Elise Bannier

List of Publications by Year
in descending order

46 papers	1,204 citations	361413 20 h-index	414414 32 g-index
59 all docs	59 docs citations	59 times ranked	2380 citing authors

#	Article	IF	Citations
1	Building memories on prior knowledge: behavioral and fMRI evidence of impairment in early Alzheimer's disease. Neurobiology of Aging, 2022, 110, 1-12.	3.1	2
2	Interactions between emotions and eating behaviors: Main issues, neuroimaging contributions, and innovative preventive or corrective strategies. Reviews in Endocrine and Metabolic Disorders, 2022, 23, 807-831.	5.7	20
3	Prognostic value of spinal cord MRI in multiple sclerosis patients. Revue Neurologique, 2021, 177, 571-581.	1.5	7
4	The Open Brain Consent: Informing research participants and obtaining consent to share brain imaging data. Human Brain Mapping, 2021, 42, 1945-1951.	3.6	27
5	Multimodal brain imaging connectivity analyses of emotional and motivational deficits in depression among women. Journal of Psychiatry and Neuroscience, 2021, 46, E303-E312.	2.4	8
6	Recommandations pour la mise en place dâ€™Ã©tudes multicentriques avec IRM. Journal D'imagerie Diagnostique Et Interventionnelle, 2021, , .	0.0	0
7	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. Neuron, 2021, 109, 1769-1775.	8.1	27
8	The impact of neurofeedback on effective connectivity networks in chronic stroke patients: an exploratory study. Journal of Neural Engineering, 2021, 18, 056052.	3.5	5
9	Effect of distortion corrections on the tractography quality in spinal cord diffusionâ€weighted imaging. Magnetic Resonance in Medicine, 2021, 85, 3241-3255.	3.0	8
10	Combining 18F-DOPA PET and MRI with perfusion-weighted imaging improves delineation of high-grade subregions in enhancing and non-enhancing gliomas prior treatment: a biopsy-controlled study. Journal of Neuro-Oncology, 2021, 155, 287-295.	2.9	6
11	Simultaneous EEG-fMRI during a neurofeedback task, a brain imaging dataset for multimodal data integration. Scientific Data, 2020, 7, 173.	5.3	11
12	Multiple sclerosis lesions in motor tracts from brain to cervical cord: spatial distribution and correlation with disability. Brain, 2020, 143, 2089-2105.	7.6	34
13	A Multi-Target Motor Imagery Training Using Bimodal EEG-fMRI Neurofeedback: A Pilot Study in Chronic Stroke Patients. Frontiers in Human Neuroscience, 2020, 14, 37.	2.0	36
14	Exposure of pregnant women to organophosphate insecticides and child motor inhibition at the age of 10â€“12 years evaluated by fMRI. Environmental Research, 2020, 188, 109859.	7.5	17
15	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
16	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
17	Focal and diffuse cervical spinal cord damage in patients with early relapsingâ€“remitting MS: A multicentre magnetisation transfer ratio study. Multiple Sclerosis Journal, 2019, 25, 1113-1123.	3.0	12
18	Effect of Prenatal Organic Solvent Exposure on Structural Connectivity at Childhood. , 2019, , .		1

