

# Jean-Christophe Brisset

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Contribution of diffusion-weighted imaging to distinguish herpetic encephalitis from auto-immune encephalitis at an early stage. <i>Journal of Neuroradiology</i> , 2023, 50, 288-292.	1.1	8
2	Critical illness-associated cerebral microbleeds for patients with severe COVID-19: etiologic hypotheses. <i>Journal of Neurology</i> , 2021, 268, 2676-2684.	3.6	38
3	Cerebrospinal Fluid Features in Patients With Coronavirus Disease 2019 and Neurological Manifestations: Correlation with Brain Magnetic Resonance Imaging Findings in 58 Patients. <i>Journal of Infectious Diseases</i> , 2021, 223, 600-609.	4.0	47
4	Cerebral vasculitis of medium-sized vessels as a possible mechanism of brain damage in COVID-19 patients. <i>Journal of Neuroradiology</i> , 2021, 48, 141-146.	1.1	32
5	Collicular Hyperactivation in Patients with COVID-19: A New Finding on Brain MRI and PET/CT. <i>American Journal of Neuroradiology</i> , 2021, 42, 1410-1414.	2.4	9
6	Update on brain MRI for the diagnosis and follow-up of MS patients. <i>Presse Medicale</i> , 2021, 50, 104067.	1.9	5
7	Neurologic and neuroimaging findings in patients with COVID-19. <i>Neurology</i> , 2020, 95, e1868-e1882.	1.1	186
8	Brain MRI Findings in Severe COVID-19: A Retrospective Observational Study. <i>Radiology</i> , 2020, 297, E242-E251.	7.3	333
9	Artificial intelligence to predict clinical disability in patients with multiple sclerosis using FLAIR MRI. <i>Diagnostic and Interventional Imaging</i> , 2020, 101, 795-802.	3.2	46
10	New OFSEP recommendations for MRI assessment of multiple sclerosis patients: Special consideration for gadolinium deposition and frequent acquisitions. <i>Journal of Neuroradiology</i> , 2020, 47, 250-258.	1.1	46
11	Spatial distribution of multiple sclerosis lesions in the cervical spinal cord. <i>Brain</i> , 2019, 142, 633-646.	7.6	75
12	Automatic segmentation of the spinal cord and intramedullary multiple sclerosis lesions with convolutional neural networks. <i>NeuroImage</i> , 2019, 184, 901-915.	4.2	163
13	Diagnostic value of 3D FLAIR in clinical practice for the detection of infratentorial lesions in multiple sclerosis in regard to dual echo T2 sequences. <i>European Journal of Radiology</i> , 2018, 102, 146-151.	2.6	5
14	INFLAM " INFLAMMation in Brain and Vessels with Iron Nanoparticles and Cell Trafficking: A Multiscale Approach of Tissue Microenvironment, Iron Nanostructure and Iron Biotransformation. <i>Irbm</i> , 2018, 39, 93-102.	5.6	5
15	Susceptibility weighted imaging and quantitative susceptibility mapping of the cerebral vasculature using ferumoxytol. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 621-633.	3.4	27
16	Longitudinal study of multiple sclerosis lesions using ultra-high field (7T) multiparametric MR imaging. <i>PLoS ONE</i> , 2018, 13, e0202918.	2.5	36
17	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?. <i>European Journal of Radiology</i> , 2018, 105, 204-208.	2.6	12
18	Multimodal imaging provides insight into targeted therapy response in metastatic prostate cancer to the bone. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 8, 189-199.	1.0	2

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19	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
20	Integrated Multimodal Imaging of Dynamic Bone-Tumor Alterations Associated with Metastatic Prostate Cancer. PLoS ONE, 2015, 10, e0123877.	2.5	9
21	Impaired Cerebrovascular Reactivity in Multiple Sclerosis. JAMA Neurology, 2014, 71, 1275.	9.0	111
22	Abstract 5595: Imaging biomarker development for treatment efficacy for prostate cancer to the bone.. , 2013, , .		0
23	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
24	Metastatic Pancreatic Cancer Is Dependent on Oncogenic Kras in Mice. PLoS ONE, 2012, 7, e49707.	2.5	146
25	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
26	Abstract 4299: Evaluation of a new multimodality voxel-based imaging biomarker for therapeutic response assessment in GBM. , 2012, , .		0
27	Abstract 4066: Early assessment of the XL184 treatment by Diffusion-Weighted MRI in metastatic prostate cancer to the bone murine model. , 2012, , .		0
28	Quantification of Iron-Labeled Cells with Positive Contrast in Mouse Brains. Molecular Imaging and Biology, 2011, 13, 672-678.	2.6	20
29	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
30	Diffusion-Weighted MRI for Assessment of Early Cancer Treatment Response. Current Pharmaceutical Biotechnology, 2010, 11, 701-708.	1.6	26
31	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
32	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
33	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