

Carlos J Perez-Torres

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,423
citations

567281

15
h-index

526287

27
g-index

33
all docs

33
docs citations

33
times ranked

2873
citing authors

#	ARTICLE	IF	CITATIONS
1	A complementâ€microglial axis drives synapse loss during virus-induced memory impairment. <i>Nature</i> , 2016, 534, 538-543.	27.8	534
2	Nanoshells with Targeted Simultaneous Enhancement of Magnetic and Optical Imaging and Photothermal Therapeutic Response. <i>Advanced Functional Materials</i> , 2009, 19, 3901-3909.	14.9	208
3	Tracking of Multimodal Therapeutic Nanocomplexes Targeting Breast Cancer in Vivo. <i>Nano Letters</i> , 2010, 10, 4920-4928.	9.1	157
4	A Molecularly Targeted Theranostic Probe for Ovarian Cancer. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1028-1038.	4.1	77
5	Targeting pancreatic cancer with magneto-fluorescent theranostic gold nanoshells. <i>Nanomedicine</i> , 2014, 9, 1209-1222.	3.3	62
6	O₂-sensitive MRI distinguishes brain tumor versus radiation necrosis in murine models. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 2442-2447.	3.0	43
7	Diffusion MRI quantifies early axonal loss in the presence of nerve swelling. <i>Journal of Neuroinflammation</i> , 2017, 14, 78.	7.2	39
8	Axonal transport rate decreased at the onset of optic neuritis in EAE mice. <i>NeuroImage</i> , 2014, 100, 244-253.	4.2	35
9	A Gamma-Knife-Enabled Mouse Model of Cerebral Single-Hemisphere Delayed Radiation Necrosis. <i>PLoS ONE</i> , 2015, 10, e0139596.	2.5	31
10	Toward Distinguishing Recurrent Tumor From Radiation Necrosis: DWI and MTC in a Gamma Knifeâ€Irradiated Mouse Glioma Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 446-453.	0.8	27
11	Inhibitors of HIF-1Î± and CXCR4 Mitigate the Development of Radiation Necrosis in Mouse Brain. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 1016-1025.	0.8	25
12	Use of Magnetization Transfer Contrast MRI to Detect Early Molecular Pathology in Alzheimer's Disease. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 333-338.	3.0	23
13	Effects of an artificial placenta on brain development and injury in premature lambs. <i>Journal of Pediatric Surgery</i> , 2018, 53, 1234-1239.	1.6	22
14	A GSK-3Î² Inhibitor Protects Against Radiation Necrosis in Mouse Brain. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 89, 714-721.	0.8	20
15	Comparison of silver nanoparticle-induced inflammatory responses between healthy and metabolic syndrome mouse models. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2020, 83, 249-268.	2.3	20
16	Can anti-vascular endothelial growth factor antibody reverse radiation necrosis? A preclinical investigation. <i>Journal of Neuro-Oncology</i> , 2017, 133, 9-16.	2.9	16
17	Specificity of vascular endothelial growth factor treatment for radiation necrosis. <i>Radiotherapy and Oncology</i> , 2015, 117, 382-385.	0.6	14
18	Impact of mouse strain and sex when modeling radiation necrosis. <i>Radiation Oncology</i> , 2020, 15, 141.	2.7	14

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19	Perilesional edema in radiation necrosis reflects axonal degeneration. <i>Radiation Oncology</i> , 2015, 10, 33.	2.7	12
20	In vitro and in vivo magnetic resonance imaging (MRI) detection of GFP through magnetization transfer contrast (MTC). <i>NeuroImage</i> , 2010, 50, 375-382.	4.2	9
21	Improvements in a Mouse Model of Alzheimer's Disease through Sod2 Overexpression Are Due to Functional and Not Structural Alterations. <i>Magnetic Resonance Insights</i> , 2012, 5, MRI.S9352.	2.5	9
22	Minimal difference between fractionated and single-fraction exposure in a murine model of radiation necrosis. <i>Radiation Oncology</i> , 2019, 14, 144.	2.7	6
23	Modeling Dynamic Contrast-Enhanced MRI Data with a Constrained Local AIF. <i>Molecular Imaging and Biology</i> , 2018, 20, 150-159.	2.6	5
24	Design, construction, and in vivo feasibility of a positioning device for irradiation of mice brains using a clinical linear accelerator and intensity modulated radiation therapy. <i>International Journal of Radiation Biology</i> , 2017, 93, 1321-1326.	1.8	4
25	Influence of Dose Uniformity when Replicating a Gamma Knife Mouse Model of Radiation Necrosis with a Preclinical Irradiator. <i>Radiation Research</i> , 2019, 191, 352.	1.5	4
26	Neurocognitive and radiological changes after cranial radiation therapy in humans and rodents: a systematic review. <i>International Journal of Radiation Biology</i> , 2023, 99, 119-137.	1.8	4
27	Feasibility of a mini-pig model of radiation-induced brain injury to one cerebral hemisphere. <i>Radiation Oncology</i> , 2021, 16, 30.	2.7	3
28	O2-sensitive MRI distinguishes brain tumor versus radiation necrosis in murine models. <i>Magnetic Resonance in Medicine</i> , 2016, 75, spcone-spcone.	3.0	0
29	Feasibility of quantification of murine radiation-induced pulmonary fibrosis with microCT imaging. <i>Journal of Radiation Research</i> , 2021, , .	1.6	0