

Achraf Al Faraj

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,208
citations

361413

20
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

2303
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vivo Imaging of Carbon Nanotube Biodistribution Using Magnetic Resonance Imaging. Nano Letters, 2009, 9, 1023-1027.	9.1	111
2	Optimizing use of theranostic nanoparticles as a life-saving strategy for treating COVID-19 patients. Theranostics, 2020, 10, 5932-5942.	10.0	108
3	Magnetic single-walled carbon nanotubes as efficient drug delivery nanocarriers in breast cancer murine model: noninvasive monitoring using diffusion-weighted magnetic resonance imaging as sensitive imaging biomarker. International Journal of Nanomedicine, 2015, 10, 157.	6.7	82
4	Metabolomics Based Profiling of Dexamethasone Side Effects in Rats. Frontiers in Pharmacology, 2018, 9, 46.	3.5	75
5	Elaboration of PLLA-based superparamagnetic nanoparticles: Characterization, magnetic behaviour study and in vitro relaxivity evaluation. International Journal of Pharmaceutics, 2007, 338, 248-257.	5.2	73
6	siRNA Conjugated Nanoparticles – A Next Generation Strategy to Treat Lung Cancer. International Journal of Molecular Sciences, 2019, 20, 6088.	4.1	65
7	Combination of drug-conjugated SWCNT nanocarriers for efficient therapy of cancer stem cells in a breast cancer animal model. Journal of Controlled Release, 2016, 225, 240-251.	9.9	62
8	In vivo biodistribution and biological impact of injected carbon nanotubes using magnetic resonance techniques. International Journal of Nanomedicine, 2011, 6, 351.	6.7	61
9	MR imaging and targeting of a specific alveolar macrophage subpopulation in LPS-induced COPD animal model using antibody-conjugated magnetic nanoparticles. International Journal of Nanomedicine, 2014, 9, 1491.	6.7	60
10	Specific targeting and noninvasive imaging of breast cancer stem cells using single-walled carbon nanotubes as novel multimodality nanoprobe. Nanomedicine, 2016, 11, 31-46.	3.3	50
11	Preferential magnetic targeting of carbon nanotubes to cancer sites: noninvasive tracking using MRI in a murine breast cancer model. Nanomedicine, 2015, 10, 931-948.	3.3	42
12	Endothelial Cell-derived Microparticles Loaded with Iron Oxide Nanoparticles: Feasibility of MR Imaging Monitoring in Mice. Radiology, 2012, 263, 169-178.	7.3	38
13	Effect of surface coating on the biocompatibility and <i>in vivo</i> MRI detection of iron oxide nanoparticles after intrapulmonary administration. Nanotoxicology, 2015, 9, 825-834.	3.0	36
14	A novel anti-IL4R α nanoparticle efficiently controls lung inflammation during asthma. Experimental and Molecular Medicine, 2016, 48, e262-e262.	7.7	31
15	Preferential Macrophage Recruitment and Polarization in LPS-Induced Animal Model for COPD: Noninvasive Tracking Using MRI. PLoS ONE, 2014, 9, e90829.	2.5	31
16	Dirhenium decacarbonyl-loaded PLLA nanoparticles: Influence of neutron irradiation and preliminary in vivo administration by the TMT technique. International Journal of Pharmaceutics, 2008, 348, 125-136.	5.2	29
17	Long-term follow-up of lung biodistribution and effect of instilled SWCNTs using multiscale imaging techniques. Nanotechnology, 2010, 21, 175103.	2.6	27
18	Real-time high-resolution magnetic resonance tracking of macrophage subpopulations in a murine inflammation model: a pilot study with a commercially available cryogenic probe. Contrast Media and Molecular Imaging, 2013, 8, 193-203.	0.8	27

