

# Fabrice P Navarro

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,140  
citations

361045

20  
h-index

395343

33  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2048  
citing authors

#	ARTICLE	IF	CITATIONS
1	Leaky gut model of the human intestinal mucosa for testing siRNA-based nanomedicine targeting JAK1. <i>Journal of Controlled Release</i> , 2022, 345, 646-660.	4.8	10
2	Tuning the Immunostimulation Properties of Cationic Lipid Nanocarriers for Nucleic Acid Delivery. <i>Frontiers in Immunology</i> , 2021, 12, 722411.	2.2	6
3	Collagen scaffold-mediated delivery of NLC/siRNA as wound healing materials. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 55, 101421.	1.4	19
4	Co-delivery of free vancomycin and transcription factor decoy-nanostructured lipid carriers can enhance inhibition of methicillin resistant <i>Staphylococcus aureus</i> (MRSA). <i>PLoS ONE</i> , 2019, 14, e0220684.	1.1	11
5	Biodistribution of Nanostructured Lipid Carriers in Mice Atherosclerotic Model. <i>Molecules</i> , 2019, 24, 3499.	1.7	7
6	Characterization of Collagen/Lipid Nanoparticle-“Curcumin Cryostructures for Wound Healing Applications. <i>Macromolecular Bioscience</i> , 2019, 19, e1800446.	2.1	15
7	Deep-Learning for phase unwrapping in Lens-Free imaging. , 2019, , .		1
8	Lens-free Video Microscopy for the Dynamic and Quantitative Analysis of Adherent Cell Culture. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	5
9	Overcoming immunogenicity issues of HIV p24 antigen by the use of innovative nanostructured lipid carriers as delivery systems: evidences in mice and non-human primates. <i>Npj Vaccines</i> , 2018, 3, 46.	2.9	24
10	Multispectral Total-variation Reconstruction Applied to Lens-free Microscopy. , 2018, , .		2
11	Dynamic quantitative analysis of adherent cell culture by means of lens-free video microscopy. , 2018, , .		0
12	Tailoring nanostructured lipid carriers for the delivery of protein antigens: Physicochemical properties versus immunogenicity studies. <i>Biomaterials</i> , 2017, 136, 29-42.	5.7	43
13	Screen-Printed Polyaniline-Based Electrodes for the Real-Time Monitoring of Loop-Mediated Isothermal Amplification Reactions. <i>Analytical Chemistry</i> , 2017, 89, 10124-10128.	3.2	26
14	Spontaneous capillary flow in curved, open microchannels. <i>Microfluidics and Nanofluidics</i> , 2016, 20, 1.	1.0	13
15	Photoinduced effects of m-tetrahydroxyphenylchlorin loaded lipid nanoemulsions on multicellular tumor spheroids. <i>Journal of Nanobiotechnology</i> , 2016, 14, 68.	4.2	31
16	Lipid nanoemulsions and liposomes improve photodynamic treatment efficacy and tolerance in CAL-33 tumor bearing nude mice. <i>Journal of Nanobiotechnology</i> , 2016, 14, 71.	4.2	20
17	Evaluation of intraoperative fluorescence imaging-“guided surgery in cancer-bearing dogs: a prospective proof-of-concept phase II study in 9 cases. <i>Translational Research</i> , 2016, 170, 73-88.	2.2	25
18	Nanoparticles for intravascular applications: physicochemical characterization and cytotoxicity testing. <i>Nanomedicine</i> , 2016, 11, 597-616.	1.7	57

