Victoria L Morgan

List of Publications by Year
in descending order

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68 papers	2,524 citations	186265 28 h-index	214800 47 g-index
70 all docs	70 docs citations	70 times ranked	3380 citing authors

#	Article	IF	Citations
1	Assessing functional connectivity in the human brain by fMRI. Magnetic Resonance Imaging, 2007, 25, 1347-1357.	1.8	379
2	Regional and global connectivity disturbances in focal epilepsy, related neurocognitive sequelae, and potential mechanistic underpinnings. Epilepsia, 2016, 57, 1546-1557.	5.1	156
3	Spatio-Temporal Correlation Tensors Reveal Functional Structure in Human Brain. PLoS ONE, 2013, 8, e82107.	2.5	101
4	Cross hippocampal influence in mesial temporal lobe epilepsy measured with high temporal resolution functional magnetic resonance imaging. Epilepsia, 2011, 52, 1741-1749.	5.1	92
5	Comparison of fMRI statistical software packages and strategies for analysis of images containing random and stimulus-correlated motion. Computerized Medical Imaging and Graphics, 2007, 31, 436-446.	5.8	86
6	Visualizing functional pathways in the human brain using correlation tensors and magnetic resonance imaging. Magnetic Resonance Imaging, 2016, 34, 8-17.	1.8	82
7	Lateralization of temporal lobe epilepsy using resting functional magnetic resonance imaging connectivity of hippocampal networks. Epilepsia, 2012, 53, 1628-1635.	5.1	76
8	Evolution of Functional Connectivity of Brain Networks and Their Dynamic Interaction in Temporal Lobe Epilepsy. Brain Connectivity, 2015, 5, 35-44.	1.7	74
9	Alterations in default-mode network connectivity may be influenced by cerebrovascular changes within 1Âweek of sports related concussion in college varsity athletes: a pilot study. Brain Imaging and Behavior, 2016, 10, 559-568.	2.1	72
10	Resting state functional connectivity of the hippocampus associated with neurocognitive function in left temporal lobe epilepsy. Human Brain Mapping, 2014, 35, 735-744.	3.6	70
11	Magnetic resonance imaging connectivity for the prediction of seizure outcome in temporal lobe epilepsy. Epilepsia, 2017, 58, 1251-1260.	5.1	62
12	Functional connectivity disturbances of the ascending reticular activating system in temporal lobe epilepsy. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 925-932.	1.9	62
13	Resting functional MRI with temporal clustering analysis for localization of epileptic activity without EEG. NeuroImage, 2004, 21, 473-481.	4.2	61
14	Integrating Functional and Diffusion Magnetic Resonance Imaging for Analysis of Structure-Function Relationship in the Human Language Network. PLoS ONE, 2009, 4, e6660.	2.5	56
15	Task demand modulation of steady-state functional connectivity to primary motor cortex. Human Brain Mapping, 2007, 28, 663-672.	3.6	55
16	Functional epileptic network in left mesial temporal lobe epilepsy detected using resting fMRI. Epilepsy Research, 2010, 88, 168-178.	1.6	54
17	Functional MRI and multivariate autoregressive models. Magnetic Resonance Imaging, 2010, 28, 1058-1065.	1.8	52
18	Impaired vigilance networks in temporal lobe epilepsy: Mechanisms and clinical implications. Epilepsia, 2020, 61, 189-202.	5.1	51

