

Baris Kanber

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

749
citations

840776

11
h-index

552781

26
g-index

33
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33
docs citations

33
times ranked

1362
citing authors

#	ARTICLE	IF	CITATIONS
1	Visual Function and Brief Cognitive Assessment for Multiple Sclerosis in Optic Neuritis Clinically Isolated Syndrome Patients. <i>Journal of Neuro-Ophthalmology</i> , 2022, 42, e22-e31.	0.8	4
2	Spatial patterns of brain lesions assessed through covariance estimations of lesional voxels in multiple Sclerosis: The SPACE-MS technique. <i>NeuroImage: Clinical</i> , 2022, 33, 102904.	2.7	5
3	Retinoid-X receptor agonism promotes remyelination in relapsing-remitting multiple sclerosis: a phase 2 clinical trial. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, A92.3-A92.	1.9	1
4	Ongoing microstructural changes in the cervical cord underpin disability progression in early primary progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2021, 27, 28-38.	3.0	11
5	Musclesense: a Trained, Artificial Neural Network for the Anatomical Segmentation of Lower Limb Magnetic Resonance Images in Neuromuscular Diseases. <i>Neuroinformatics</i> , 2021, 19, 379-383.	2.8	2
6	Detection of covert lesions in focal epilepsy using computational analysis of multimodal magnetic resonance imaging data. <i>Epilepsia</i> , 2021, 62, 807-816.	5.1	9
7	Brain microstructural and metabolic alterations detected <i>in vivo</i> at onset of the first demyelinating event. <i>Brain</i> , 2021, 144, 1409-1421.	7.6	24
8	Cortical involvement determines impairment 30 years after a clinically isolated syndrome. <i>Brain</i> , 2021, 144, 1384-1395.	7.6	24
9	Comparison of Neurite Orientation Dispersion and Density Imaging and Two-Compartment Spherical Mean Technique Parameter Maps in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2021, 12, 662855.	2.4	12
10	Utility of diffusion MRI characteristics of cervical lymph nodes as disease classifier between patients with head and neck squamous cell carcinoma and healthy volunteers. <i>NMR in Biomedicine</i> , 2021, 34, e4587.	2.8	0
11	Non-parametric combination of multimodal MRI for lesion detection in focal epilepsy. <i>NeuroImage: Clinical</i> , 2021, 32, 102837.	2.7	3
12	Safety and efficacy of bexarotene in patients with relapsing-remitting multiple sclerosis (CCMR One): a randomised, double-blind, placebo-controlled, parallel-group, phase 2a study. <i>Lancet Neurology</i> , The, 2021, 20, 709-720.	10.2	44
13	Clinical relevance of cortical network dynamics in early primary progressive MS. <i>Multiple Sclerosis Journal</i> , 2020, 26, 442-456.	3.0	14
14	A multi-shell multi-tissue diffusion study of brain connectivity in early multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2020, 26, 774-785.	3.0	13
15	Magnetisation transfer ratio abnormalities in primary and secondary progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2020, 26, 679-687.	3.0	11
16	Single-subject structural cortical networks in clinically isolated syndrome. <i>Multiple Sclerosis Journal</i> , 2020, 26, 1392-1401.	3.0	10
17	Reduced neurite density in the brain and cervical spinal cord in relapsing-remitting multiple sclerosis: A NODDI study. <i>Multiple Sclerosis Journal</i> , 2020, 26, 1647-1657.	3.0	48
18	Neurosense: deep sensing of full or near-full coverage head/brain scans in human magnetic resonance imaging. <i>Neuroinformatics</i> , 2020, 18, 333-336.	2.8	0

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19	Sodium in the Relapsingâ€“Remitting Multiple Sclerosis Spinal Cord: Increased Concentrations and Associations With Microstructural Tissue Anisotropy. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1429-1438.	3.4	8
20	White matter integrity correlates with cognition and disease severity in Fabry disease. <i>Brain</i> , 2020, 143, 3331-3342.	7.6	12
21	Validation of computational lesion detection methods in magnetic resonance imagingâ€“negative, focal epilepsy. <i>Epilepsia</i> , 2020, 61, 828-830.	5.1	2
22	Disrupted principal network organisation in multiple sclerosis relates to disability. <i>Scientific Reports</i> , 2020, 10, 3620.	3.3	2
23	A preclinical ultrasound method for the assessment of vascular disease progression in murine models. <i>Ultrasound</i> , 2019, 27, 85-93.	0.7	3
24	Learning to see the invisible: A dataâ€“driven approach to finding the underlying patterns of abnormality in visually normal brain magnetic resonance images in patients with temporal lobe epilepsy. <i>Epilepsia</i> , 2019, 60, 2499-2507.	5.1	14
25	High-dimensional detection of imaging response to treatment in multiple sclerosis. <i>Npj Digital Medicine</i> , 2019, 2, 49.	10.9	12
26	Structural network disruption markers explain disability in multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 219-226.	1.9	37
27	ABCD Neurocognitive Prediction Challenge 2019: Predicting Individual Residual Fluid Intelligence Scores from Cortical Grey Matter Morphology. <i>Lecture Notes in Computer Science</i> , 2019, , 114-123.	1.3	6
28	ABCD Neurocognitive Prediction Challenge 2019: Predicting Individual Fluid Intelligence Scores from Structural MRI Using Probabilistic Segmentation and Kernel Ridge Regression. <i>Lecture Notes in Computer Science</i> , 2019, , 133-142.	1.3	18
29	Longitudinal Analysis Framework of DWI Data for Reconstructing Structural Brain Networks with Application to Multiple Sclerosis. <i>Mathematics and Visualization</i> , 2018, , 205-218.	0.6	0
30	Fully Automated Patch-Based Image Restoration: Application to Pathology Inpainting. <i>Lecture Notes in Computer Science</i> , 2016, , 3-15.	1.3	2
31	A multi-time-point modality-agnostic patch-based method for lesion filling in multiple sclerosis. <i>NeuroImage</i> , 2016, 139, 376-384.	4.2	74
32	Predicting Response of Colorectal Hepatic Metastasis: Value of Pretreatment Apparent Diffusion Coefficients. <i>American Journal of Roentgenology</i> , 2007, 188, 1001-1008.	2.2	324