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19	Prenatal exposure to glycol ethers and motor inhibition function evaluated by functional MRI at the age of 10 to 12â€¯years in the PELAGIE mother-child cohort. Environment International, 2019, 133, 105163.	10.0	2
20	Spatial distribution of multiple sclerosis lesions in the cervical spinal cord. Brain, 2019, 142, 633-646.	7.6	75
21	Joint assessment of brain and spinal cord motor tract damage in patients with early RRMS: predominant impact of spinal cord lesions on motor function. Journal of Neurology, 2019, 266, 2294-2303.	3.6	2
22	Implementation of a New Food Picture Database in the Context of fMRI and Visual Cognitive Food-Choice Task in Healthy Volunteers. Frontiers in Psychology, 2019, 10, 2620.	2.1	2
23	Measurement of magnetization transfer ratio (MTR) from cervical spinal cord: Multicenter reproducibility and variability. Journal of Magnetic Resonance Imaging, 2019, 49, 1777-1785.	3.4	3
24	Automatic segmentation of the spinal cord and intramedullary multiple sclerosis lesions with convolutional neural networks. NeuroImage, 2019, 184, 901-915.	4.2	163
25	USPIO-positive MS lesions are associated with greater tissue damage than gadolinium-positive-only lesions during 3-year follow-up. Multiple Sclerosis Journal, 2018, 24, 1852-1861.	3.0	1
26	Non-invasive measurement of liver iron concentration using 3-Tesla magnetic resonance imaging: validation against biopsy. European Radiology, 2018, 28, 2022-2030.	4.5	49
27	Block-Matching Distortion Correction of Echo-Planar Images With Opposite Phase Encoding Directions. IEEE Transactions on Medical Imaging, 2017, 36, 1106-1115.	8.9	26
28	Assessment of liver iron overload by 3ÂT MRI. Abdominal Radiology, 2017, 42, 1713-1720.	2.1	21
29	MRI for the measurement of liver iron content, and for the diagnosis and follow-up of iron overload disorders. Presse Medicale, 2017, 46, e279-e287.	1.9	23
30	Unimodal Versus Bimodal EEG-fMRI Neurofeedback of a Motor Imagery Task. Frontiers in Human Neuroscience, 2017, 11, 193.	2.0	51
31	How to Build a Hybrid Neurofeedback Platform Combining EEG and fMRI. Frontiers in Neuroscience, 2017, 11, 140.	2.8	41
32	The effect of water suppression on the hepatic lipid quantification, as assessed by the LCModel, in a preclinical and clinical scenario. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2016, 29, 29-37.	2.0	2
33	Dynamic contrastâ€enhanced MRI: Study of interâ€software accuracy and reproducibility using simulated and clinical data. Journal of Magnetic Resonance Imaging, 2016, 43, 1288-1300.	3.4	31
34	Ultra-small superparamagnetic iron oxide enhancement is associated with higher loss of brain tissue structure in clinically isolated syndrome. Multiple Sclerosis Journal, 2016, 22, 1032-1039.	3.0	17
35	Predictive Value of Imaging Markers at Multiple Sclerosis Disease Onset Based on Gadolinium- and USPIO-Enhanced MRI and Machine Learning. PLoS ONE, 2014, 9, e93024.	2.5	24
36	Time-resolved Spin-labeled MR Angiography for the Depiction of Cerebral Arteriovenous Malformations: A Comparison of Techniques. Radiology, 2014, 271, 524-533.	7.3	28

#	Article	IF	Citations
37	Templateâ€based approach for detecting motor task activationâ€related hyperperfusion in pulsed ASL data. Human Brain Mapping, 2014, 35, 1179-1189.	3.6	4
38	Hemodynamic Quantification in Brain Arteriovenous Malformations With Time-Resolved Spin-Labeled Magnetic Resonance Angiography. Stroke, 2014, 45, 2461-2464.	2.0	33
39	Non-ECG-gated unenhanced MRA of the carotids: Optimization and clinical feasibility. European Radiology, 2013, 23, 3020-3028.	4.5	11
40	Arterial spin labeling (ASL) perfusion: Techniques and clinical use. Diagnostic and Interventional Imaging, 2013, 94, 1211-1223.	3.2	104
41	Functional arterial spin labeling: Optimal sequence duration for motor activation mapping in clinical practice. Journal of Magnetic Resonance Imaging, 2012, 36, 1435-1444.	3.4	3
42	Improving quality of arterial spin labeling MR imaging at 3 tesla with a 32â€channel coil and parallel imaging. Journal of Magnetic Resonance Imaging, 2012, 35, 1233-1239.	3.4	23
43	Arterial spin labeling for motor activation mapping at 3T with a 32-channel coil: Reproducibility and spatial accuracy in comparison with BOLD fMRI. NeuroImage, 2011, 58, 157-167.	4.2	42
44	Hyperpolarized³He MR for Sensitive Imaging of Ventilation Function and Treatment Efficiency in Young Cystic Fibrosis Patients with Normal Lung Function. Radiology, 2010, 255, 225-232.	7.3	79
45	Free Breathing Hyperpolarized 3He Lung Ventilation Spiral MR Imaging. Investigative Radiology, 2009, 44, 185-191.	6.2	6
46	Brain Responses to Food Choices and Decisions Depend on Individual Hedonic Profiles and Eating Habits in Healthy Young Women. Frontiers in Nutrition, 0, 9, .	3.7	5