

Elise Banner

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,204
citations

361296

20
h-index

414303

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. <i>Neurobiology of Aging</i> , 2022, 110, 1-12.	1.5	2
2	Interactions between emotions and eating behaviors: Main issues, neuroimaging contributions, and innovative preventive or corrective strategies. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2022, 23, 807-831.	2.6	20
3	Prognostic value of spinal cord MRI in multiple sclerosis patients. <i>Revue Neurologique</i> , 2021, 177, 571-581.	0.6	7
4	The Open Brain Consent: Informing research participants and obtaining consent to share brain imaging data. <i>Human Brain Mapping</i> , 2021, 42, 1945-1951.	1.9	27
5	Multimodal brain imaging connectivity analyses of emotional and motivational deficits in depression among women. <i>Journal of Psychiatry and Neuroscience</i> , 2021, 46, E303-E312.	1.4	8
6	Recommandations pour la mise en place d'études multicentriques avec IRM. <i>Journal D'imagerie Diagnostique Et Interventionnelle</i> , 2021, , .	0.0	0
7	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , 2021, 109, 1769-1775.	3.8	27
8	The impact of neurofeedback on effective connectivity networks in chronic stroke patients: an exploratory study. <i>Journal of Neural Engineering</i> , 2021, 18, 056052.	1.8	5
9	Effect of distortion corrections on the tractography quality in spinal cord diffusion-weighted imaging. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 3241-3255.	1.9	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. <i>Journal of Neuro-Oncology</i> , 2021, 155, 287-295.	1.4	6
11	Simultaneous EEG-fMRI during a neurofeedback task, a brain imaging dataset for multimodal data integration. <i>Scientific Data</i> , 2020, 7, 173.	2.4	11
12	Multiple sclerosis lesions in motor tracts from brain to cervical cord: spatial distribution and correlation with disability. <i>Brain</i> , 2020, 143, 2089-2105.	3.7	34
13	A Multi-Target Motor Imagery Training Using Bimodal EEG-fMRI Neurofeedback: A Pilot Study in Chronic Stroke Patients. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 37.	1.0	36
14	Exposure of pregnant women to organophosphate insecticides and child motor inhibition at the age of 10-12 years evaluated by fMRI. <i>Environmental Research</i> , 2020, 188, 109859.	3.7	17
15	Artificial intelligence to predict clinical disability in patients with multiple sclerosis using FLAIR MRI. <i>Diagnostic and Interventional Imaging</i> , 2020, 101, 795-802.	1.8	46
16	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.	0.6	46
17	Focal and diffuse cervical spinal cord damage in patients with early relapsing-remitting MS: A multicentre magnetisation transfer ratio study. <i>Multiple Sclerosis Journal</i> , 2019, 25, 1113-1123.	1.4	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 12 years in the PELAGIE mother-child cohort. <i>Environment International</i> , 2019, 133, 105163.	4.8	2
20	Spatial distribution of multiple sclerosis lesions in the cervical spinal cord. <i>Brain</i> , 2019, 142, 633-646.	3.7	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. <i>Journal of Neurology</i> , 2019, 266, 2294-2303.	1.8	2
22	Implementation of a New Food Picture Database in the Context of fMRI and Visual Cognitive Food-Choice Task in Healthy Volunteers. <i>Frontiers in Psychology</i> , 2019, 10, 2620.	1.1	2
23	Measurement of magnetization transfer ratio (MTR) from cervical spinal cord: Multicenter reproducibility and variability. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1777-1785.	1.9	3
24	Automatic segmentation of the spinal cord and intramedullary multiple sclerosis lesions with convolutional neural networks. <i>NeuroImage</i> , 2019, 184, 901-915.	2.1	163
25	USPIO-positive MS lesions are associated with greater tissue damage than gadolinium-positive-only lesions during 3-year follow-up. <i>Multiple Sclerosis Journal</i> , 2018, 24, 1852-1861.	1.4	1
26	Non-invasive measurement of liver iron concentration using 3-Tesla magnetic resonance imaging: validation against biopsy. <i>European Radiology</i> , 2018, 28, 2022-2030.	2.3	49
27	Block-Matching Distortion Correction of Echo-Planar Images With Opposite Phase Encoding Directions. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 1106-1115.	5.4	26
28	Assessment of liver iron overload by 3T MRI. <i>Abdominal Radiology</i> , 2017, 42, 1713-1720.	1.0	21
29	MRI for the measurement of liver iron content, and for the diagnosis and follow-up of iron overload disorders. <i>Presse Medicale</i> , 2017, 46, e279-e287.	0.8	23
30	Unimodal Versus Bimodal EEG-fMRI Neurofeedback of a Motor Imagery Task. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 193.	1.0	51
31	How to Build a Hybrid Neurofeedback Platform Combining EEG and fMRI. <i>Frontiers in Neuroscience</i> , 2017, 11, 140.	1.4	41
32	The effect of water suppression on the hepatic lipid quantification, as assessed by the LCModel, in a preclinical and clinical scenario. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2016, 29, 29-37.	1.1	2
33	Dynamic contrast-enhanced MRI: Study of inter-software accuracy and reproducibility using simulated and clinical data. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 1288-1300.	1.9	31
34	Ultra-small superparamagnetic iron oxide enhancement is associated with higher loss of brain tissue structure in clinically isolated syndrome. <i>Multiple Sclerosis Journal</i> , 2016, 22, 1032-1039.	1.4	17
35	Predictive Value of Imaging Markers at Multiple Sclerosis Disease Onset Based on Gadolinium- and USPIO-Enhanced MRI and Machine Learning. <i>PLoS ONE</i> , 2014, 9, e93024.	1.1	24
36	Time-resolved Spin-labeled MR Angiography for the Depiction of Cerebral Arteriovenous Malformations: A Comparison of Techniques. <i>Radiology</i> , 2014, 271, 524-533.	3.6	28

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37	Template-based approach for detecting motor task activation-related hyperperfusion in pulsed ASL data. <i>Human Brain Mapping</i> , 2014, 35, 1179-1189.	1.9	4
38	Hemodynamic Quantification in Brain Arteriovenous Malformations With Time-Resolved Spin-Labeled Magnetic Resonance Angiography. <i>Stroke</i> , 2014, 45, 2461-2464.	1.0	33
39	Non-ECG-gated unenhanced MRA of the carotids: Optimization and clinical feasibility. <i>European Radiology</i> , 2013, 23, 3020-3028.	2.3	11
40	Arterial spin labeling (ASL) perfusion: Techniques and clinical use. <i>Diagnostic and Interventional Imaging</i> , 2013, 94, 1211-1223.	1.8	104
41	Functional arterial spin labeling: Optimal sequence duration for motor activation mapping in clinical practice. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 1435-1444.	1.9	3
42	Improving quality of arterial spin labeling MR imaging at 3 tesla with a 32-channel coil and parallel imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 1233-1239.	1.9	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. <i>NeuroImage</i> , 2011, 58, 157-167.	2.1	42
44	Hyperpolarized ³ He MR for Sensitive Imaging of Ventilation Function and Treatment Efficiency in Young Cystic Fibrosis Patients with Normal Lung Function. <i>Radiology</i> , 2010, 255, 225-232.	3.6	79
45	Free Breathing Hyperpolarized ³ He Lung Ventilation Spiral MR Imaging. <i>Investigative Radiology</i> , 2009, 44, 185-191.	3.5	6
46	Brain Responses to Food Choices and Decisions Depend on Individual Hedonic Profiles and Eating Habits in Healthy Young Women. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	5