#	ARTICLE	IF	CITATIONS
19	Magnetic Targeting and Delivery of Drug-Loaded SWCNTs Theranostic Nanoprobes to Lung Metastasis in Breast Cancer Animal Model: Noninvasive Monitoring Using Magnetic Resonance Imaging. <i>Molecular Imaging and Biology</i> , 2016, 18, 315-324.	2.6	24
20	Alternative approaches for the treatment of airway diseases: focus on nanoparticle medicine. <i>Clinical and Experimental Allergy</i> , 2016, 46, 1033-1042.	2.9	23
21	Anti-VCAM-1 and Anti-IL4R β Aptamer-Conjugated Super Paramagnetic Iron Oxide Nanoparticles for Enhanced Breast Cancer Diagnosis and Therapy. <i>Molecules</i> , 2020, 25, 3437.	3.8	21
22	Longitudinal ^3He and proton imaging of magnetite biodistribution in a rat model of instilled nanoparticles. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 1298-1303.	3.0	18
23	SWCNTs as novel theranostic nanocarriers for cancer diagnosis and therapy: towards safe translation to the clinics. <i>Nanomedicine</i> , 2016, 11, 1431-1445.	3.3	16
24	Intrapulmonary administration of bone-marrow derived M1/M2 macrophages to enhance the resolution of LPS-induced lung inflammation: noninvasive monitoring using free-breathing MR and CT imaging protocols. <i>BMC Medical Imaging</i> , 2015, 15, 16.	2.7	15
25	Sodium-22-radiolabeled silica nanoparticles as new radiotracer for biomedical applications: in vivo positron emission tomography imaging, biodistribution, and biocompatibility. <i>International Journal of Nanomedicine</i> , 2015, 10, 6293.	6.7	14
26	Specific targeting and noninvasive magnetic resonance imaging of an asthma biomarker in the lung using polyethylene glycol functionalized magnetic nanocarriers. <i>Contrast Media and Molecular Imaging</i> , 2016, 11, 172-183.	0.8	13
27	Preferential magnetic nanoparticle uptake by bone marrow derived macrophages sub-populations: effect of surface coating on polarization, toxicity, and in vivo MRI detection. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	12
28	Blocking Interleukin-4 Receptor β Using Polyethylene Glycol Functionalized Superparamagnetic Iron Oxide Nanocarriers to Inhibit Breast Cancer Cell Proliferation. <i>Cancer Research and Treatment</i> , 2017, 49, 322-329.	3.0	9
29	Effect of polyethylene glycol surface charge functionalization of SWCNT on the in vitro and in vivo nanotoxicity and biodistribution monitored noninvasively using MRI. <i>Toxicology Mechanisms and Methods</i> , 2019, 29, 233-243.	2.7	8
30	Shedding Light on the Direct and Indirect Impact of the COVID-19 Pandemic on the Lebanese Radiographers or Radiologic Technologists: A Crisis within Crises. <i>Healthcare (Switzerland)</i> , 2021, 9, 362.	2.0	6
31	The History, Efficacy, and Safety of Potential Therapeutics: A Narrative Overview of the Complex Life of COVID-19. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 955.	2.6	6
32	Enhanced magnetic delivery of superparamagnetic iron oxide nanoparticles to the lung monitored using noninvasive MR. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	5
33	3D Visualization of iron oxide nanoparticles in MRI of inflammatory model. <i>Journal of Visualization</i> , 2015, 18, 563-570.	1.8	4
34	Correlation of Kidney Size on Computed Tomography with GFR, Creatinine and HbA1C for an Accurate Diagnosis of Patients with Diabetes and/or Chronic Kidney Disease. <i>Diagnostics</i> , 2021, 11, 789.	2.6	3
35	Positive contrast with therapeutic iron nanoparticles at 4.7ÅT. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2011, 24, 259-265.	2.0	2
36	Highly constrained backprojection for improving dynamic ^3He MR ventilation imaging in rats. <i>Contrast Media and Molecular Imaging</i> , 2010, 5, 276-285.	0.8	1