

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	Fluorescent Nanoprobes Dedicated to in Vivo Imaging: From Preclinical Validations to Clinical Translation. <i>Molecules</i> , 2012, 17, 5564-5591.	1.7	146
2	Bone morphogenetic protein 9 (BMP9) controls lymphatic vessel maturation and valve formation. <i>Blood</i> , 2013, 122, 598-607.	0.6	121
3	Neuroprotective effects of erythropoietin in the rat hippocampus after pilocarpine-induced status epilepticus. <i>Neurobiology of Disease</i> , 2007, 25, 412-426.	2.1	92
4	Erythropoietin receptor expression is concordant with erythropoietin but not with common β^2 chain expression in the rat brain throughout the life span. <i>Journal of Comparative Neurology</i> , 2009, 514, 403-414.	0.9	60
5	Lipidots: competitive organic alternative to quantum dots for in vivo fluorescence imaging. <i>Journal of Biomedical Optics</i> , 2011, 16, 096013.	1.4	60
6	Nanoparticles for intravascular applications: physicochemical characterization and cytotoxicity testing. <i>Nanomedicine</i> , 2016, 11, 597-616.	1.7	57
7	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
8	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
9	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
10	LipImage [®] , Φ 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
11	Photoinduced effects of m-tetrahydroxyphenylchlorin loaded lipid nanoemulsions on multicellular tumor spheroids. <i>Journal of Nanobiotechnology</i> , 2016, 14, 68.	4.2	31
12	Unexpected expression of orexin-B in basal conditions and increased levels in the adult rat hippocampus during pilocarpine-induced epileptogenesis. <i>Brain Research</i> , 2006, 1109, 164-175.	1.1	28
13	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
14	Brain heparanase expression is upregulated during postnatal development and hypoxia-induced neovascularization in adult rats. <i>Journal of Neurochemistry</i> , 2008, 105, 34-45.	2.1	26
15	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
16	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
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	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

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19	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
20	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
21	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
22	A novel indocyanine green nanoparticle probe for non invasive fluorescence imaging in vivo. <i>Proceedings of SPIE</i> , 2009, , .	0.8	19
23	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
24	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
25	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
26	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
27	Characterization of Collagen/Lipid Nanoparticleâ€œCurcumin Cryostructures for Wound Healing Applications. <i>Macromolecular Bioscience</i> , 2019, 19, e1800446.	2.1	15
28	Spontaneous capillary flow in curved, open microchannels. <i>Microfluidics and Nanofluidics</i> , 2016, 20, 1.	1.0	13
29	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
30	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
31	Biodistribution of Nanostructured Lipid Carriers in Mice Atherosclerotic Model. <i>Molecules</i> , 2019, 24, 3499.	1.7	7
32	Tuning the Immunostimulation Properties of Cationic Lipid Nanocarriers for Nucleic Acid Delivery. <i>Frontiers in Immunology</i> , 2021, 12, 722411.	2.2	6
33	Lens-free Video Microscopy for the Dynamic and Quantitative Analysis of Adherent Cell Culture. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	5
34	Preparation, characterization, and cellular studies of photosensitizer-loaded lipid nanoparticles for photodynamic therapy. <i>Proceedings of SPIE</i> , 2011, , .	0.8	3
35	Multispectral Total-variation Reconstruction Applied to Lens-free Microscopy. , 2018, , .		2
36	Deep-Learning for phase unwrapping in Lens-Free imaging. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
37	15: Development and use of vectorized lipid nanoparticles (LNP) for PET and fluorescence imaging in oncology. Bulletin Du Cancer, 2010, 97, S16.	0.6	0
38	Non-negative Matrix Factorization under sparsity constraints to unmix in vivo spectrally resolved acquisitions. , 2010, , .		0
39	Regularized Nonnegative Matrix Factorization for autofluorescence removal in fluorescence optical imaging. , 2011, , .		0
40	Multi-site and multi-depth in vivo cancer localization enhancement after autofluorescence removal. , 2011, , .		0
41	Non-Negative Matrix Factorization to unmix several fluorescence spectra and remove autofluorescence from in vivo spectrally resolved acquisitions. , 2010, , .		0
42	Dynamic quantitative analysis of adherent cell culture by means of lens-free video microscopy. , 2018, , .		0