Jean-Christophe Brisset

List of Publications by Year
in descending order

33 papers	2,178 citations	394421 19 h-index	477307 29 g-index
33 all docs	33 docs citations	33 times ranked	4457 citing authors

#	Article	IF	Citations
1	Oncogenic Kras is required for both the initiation and maintenance of pancreatic cancer in mice. Journal of Clinical Investigation, 2012, 122, 639-653.	8.2	613
2	Brain MRI Findings in Severe COVID-19: A Retrospective Observational Study. Radiology, 2020, 297, E242-E251.	7.3	333
3	Neurologic and neuroimaging findings in patients with COVID-19. Neurology, 2020, 95, e1868-e1882.	1.1	186
4	Automatic segmentation of the spinal cord and intramedullary multiple sclerosis lesions with convolutional neural networks. NeuroImage, 2019, 184, 901-915.	4.2	163
5	Metastatic Pancreatic Cancer Is Dependent on Oncogenic Kras in Mice. PLoS ONE, 2012, 7, e49707.	2.5	146
6	Impaired Cerebrovascular Reactivity in Multiple Sclerosis. JAMA Neurology, 2014, 71, 1275.	9.0	111
7	Spatial distribution of multiple sclerosis lesions in the cervical spinal cord. Brain, 2019, 142, 633-646.	7.6	75
8	Early-Stage Investigations of Ultrasmall Superparamagnetic Iron Oxide-Induced Signal Change After Permanent Middle Cerebral Artery Occlusion in Mice. Stroke, 2009, 40, 1834-1841.	2.0	63
9	Iron and Non-Iron-Related Characteristics of Multiple Sclerosis and Neuromyelitis Optica Lesions at 7T MRI. American Journal of Neuroradiology, 2016, 37, 1223-1230.	2.4	61
10	Cerebrospinal Fluid Features in Patients With Coronavirus Disease 2019 and Neurological Manifestations: Correlation with Brain Magnetic Resonance Imaging Findings in 58 Patients. Journal of Infectious Diseases, 2021, 223, 600-609.	4.0	47
11	Artificial intelligence to predict clinical disability in patients with multiple sclerosis using FLAIR MRI. Diagnostic and Interventional Imaging, 2020, 101, 795-802.	3.2	46
12	New OFSEP recommendations for MRI assessment of multiple sclerosis patients: Special consideration for gadolinium deposition and frequent acquisitions. Journal of Neuroradiology, 2020, 47, 250-258.	1.1	46
13	Critical illness-associated cerebral microbleeds for patients with severe COVID-19: etiologic hypotheses. Journal of Neurology, 2021, 268, 2676-2684.	3.6	38
14	Longitudinal study of multiple sclerosis lesions using ultra-high field (7T) multiparametric MR imaging. PLoS ONE, 2018, 13, e0202918.	2.5	36
15	Cerebral vasculitis of medium-sized vessels as a possible mechanism of brain damage in COVID-19 patients. Journal of Neuroradiology, 2021, 48, 141-146.	1.1	32
16	Quantitative effects of cell internalization of two types of ultrasmall superparamagnetic iron oxide nanoparticles at 4.7 T and 7 T. European Radiology, 2010, 20, 275-285.	4.5	28
17	Susceptibility weighted imaging and quantitative susceptibility mapping of the cerebral vasculature using ferumoxytol. Journal of Magnetic Resonance Imaging, 2018, 47, 621-633.	3.4	27
18	Diffusion-Weighted MRI for Assessment of Early Cancer Treatment Response. Current Pharmaceutical Biotechnology, 2010, 11, 701-708.	1.6	26

#	Article	IF	Citations
19	Quantification of Iron-Labeled Cells with Positive Contrast in Mouse Brains. Molecular Imaging and Biology, 2011, 13, 672-678.	2.6	20
20	In vivo MRI assessment of permanent middle cerebral artery occlusion by electrocoagulation: pitfalls of procedure. Experimental & Translational Stroke Medicine, 2010, 2, 4.	3.2	13
21	Parametric response mapping of CT images provides early detection of local bone loss in a rat model of osteoporosis. Bone, 2012, 51, 78-84.	2.9	13
22	Weekly enhanced T1-weighted MRI with Gadobutrol injections in MS patients: Is there a signal intensity increase in the dentate nucleus and the globus pallidus?. European Journal of Radiology, 2018, 105, 204-208.	2.6	12
23	Integrated Multimodal Imaging of Dynamic Bone-Tumor Alterations Associated with Metastatic Prostate Cancer. PLoS ONE, 2015, 10, e0123877.	2.5	9
24	Collicular Hyperactivation in Patients with COVID-19: A New Finding on Brain MRI and PET/CT. American Journal of Neuroradiology, 2021, 42, 1410-1414.	2.4	9
25	Contribution of diffusion-weighted imaging to distinguish herpetic encephalitis from auto-immune encephalitis at an early stage. Journal of Neuroradiology, 2023, 50, 288-292.	1.1	8
26	Diagnostic value of 3DFLAIR in clinical practice for the detection of infratentorial lesions in multiple sclerosis in regard to dual echo T2 sequences. European Journal of Radiology, 2018, 102, 146-151.	2.6	5
27	INFLAM â€" INFLAMmation in Brain and Vessels with Iron Nanoparticles and Cell Trafficking: A Multiscale Approach of Tissue Microenvironment, Iron Nanostructure and Iron Biotransformation. Irbm, 2018, 39, 93-102.	5.6	5
28	Update on brain MRI for the diagnosis and follow-up of MS patients. Presse Medicale, 2021, 50, 104067.	1.9	5
29	Multimodal imaging provides insight into targeted therapy response in metastatic prostate cancer to the bone. American Journal of Nuclear Medicine and Molecular Imaging, 2018, 8, 189-199.	1.0	2
30	Abstract 4890: Diffusion-weighted MRI provides an early assessment of treatment response in a murine model of metastatic prostate cancer to the bone. , 2011, , .		0
31	Abstract 4299: Evaluation of a new multimodality voxel-based imaging biomarker for therapeutic response assessment in GBM. , 2012, , .		0
32	Abstract 4066: Early assessment of the XL184 treatment by Diffusion-Weighted MRI in metastatic prostate cancer to the bone murine model. , 2012, , .		0
33	Abstract 5595: Imaging biomarker development for treatment efficacy for prostate cancer to the bone.. , 2013, , .		0