Baris Kanber

List of Publications by Year
in descending order

32 papers	749 citations	11 h-index	26 g-index

840776

552781

33 all docs	33 docs citations	33 times ranked	1362 citing authors

#	Article	IF	Citations
1	Predicting Response of Colorectal Hepatic Metastasis: Value of Pretreatment Apparent Diffusion Coefficients. American Journal of Roentgenology, 2007, 188, 1001-1008.	2.2	324
2	A multi-time-point modality-agnostic patch-based method for lesion filling in multiple sclerosis. NeuroImage, 2016, 139, 376-384.	4.2	74
3	Reduced neurite density in the brain and cervical spinal cord in relapsing–remitting multiple sclerosis: A NODDI study. Multiple Sclerosis Journal, 2020, 26, 1647-1657.	3.0	48
4	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. Lancet Neurology, The, 2021, 20, 709-720.	10.2	44
5	Structural network disruption markers explain disability in multiple sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 219-226.	1.9	37
6	Brain microstructural and metabolic alterations detected *in vivo* at onset of the first demyelinating event. Brain, 2021, 144, 1409-1421.	7.6	24
7	Cortical involvement determines impairment 30 years after a clinically isolated syndrome. Brain, 2021, 144, 1384-1395.	7.6	24
8	ABCD Neurocognitive Prediction Challenge 2019: Predicting Individual Fluid Intelligence Scores from Structural MRI Using Probabilistic Segmentation and Kernel Ridge Regression. Lecture Notes in Computer Science, 2019, , 133-142.	1.3	18
9	Learning to see the invisible: A data‐driven approach to finding the underlying patterns of abnormality in visually normal brain magnetic resonance images in patients with temporal lobe epilepsy. Epilepsia, 2019, 60, 2499-2507.	5.1	14
10	Clinical relevance of cortical network dynamics in early primary progressive MS. Multiple Sclerosis Journal, 2020, 26, 442-456.	3.0	14
11	A multi-shell multi-tissue diffusion study of brain connectivity in early multiple sclerosis. Multiple Sclerosis Journal, 2020, 26, 774-785.	3.0	13
12	High-dimensional detection of imaging response to treatment in multiple sclerosis. Npj Digital Medicine, 2019, 2, 49.	10.9	12
13	White matter integrity correlates with cognition and disease severity in Fabry disease. Brain, 2020, 143, 3331-3342.	7.6	12
14	Comparison of Neurite Orientation Dispersion and Density Imaging and Two-Compartment Spherical Mean Technique Parameter Maps in Multiple Sclerosis. Frontiers in Neurology, 2021, 12, 662855.	2.4	12
15	Magnetisation transfer ratio abnormalities in primary and secondary progressive multiple sclerosis. Multiple Sclerosis Journal, 2020, 26, 679-687.	3.0	11
16	Ongoing microstructural changes in the cervical cord underpin disability progression in early primary progressive multiple sclerosis. Multiple Sclerosis Journal, 2021, 27, 28-38.	3.0	11
17	Single-subject structural cortical networks in clinically isolated syndrome. Multiple Sclerosis Journal, 2020, 26, 1392-1401.	3.0	10
18	Detection of covert lesions in focal epilepsy using computational analysis of multimodal magnetic resonance imaging data. Epilepsia, 2021, 62, 807-816.	5.1	9

#	Article	IF	Citations
19	Sodium in the Relapsing–Remitting Multiple Sclerosis Spinal Cord: Increased Concentrations and Associations With Microstructural Tissue Anisotropy. Journal of Magnetic Resonance Imaging, 2020, 52, 1429-1438.	3.4	8
20	ABCD Neurocognitive Prediction Challenge 2019: Predicting Individual Residual Fluid Intelligence Scores from Cortical Grey Matter Morphology. Lecture Notes in Computer Science, 2019, , 114-123.	1.3	6
21	Spatial patterns of brain lesions assessed through covariance estimations of lesional voxels in multiple Sclerosis: The SPACE-MS technique. NeuroImage: Clinical, 2022, 33, 102904.	2.7	5
22	Visual Function and Brief Cognitive Assessment for Multiple Sclerosis in Optic Neuritis Clinically Isolated Syndrome Patients. Journal of Neuro-Ophthalmology, 2022, 42, e22-e31.	0.8	4
23	A preclinical ultrasound method for the assessment of vascular disease progression in murine models. Ultrasound, 2019, 27, 85-93.	0.7	3
24	Non-parametric combination of multimodal MRI for lesion detection in focal epilepsy. NeuroImage: Clinical, 2021, 32, 102837.	2.7	3
25	Fully Automated Patch-Based Image Restoration: Application to Pathology Inpainting. Lecture Notes in Computer Science, 2016, , 3-15.	1.3	2
26	Validation of computational lesion detection methods in magnetic resonance imaging–negative, focal epilepsy. Epilepsia, 2020, 61, 828-830.	5.1	2
27	Disrupted principal network organisation in multiple sclerosis relates to disability. Scientific Reports, 2020, 10, 3620.	3.3	2
28	Musclesense: a Trained, Artificial Neural Network for the Anatomical Segmentation of Lower Limb Magnetic Resonance Images in Neuromuscular Diseases. Neuroinformatics, 2021, 19, 379-383.	2.8	2
29	Retinoid-X receptor agonism promotes remyelination in relapsing-remitting multiple sclerosis: a phase 2 clinical trial. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, A92.3-A92.	1.9	1
30	Longitudinal Analysis Framework of DWI Data for Reconstructing Structural Brain Networks with Application to Multiple Sclerosis. Mathematics and Visualization, 2018, , 205-218.	0.6	0
31	Neurosense: deep sensing of full or near-full coverage head/brain scans in human magnetic resonance imaging. Neuroinformatics, 2020, 18, 333-336.	2.8	0
32	Utility of diffusion MRI characteristics of cervical lymph nodes as disease classifier between patients with head and neck squamous cell carcinoma and healthy volunteers. NMR in Biomedicine, 2021, 34, e4587.	2.8	0