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19	Phase-0/phase-I study of dye-loaded lipid nanoparticles for near-infrared fluorescence imaging in healthy dogs. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 100, 85-93.	2.0	21
20	Solid Phase Extraction as an Innovative Separation Method for Measuring Free and Entrapped Drug in Lipid Nanoparticles. <i>Pharmaceutical Research</i> , 2015, 32, 3999-4009.	1.7	25
21	Real-time label-free detection of dividing cells by means of lensfree video-microscopy. <i>Journal of Biomedical Optics</i> , 2014, 19, 1.	1.4	18
22	Preparation and characterization of mTHPC-loaded solid lipid nanoparticles for photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 130, 161-169.	1.7	41
23	Enrichment of nanoparticles and bacteria using electroless and manual actuation modes of a bypass nanofluidic device. <i>Lab on A Chip</i> , 2013, 13, 4476.	3.1	18
24	LipImage <sup>®</sup> , 815: novel dye-loaded lipid nanoparticles for long-term and sensitive <i>in vivo</i> near-infrared fluorescence imaging. <i>Journal of Biomedical Optics</i> , 2013, 18, 101311.	1.4	35
25	Bone morphogenetic protein 9 (BMP9) controls lymphatic vessel maturation and valve formation. <i>Blood</i> , 2013, 122, 598-607.	0.6	121
26	Lipid Nanoparticle Vectorization of IndoCyanine Green Improves Fluorescence Imaging for Tumor Diagnosis and Lymph Node Resection. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 730-741.	0.5	39
27	Fluorescent Nanoprobes Dedicated to <i>in Vivo</i> Imaging: From Preclinical Validations to Clinical Translation. <i>Molecules</i> , 2012, 17, 5564-5591.	1.7	146
28	Cell Tolerability and Biodistribution in Mice of Indocyanine Green-Loaded Lipid Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 594-604.	0.5	17
29	Regularized Nonnegative Matrix Factorization for autofluorescence removal in fluorescence optical imaging. , 2011, , .		0
30	Lipidots: competitive organic alternative to quantum dots for <i>in vivo</i> fluorescence imaging. <i>Journal of Biomedical Optics</i> , 2011, 16, 096013.	1.4	60
31	Preparation, characterization, and cellular studies of photosensitizer-loaded lipid nanoparticles for photodynamic therapy. <i>Proceedings of SPIE</i> , 2011, , .	0.8	3
32	In Vivo Fluorescence Spectra Unmixing and Autofluorescence Removal by Sparse Nonnegative Matrix Factorization. <i>IEEE Transactions on Biomedical Engineering</i> , 2011, 58, 2554-2565.	2.5	24
33	Multi-site and multi-depth <i>in vivo</i> cancer localization enhancement after autofluorescence removal. , 2011, , .		0
34	15: Development and use of vectorized lipid nanoparticles (LNP) for PET and fluorescence imaging in oncology. <i>Bulletin Du Cancer</i> , 2010, 97, S16.	0.6	0
35	Nonnegative matrix factorization: a blind spectra separation method for <i>in vivo</i> fluorescent optical imaging. <i>Journal of Biomedical Optics</i> , 2010, 15, 056009.	1.4	27
36	Non-negative Matrix Factorization under sparsity constraints to unmix <i>in vivo</i> spectrally resolved acquisitions. , 2010, , .		0

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37	Non-Negative Matrix Factorization to unmix several fluorescence spectra and remove autofluorescence from in vivo spectrally resolved acquisitions. , 2010, , .		0
38	Erythropoietin receptor expression is concordant with erythropoietin but not with common $\beta$ chain expression in the rat brain throughout the life span. Journal of Comparative Neurology, 2009, 514, 403-414.	0.9	60
39	A novel indocyanine green nanoparticle probe for non invasive fluorescence imaging in vivo. Proceedings of SPIE, 2009, , .	0.8	19
40	Brain heparanase expression is up-regulated during postnatal development and hypoxia-induced neovascularization in adult rats. Journal of Neurochemistry, 2008, 105, 34-45.	2.1	26
41	Neuroprotective effects of erythropoietin in the rat hippocampus after pilocarpine-induced status epilepticus. Neurobiology of Disease, 2007, 25, 412-426.	2.1	92
42	Unexpected expression of orexin-B in basal conditions and increased levels in the adult rat hippocampus during pilocarpine-induced epileptogenesis. Brain Research, 2006, 1109, 164-175.	1.1	28