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19	Relating structural and functional brainstem connectivity to disease measures in epilepsy. Neurology, 2018, 91, e67-e77.	1.1	48
20	Seizureâ€onset regions demonstrate high inward directed connectivity during restingâ€state: An SEEG study in focal epilepsy. Epilepsia, 2020, 61, 2534-2544.	5.1	45
21	PreQual: An automated pipeline for integrated preprocessing and quality assurance of diffusion weighted MRI images. Magnetic Resonance in Medicine, 2021, 86, 456-470.	3.0	43
22	Thalamic arousal network disturbances in temporal lobe epilepsy and improvement after surgery. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 1109-1116.	1.9	38
23	Brain fMRI Activation Associated with Self-Paced Finger Tapping in Chronic Alcohol-Dependent Patients. Alcoholism: Clinical and Experimental Research, 2003, 27, 704-711.	2.4	37
24	Thalamic Functional Connectivity in Mild TraumaticÂBrain Injury: Longitudinal AssociationsÂWith Patient-Reported OutcomesÂandÂNeuropsychological Tests. Archives of Physical Medicine and Rehabilitation, 2016, 97, 1254-1261.	0.9	36
25	The effect of sensorimotor activation on functional connectivity mapping with MRI. Magnetic Resonance Imaging, 2004, 22, 1069-1075.	1.8	34
26	Development of 2dTCA for the detection of irregular, transient bold activity. Human Brain Mapping, 2008, 29, 57-69.	3.6	34
27	Temporal lobe regions essential for preserved picture naming after left temporal epilepsy surgery. Epilepsia, 2020, 61, 1939-1948.	5.1	34
28	Comparison of functional MRI image realignment tools using a computer-generated phantom. Magnetic Resonance in Medicine, 2001, 46, 510-514.	3.0	32
29	Functional Networks in Temporal-Lobe Epilepsy: A Voxel-Wise Study of Resting-State Functional Connectivity and Gray-Matter Concentration. Brain Connectivity, 2013, 3, 22-30.	1.7	32
30	Resting-State SEEG May Help Localize Epileptogenic Brain Regions. Neurosurgery, 2020, 86, 792-801.	1.1	30
31	Cluster analysis detection of functional MRI activity in temporal lobe epilepsy. Epilepsy Research, 2007, 76, 22-33.	1.6	28
32	MRI essentials in epileptology: a review from the ILAE Imaging Taskforce. Epileptic Disorders, 2020, 22, 421-437.	1.3	28
33	fMRI-based detection of alertness predicts behavioral response variability. ELife, 2021, 10, .	6.0	28
34	Characterization of postsurgical functional connectivity changes in temporal lobe epilepsy. Journal of Neurosurgery, 2020, 133, 392-402.	1.6	25
35	Segmentation of the thalamus based on <scp>BOLD</scp> frequencies affected in temporal lobe epilepsy. Epilepsia, 2015, 56, 1819-1827.	5.1	24
36	Increasing structural atrophy and functional isolation of the temporal lobe with duration of disease in temporal lobe epilepsy. Epilepsy Research, 2015, 110, 171-178.	1.6	24

