

Marc Janier

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/448829/publications.pdf>

Version: 2024-02-01

69
papers

4,062
citations

196777

29
h-index

129628

63
g-index

70
all docs

70
docs citations

70
times ranked

6304
citing authors

#	ARTICLE	IF	CITATIONS
1	AGuIX [®] from bench to bedside—Transfer of an ultrasmall theranostic gadolinium-based nanoparticle to clinical medicine. <i>British Journal of Radiology</i> , 2019, 92, 20180365.	1.0	86
2	In vivo gadolinium nanoparticle quantification with SPECT/CT. <i>EJNMMI Physics</i> , 2019, 6, 9.	1.3	5
3	Granulocyte Colony-Stimulating Factor Nanocarriers for Stimulation of the Immune System (Part I): Synthesis and Biodistribution Studies. <i>Bioconjugate Chemistry</i> , 2018, 29, 795-803.	1.8	4
4	Granulocyte-Colony Stimulating Factor Nanocarriers for Stimulation of the Immune System (Part II): Dose-Dependent Biodistribution and <i>In Vivo</i> Antitumor Efficacy in Combination with Rituximab. <i>Bioconjugate Chemistry</i> , 2018, 29, 804-812.	1.8	3
5	Population pharmacokinetics and probability of target attainment of ertapenem administered by subcutaneous or intravenous route in patients with bone and joint infection. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 987-994.	1.3	19
6	Four-Minute Bone SPECT Using Large-Field Cadmium-Zinc-Telluride Camera. <i>Clinical Nuclear Medicine</i> , 2018, 43, 389-395.	0.7	14
7	The value of local normal limits in quantitative Thallium-201 CZT MPI SPECT. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 672-682.	1.4	5
8	Gadolinium-based nanoparticles as sensitizing agents to carbon ions in head and neck tumor cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2655-2660.	1.7	22
9	Quantification of Gd-Nanoparticles Concentration with SPECT and Spectral Photon Counting CT. , 2017, , .		0
10	Ex Vivo and In Vivo Imaging and Biodistribution of Aptamers Targeting the Human Matrix MetalloProtease-9 in Melanomas. <i>PLoS ONE</i> , 2016, 11, e0149387.	1.1	43
11	Pristinamycin in the treatment of MSSA bone and joint infection. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 1063-1070.	1.3	11
12	Host evolution in <i>Mastomys natalensis</i> (Rodentia: Muridae): An integrative approach using geometric morphometrics and genetics. <i>Integrative Zoology</i> , 2015, 10, 505-514.	1.3	12
13	Radiolabeled dendritic probes as tools for high in vivo tumor targeting: application to melanoma. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2560-2571.	2.9	9
14	Combining ultrasmall gadolinium-based nanoparticles with photon irradiation overcomes radioresistance of head and neck squamous cell carcinoma. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 247-257.	1.7	70
15	The In Vivo Radiosensitizing Effect of Gold Nanoparticles Based MRI Contrast Agents. <i>Small</i> , 2014, 10, 1116-1124.	5.2	111
16	Small rigid platforms functionalization with quaternary ammonium: Targeting extracellular matrix of chondrosarcoma. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1887-1895.	1.7	15
17	The use of theranostic gadolinium-based nanoprobe to improve radiotherapy efficacy. <i>British Journal of Radiology</i> , 2014, 87, 20140134.	1.0	167
18	In vivo evidence of the targeting of cartilaginous tissue by pyridinium functionalized nanoparticles. <i>Chemical Communications</i> , 2013, 49, 3046.	2.2	7

