cultures. *Chemistry of Materials*, **2020**, 32, 245-254	9.6	9
12	Real-time, label-free monitoring of cell viability based on cell adhesion measurements with an atomic force microscope. *Journal of Nanobiotechnology*, **2017**, 15, 23	9.4	7
11	Development of Silica-Based Biodegradable Submicrometric Carriers and Investigating Their Characteristics as in Vitro Delivery Vehicles. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	6
10	Ion-Selective Ligands: How Colloidal Nano- and Micro-Particles Can Introduce New Functionalities. *Zeitschrift Fur Physikalische Chemie*, **2018**, 232, 1307-1317	3.1	5
9	Influence of the chirality of carbon nanodots on their interaction with proteins and cells. *Nature Communications*, **2021**, 12, 7208	17.4	5
8	X-ray Fluorescence Uptake Measurement of Functionalized Gold Nanoparticles in Tumor Cell Microsamples. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4
7	Influence of the Modulation of the Protein Corona on Gene Expression Using Polyethylenimine (PEI) Polyplexes as Delivery Vehicle. *Advanced Healthcare Materials*, **2021**, 10, e2100125	10.1	4
6	Toward Diffusion Measurements of Colloidal Nanoparticles in Biological Environments by Nuclear Magnetic Resonance. *Small*, **2020**, 16, e2001160	11	3
5	Functionalization of colloidal nanoparticles with a discrete number of ligands based on a "HALO-bioclick" reaction. *Chemical Communications*, **2020**, 56, 11398-11401	5.8	3
4	Gold Nanostars: Synthesis, Optical and SERS Analytical Properties. *Analysis & Sensing*,		1
3	Semiconductor Nanoplatelets as Ultra-Bright Fluorophores for Two-Photon Absorption Cell Imaging. *Journal of Physical Chemistry C*, **2022**, 126, 5658-5664	3.8	1
2	In-situ x-ray fluorescence imaging of the endogenous iodine distribution in murine thyroids.. *Scientific Reports*, **2022**, 12, 2903	4.9	0
1	Colloids for nanobiotechnology: An introduction. *Frontiers of Nanoscience*, **2020**, 16, 1-7	0.7	