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37	Temporal clustering analysis: what does it tell us about the resting state of the brain?. Medical Science Monitor, 2008, 14, CR345-52.	1.1	20
38	Normal Three-Dimensional Pulmonary Artery Flow Determined by Phase Contrast Magnetic Resonance Imaging. Annals of Biomedical Engineering, 1998, 26, 557-566.	2.5	17
39	Temporal lobe epilepsy alters spatio-temporal dynamics of the hippocampal functional network. NeuroImage: Clinical, 2020, 26, 102254.	2.7	17
40	Divergent network properties that predict early surgical failure versus late recurrence in temporal lobe epilepsy. Journal of Neurosurgery, 2020, 132, 1324-1333.	1.6	17
41	A Bayesian Double Fusion Model for Resting-State Brain Connectivity Using Joint Functional and Structural Data. Brain Connectivity, 2017, 7, 219-227.	1.7	16
42	Role of the Nucleus Basalis as a Key Network Node in Temporal Lobe Epilepsy. Neurology, 2021, 96, e1334-e1346.	1.1	16
43	Presurgical temporal lobe epilepsy connectome fingerprint for seizure outcome prediction. Brain Communications, 2022, 4, .	3.3	16
44	Development of computer-generated phantoms for FMRI software evaluation. Magnetic Resonance Imaging, 2005, 23, 653-663.	1.8	15
45	Realistic models of apparent dynamic changes in restingâ€state connectivity in somatosensory cortex. Human Brain Mapping, 2016, 37, 3897-3910.	3.6	12
46	Brainstem Functional Connectivity Disturbances in Epilepsy may Recover After Successful Surgery. Neurosurgery, 2020, 86, 417-428.	1.1	12
47	Prediction of Naming Outcome With fMRI Language Lateralization in Left Temporal Epilepsy Surgery. Neurology, 2022, 98, .	1.1	12
48	People with mesial temporal lobe epilepsy have altered thalamo-occipital brain networks. Epilepsy and Behavior, 2021, 115, 107645.	1.7	10
49	Common functional connectivity alterations in focal epilepsies identified by machine learning. Epilepsia, 2022, 63, 629-640.	5.1	10
50	Attitudes of Radiology Program Directors Toward MD-PhD Trainees, Resident Research Productivity, and Dedicated Research Time. Academic Radiology, 2018, 25, 733-738.	2.5	9
51	MRI network progression in mesial temporal lobe epilepsy related to healthy brain architecture. Network Neuroscience, 2021, 5, 434-450.	2.6	9
52	Detection of irregular, transient fMRI activity in normal controls using 2dTCA: Comparison to eventâ€related analysis using known timing. Human Brain Mapping, 2009, 30, 3393-3405.	3.6	8
53	Two-Dimensional Temporal Clustering Analysis for Patients with Epilepsy: Detecting Epilepsy-Related Information in EEG-fMRI Concordant, Discordant and Spike-Less Patients. Brain Topography, 2018, 31, 322-336.	1.8	8
54	Changes in description naming for common and proper nouns after left anterior temporal lobectomy. Epilepsy and Behavior, 2020, 106, 106912.	1.7	8

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55	Imaging characteristics of temporopolar blurring in the context of hippocampal sclerosis. Epileptic Disorders, 2022, 24, 1-8.	1.3	7
56	SEEG Functional Connectivity Measures to Identify Epileptogenic Zones. Neurology, 2022, 98, .	1.1	7
57	ILAE Neuroimaging Task Force Highlight: harnessing optimized imaging protocols for drugâ€resistant childhood epilepsy. Epileptic Disorders, 2021, 23, 675-681.	1.3	6
58	Characterization of resting functional MRI activity alterations across epileptic foci and networks. Cerebral Cortex, 2022, 32, 5555-5568.	2.9	5
59	Functional connectivity between mesial temporal and default mode structures may help lateralize surgical temporal lobe epilepsy. Journal of Neurosurgery, 2022, 137, 1571-1581.	1.6	5
60	Interindividual Signatures of fMRI Temporal Fluctuations. Cerebral Cortex, 2021, 31, 4450-4463.	2.9	4
61	A structural connectivity approach to validate a model-based technique for the segmentation of the pulvinar complex. , 2018, 10578, .		4
62	ILAE Neuroimaging Task Force highlight: Review MRI scans with semiology in mind. Epileptic Disorders, 2020, 22, 683-687.	1.3	4
63	Network Analyses in Epilepsy. Neurology, 2021, 96, 195-196.	1.1	3
64	Increased MRI volumetric correlation contralateral to seizure focus in temporal lobe epilepsy. Epilepsy Research, 2016, 126, 53-61.	1.6	2
65	Resting-state hippocampal networks related to language processing reveal unique patterns in temporal lobe epilepsy. Epilepsy and Behavior, 2021, 117, 107834.	1.7	2
66	Establishing surface correspondence for post-surgical cortical thickness changes in temporal lobe epilepsy. , 2021, 11596, .		1
67	Arousal and salience network connectivity alterations in surgical temporal lobe epilepsy. Journal of Neurosurgery, 2022, , 1-11.	1.6	1
68	Parameterization of motion artifacts in fMRI time series using autoregressive models for the construction of computer-generated phantoms. , 2006, , .		0