#	ARTICLE	IF	CITATIONS
19	Development of gadolinium based nanoparticles having an affinity towards melanin. <i>Nanoscale</i> , 2013, 5, 1603.	2.8	23
20	Radio-UHPLC: A tool for rapidly determining the radiochemical purity of technetium-99m radiopharmaceuticals?. <i>Applied Radiation and Isotopes</i> , 2013, 78, 72-76.	0.7	3
21	The biodistribution of gold nanoparticles designed for renal clearance. <i>Nanoscale</i> , 2013, 5, 5930.	2.8	121
22	Biodistribution of ultra small gadolinium-based nanoparticles as theranostic agent: Application to brain tumors. <i>Journal of Biomaterials Applications</i> , 2013, 28, 385-394.	1.2	42
23	Oligonucleotide solid-phase synthesis on fluorescent nanoparticles grafted on controlled pore glass. <i>RSC Advances</i> , 2012, 2, 11858.	1.7	8
24	Tif1 ^{Δ3} Suppresses Murine Pancreatic Tumoral Transformation by a Smad4-Independent Pathway. <i>American Journal of Pathology</i> , 2012, 180, 2214-2221.	1.9	32
25	Quantitative assessment of skeletal muscle degeneration in patients with myotonic dystrophy type 1 using MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 678-685.	1.9	106
26	Biodistribution Study of Nanometric Hybrid Gadolinium Oxide Particles as a Multimodal SPECT/MR/Optical Imaging and Theragnostic Agent. <i>Bioconjugate Chemistry</i> , 2011, 22, 1145-1152.	1.8	95
27	Toward an Image-Guided Microbeam Radiation Therapy Using Gadolinium-Based Nanoparticles. <i>ACS Nano</i> , 2011, 5, 9566-9574.	7.3	212
28	¹⁸ F-FLT and ¹⁸ F-FDG positron emission tomography for the imaging of advanced well-differentiated gastro-entero-pancreatic endocrine tumours. <i>Nuclear Medicine Communications</i> , 2011, 32, 91-97.	0.5	15
29	MRI of Tibialis Anterior Skeletal Muscle in Myotonic Dystrophy Type 1. <i>Canadian Journal of Neurological Sciences</i> , 2011, 38, 112-118.	0.3	19
30	Evolution of renal oxygen content measured by BOLD MRI downstream a chronic renal artery stenosis. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 1205-1210.	0.4	40
31	Hemodynamic Responses to Acute and Gradual Renal Artery Stenosis in Pigs. <i>American Journal of Hypertension</i> , 2010, 23, 1216-1219.	1.0	19
32	Multifunctional gadolinium oxide nanoparticles: towards image-guided therapy. <i>Imaging in Medicine</i> , 2010, 2, 211-223.	0.0	10
33	Fluorodeoxyglucose Positron Emission Tomography for the Diagnosis of Sarcoidosis in Patients with Unexplained Chronic Uveitis. <i>Ocular Immunology and Inflammation</i> , 2009, 17, 179-184.	1.0	32
34	Influence of multidrug resistance on ¹⁸ F-FCH cellular uptake in a glioblastoma model. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 1256-1264.	3.3	15
35	Hybrid gadolinium oxide nanoparticles combining imaging and therapy. <i>Journal of Materials Chemistry</i> , 2009, 19, 2328.	6.7	72
36	In Vivo Assessment of Mouse Hindleg Intramyocellular Lipids by ¹ H-MR Spectroscopy. <i>Academic Radiology</i> , 2009, 16, 890-896.	1.3	12

#	ARTICLE	IF	CITATIONS
37	Fast screening of paramagnetic molecules in zebrafish embryos by MRI. <i>NMR in Biomedicine</i> , 2008, 21, 129-137.	1.6	13
38	In vitro and in vivo studies with [18F]fluorocholine on digestive tumoral cell lines and in an animal model of metastasized endocrine tumor. <i>Nuclear Medicine and Biology</i> , 2008, 35, 123-130.	0.3	7
39	Gadolinium Chelate Coated Gold Nanoparticles As Contrast Agents for Both X-ray Computed Tomography and Magnetic Resonance Imaging. <i>Journal of the American Chemical Society</i> , 2008, 130, 5908-5915.	6.6	488
40	Effects of prone position and positive end-expiratory pressure on lung perfusion and ventilation*. <i>Critical Care Medicine</i> , 2008, 36, 2373-2380.	0.4	66
41	Gender and Strain Variations in Left Ventricular Cardiac Function and Mass Determined With Magnetic Resonance Imaging at 7 Tesla in Adult Mice. <i>Investigative Radiology</i> , 2007, 42, 1-7.	3.5	6
42	Hybrid Gadolinium Oxide Nanoparticles: A Multimodal Contrast Agents for in Vivo Imaging. <i>Journal of the American Chemical Society</i> , 2007, 129, 5076-5084.	6.6	721
43	MRI monitoring of focal cerebral ischemia in peroxisome proliferator-activated receptor (PPAR)-deficient mice. <i>NMR in Biomedicine</i> , 2007, 20, 335-342.	1.6	43
44	Cardiac and respiratory self-gated cine MRI in the mouse: Comparison between radial and rectilinear techniques at 7T. <i>Magnetic Resonance in Medicine</i> , 2007, 58, 745-753.	1.9	48
45	Importance of Parametric Mapping and Deconvolution in Analyzing Magnetic Resonance Myocardial Perfusion Images. <i>Investigative Radiology</i> , 2006, 41, 374-383.	3.5	8
46	Alveolar recruitment assessed by positron emission tomography during experimental acute lung injury. <i>Intensive Care Medicine</i> , 2006, 32, 1889-1894.	3.9	23
47	Malignant mesothelioma of the peritoneum as the cause of a paraneoplastic syndrome: detection by 18F-FDG PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006, 33, 751-751.	3.3	13
48	Cardiac and respiratory double self-gated cine MRI in the mouse at 7 T. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 506-513.	1.9	88
49	Quantitative assessment of regional alveolar ventilation and gas volume using 13N-N2 washout and PET. <i>Journal of Nuclear Medicine</i> , 2005, 46, 1375-83.	2.8	14
50	FDG-PET improves tumour detection in patients with paraneoplastic neurological syndromes. <i>Brain</i> , 2004, 127, 2331-2338.	3.7	210
51	Thyroid hormone receptor is a molecular switch of cardiac function between fetal and postnatal life. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 10332-10337.	3.3	105
52	EVALUATION OF CARDIOVASCULAR FLOW CHARACTERISTICS IN THE 129Sv MOUSE FETUS USING COLOR-DOPPLER-GUIDED SPECTRAL DOPPLER ULTRASOUND. <i>Veterinary Radiology and Ultrasound</i> , 2004, 45, 568-573.	0.4	10
53	Local recurrence of prostate cancer after external beam radiotherapy: early experience of salvage therapy using high-intensity focused ultrasonography. <i>Urology</i> , 2004, 63, 625-629.	0.5	240
54	Using an adaptive semiautomated self-evaluated registration technique to analyze MRI data for myocardial perfusion assessment. <i>Journal of Magnetic Resonance Imaging</i> , 2003, 18, 681-690.	1.9	21

