FranÃ§ois HindrÃ©

List of Publications by Year
in descending order

30 papers	1,448 citations	304368 22 h-index	454577 30 g-index
30 all docs	30 docs citations	30 times ranked	2297 citing authors

#	Article	IF	Citations
1	Design of targeted lipid nanocapsules by conjugation of whole antibodies and antibody Fabâ€™ fragments. Biomaterials, 2007, 28, 4978-4990.	5.7	143
2	The importance of endo-lysosomal escape with lipid nanocapsules for drug subcellular bioavailability. Biomaterials, 2010, 31, 7542-7554.	5.7	123
3	Anti-cancer drug diffusion within living rat brain tissue: an experimental study using [3H](6)-5-fluorouracil-loaded PLGA microspheres. European Journal of Pharmaceutics and Biopharmaceutics, 2002, 53, 293-299.	2.0	106
4	Rhenium-188 Labeled Radiopharmaceuticals: Current Clinical Applications in Oncology and Promising Perspectives. Frontiers in Medicine, 2019, 6, 132.	1.2	96
5	Brain targeting using novel lipid nanovectors. Journal of Controlled Release, 2008, 126, 44-49.	4.8	95
6	Pegylated Nanocapsules Produced by an Organic Solvent-Free Method: Evaluation of their Stealth Properties. Pharmaceutical Research, 2006, 23, 2190-2199.	1.7	67
7	99mTc/188Re-labelled lipid nanocapsules as promising radiotracers for imaging and therapy: formulation and biodistribution. European Journal of Nuclear Medicine and Molecular Imaging, 2006, 33, 602-607.	3.3	66
8	Phosphorylcholine Coating of Iron Oxide Nanoparticles. Journal of Colloid and Interface Science, 1999, 209, 66-71.	5.0	63
9	Tumor eradication in rat glioma and bypass of immunosuppressive barriers using internal radiation with 188Re-lipid nanocapsules. Biomaterials, 2011, 32, 6781-6790.	5.7	63
10	Effect of particle size on the biodistribution of lipid nanocapsules: Comparison between nuclear and fluorescence imaging and counting. International Journal of Pharmaceutics, 2013, 453, 594-600.	2.6	54
11	A novel in vitro delivery system for assessing the biological integrity of protein upon release from PLGA microspheres. Pharmaceutical Research, 2002, 19, 1046-1051.	1.7	53
12	Targeting Tumor Associated Macrophages to Overcome Conventional Treatment Resistance in Glioblastoma. Frontiers in Pharmacology, 2020, 11, 368.	1.6	50
13	Tetra-p-aminophenylporphyrin conjugated with Gd-DTPA: Tumor-specific contrast agent for MR imaging. Journal of Magnetic Resonance Imaging, 1993, 3, 59-65.	1.9	49
14	Locoregional Confinement and Major Clinical Benefit of ¹⁸⁸Re-Loaded CXCR4-Targeted Nanocarriers in an Orthotopic Human to Mouse Model of Glioblastoma. Theranostics, 2017, 7, 4517-4536.	4.6	46
15	Nanomedicine to overcome radioresistance in glioblastoma stem-like cells and surviving clones. Trends in Pharmacological Sciences, 2015, 36, 236-252.	4.0	44
16	Lysozyme encapsulation into nanostructured CaCO3 microparticles using a supercritical CO2 process and comparison with the normal route. Journal of Materials Chemistry B, 2013, 1, 4011.	2.9	40
17	Dendrimers as Innovative Radiopharmaceuticals in Cancer Radionanotherapy. Biomacromolecules, 2016, 17, 3103-3114.	2.6	40
18	Lipid Nanocapsules Loaded with Rhenium-188 Reduce Tumor Progression in a Rat Hepatocellular Carcinoma Model. PLoS ONE, 2011, 6, e16926.	1.1	38

#	Article	IF	Citations
19	Potential for Nuclear Medicine Therapy for Glioblastoma Treatment. Frontiers in Pharmacology, 2019, 10, 772.	1.6	31
20	Hybrid Gd³⁺/cisplatin cross-linked polymer nanoparticles enhance platinum accumulation and formation of DNA adducts in glioblastoma cell lines. Biomaterials Science, 2018, 6, 2386-2409.	2.6	28
21	Comparative biodistribution of thin-coated iron oxide nanoparticles TCION: Effect of different bisphosphonate coatings. Drug Development Research, 2001, 54, 173-181.	1.4	25
22	Effect of chain length and electrical charge on properties of ammonium-bearing bisphosphonate-coated superparamagnetic iron oxide nanoparticles: formulation and physicochemical studies. Journal of Nanoparticle Research, 2010, 12, 1239-1248.	0.8	23
23	Tumour targeting of lipid nanocapsules grafted with cRGD peptides. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 87, 152-159.	2.0	22
24	Imaging E-selectin expression following traumatic brain injury in the rat using a targeted USPIO contrast agent. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2009, 22, 167-174.	1.1	20
25	Characterization of the distribution, retention, and efficacy of internal radiation of 188Re-lipid nanocapsules in an immunocompromised human glioblastoma model. Journal of Neuro-Oncology, 2017, 131, 49-58.	1.4	20
26	68Ga and 188Re Starch-Based Microparticles as Theranostic Tool for the Hepatocellular Carcinoma: Radiolabeling and Preliminary In Vivo Rat Studies. PLoS ONE, 2016, 11, e0164626.	1.1	16
27	Nanovectorized radiotherapy: a new strategy to induce anti-tumor immunity. Frontiers in Oncology, 2012, 2, 136.	1.3	10
28	New starch-based radiotracer for lung perfusion scintigraphy. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 146-155.	3.3	8
29	Rapamycin-Loaded Lipid Nanocapsules Induce Selective Inhibition of the mTORC1-Signaling Pathway in Glioblastoma Cells. Frontiers in Bioengineering and Biotechnology, 2020, 8, 602998.	2.0	7
30	Comparative biodistribution of thin-coated iron oxide nanoparticles TCION: Effect of different bisphosphonate coatings. Drug Development Research, 2001, 54, 173.	1.4	2