#	ARTICLE	IF	CITATIONS
55	Is [18F]-2-fluoro-2-deoxy-d-glucose (FDG) scintigraphy with non-dedicated positron emission tomography useful in the diagnostic management of suspected metastatic thyroid carcinoma in patients with no detectable radioiodine uptake?. <i>European Journal of Endocrinology</i> , 2003, 149, 293-300.	1.9	46
56	Cardiac retention of [¹¹ C]HED in genotyped long QT patients: a potential amplifier role for severity of the disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 285, H1286-H1293.	1.5	31
57	Effects of Positive End-Expiratory Pressure and Body Position on Pulmonary Blood Flow Redistribution in Mechanically Ventilated Normal Pigs. <i>Chest</i> , 2002, 122, 998-1005.	0.4	19
58	Second order anterior mitral leaflets play a role in preventing systolic anterior motion. <i>Annals of Thoracic Surgery</i> , 2002, 73, 1689-1690.	0.7	9
59	Temporal covariance analysis of first-pass contrast-enhanced myocardial magnetic resonance images. <i>Computers in Biology and Medicine</i> , 2001, 31, 133-142.	3.9	14
60	Positron emission tomography using 18F-fluoro-deoxyglucose and euglycaemic hyperinsulinaemic glucose clamp: optimal criteria for the prediction of recovery of post-ischaemic left ventricular dysfunction. Results from the European Community Concerted Action Multicenter study on use of 18F-fluoro-deoxyglucose Positron Emission Tomography for the Detection of Myocardial Viability. <i>European Heart Journal</i> , 2001, 22, 1691-1701.	1.0	88
61	In vivo measurement of myocardial oxidative metabolism and blood flow does not show changes in cancer patients undergoing doxorubicin therapy. <i>Cancer Chemotherapy and Pharmacology</i> , 2000, 45, 375-380.	1.1	23
62	Evaluation of Gd-DOTA-labeled dextran polymer as an intravascular MR contrast agent for myocardial perfusion. <i>Academic Radiology</i> , 1998, 5, S214-S218.	1.3	53
63	Metabolic myocardial viability assessment with iodine 123-16-iodo-3-methylhexadecanoic acid in recent myocardial infarction: Comparison with thallium-201 and fluorine-18 fluorodeoxyglucose. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1997, 24, 170-178.	2.2	2
64	Posttransplant primary heart dysfunction and myocardial stunning. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1997, 11, 880-882.	0.6	4
65	Lethal Myocardial Reperfusion Injury: A Right Target for the Clinician?. <i>Journal of Thrombosis and Thrombolysis</i> , 1997, 4, 149-152.	1.0	0
66	Comparison between qualitative and quantitative wall motion analyses using dipyridamole stress breath-hold cine magnetic resonance imaging in patients with severe coronary artery stenosis. <i>Magnetic Resonance Imaging</i> , 1997, 15, 891-898.	1.0	17
67	Mitral Subvalvular Apparatus. <i>Circulation</i> , 1997, 96, 3124-3128.	1.6	89
68	Influence of bolus volume and dose of gadolinium chelate for first-pass myocardial perfusion MR imaging studies. <i>Journal of Magnetic Resonance Imaging</i> , 1995, 5, 411-415.	1.9	56
69	Myocardial Perfusion Assessed by Subsecond Magnetic Resonance Imaging with a Paramagnetic Macromolecular Contrast Agent. <i>Investigative Radiology</i> , 1994, 29, S54-S57.	3.5	8