

Abraham Z Snyder

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

150
papers

34,841
citations

63
h-index

175
g-index

175
ext. papers

42,378
ext. citations

8.4
avg, IF

7.3
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 150 | The human brain is intrinsically organized into dynamic, anticorrelated functional networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 9673-8 | 11.5 | 6098 |
| 149 | Spurious but systematic correlations in functional connectivity MRI networks arise from subject motion. <i>NeuroImage</i> , 2012 , 59, 2142-54 | 7.9 | 4817 |
| 148 | Distinct brain networks for adaptive and stable task control in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 11073-8 | 11.5 | 1857 |
| 147 | Methods to detect, characterize, and remove motion artifact in resting state fMRI. <i>NeuroImage</i> , 2014 , 84, 320-41 | 7.9 | 1793 |
| 146 | A default mode of brain function: a brief history of an evolving idea. <i>NeuroImage</i> , 2007 , 37, 1083-90; discussion 1097-9 | 7.9 | 1570 |
| 145 | Spontaneous neuronal activity distinguishes human dorsal and ventral attention systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 10046-51 | 11.5 | 1515 |
| 144 | The global signal and observed anticorrelated resting state brain networks. <i>Journal of Neurophysiology</i> , 2009 , 101, 3270-83 | 3.2 | 1439 |
| 143 | A unified approach for morphometric and functional data analysis in young, old, and demented adults using automated atlas-based head size normalization: reliability and validation against manual measurement of total intracranial volume. <i>NeuroImage</i> , 2004 , 23, 724-38 | 7.9 | 905 |
| 142 | Resting-state fMRI in the Human Connectome Project. <i>NeuroImage</i> , 2013 , 80, 144-68 | 7.9 | 865 |
| 141 | Breakdown of functional connectivity in frontoparietal networks underlies behavioral deficits in spatial neglect. <i>Neuron</i> , 2007 , 53, 905-18 | 13.9 | 729 |
| 140 | Neural basis and recovery of spatial attention deficits in spatial neglect. <i>Nature Neuroscience</i> , 2005 , 8, 1603-10 | 25.5 | 652 |
| 139 | Functional deactivations: change with age and dementia of the Alzheimer type. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 14504-9 | 11.5 | 602 |
| 138 | The temporal structures and functional significance of scale-free brain activity. <i>Neuron</i> , 2010 , 66, 353-69 | 13.9 | 596 |
| 137 | Anatomic localization and quantitative analysis of gradient refocused echo-planar fMRI susceptibility artifacts. <i>NeuroImage</i> , 1997 , 6, 156-67 | 7.9 | 556 |
| 136 | Electrophysiological correlates of the brain's intrinsic large-scale functional architecture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 16039-44 | 11.5 | 526 |
| 135 | Precision Functional Mapping of Individual Human Brains. <i>Neuron</i> , 2017 , 95, 791-807.e7 | 13.9 | 524 |
| 134 | Functional System and Areal Organization of a Highly Sampled Individual Human Brain. <i>Neuron</i> , 2015 , 87, 657-70 | 13.9 | 498 |

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| 133 | Detection of blast-related traumatic brain injury in U.S. military personnel. <i>New England Journal of Medicine</i> , 2011 , 364, 2091-100 | 59.2 | 470 |
| 132 | Human brain activity time-locked to perceptual event boundaries. <i>Nature Neuroscience</i> , 2001 , 4, 651-5 | 25.5 | 379 |
| 131 | Right hemisphere dominance during spatial selective attention and target detection occurs outside the dorsal frontoparietal network. <i>Journal of Neuroscience</i> , 2010 , 30, 3640-51 | 6.6 | 376 |
| 130 | Distinct cortical anatomy linked to subregions of the medial temporal lobe revealed by intrinsic functional connectivity. <i>Journal of Neurophysiology</i> , 2008 , 100, 129-39 | 3.2 | 371 |
| 129 | Functional Brain Networks Are Dominated by Stable Group and Individual Factors, Not Cognitive or Daily Variation. <i>Neuron</i> , 2018 , 98, 439-452.e5 | 13.9 | 367 |
| 128 | Mapping distributed brain function and networks with diffuse optical tomography. <i>Nature Photonics</i> , 2014 , 8, 448-454 | 33.9 | 308 |
| 127 | Resting state functional connectivity of the striatum in Parkinson's disease. <i>Brain</i> , 2012 , 135, 3699-711 | 11.2 | 297 |
| 126 | Disruptions of network connectivity predict impairment in multiple behavioral domains after stroke. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E4367-76 | 11.5 | 290 |
| 125 | Noninvasive functional and structural connectivity mapping of the human thalamocortical system. <i>Cerebral Cortex</i> , 2010 , 20, 1187-94 | 5.1 | 275 |
| 124 | On the Stability of BOLD fMRI Correlations. <i>Cerebral Cortex</i> , 2017 , 27, 4719-4732 | 5.1 | 274 |
| 123 | Blood flow changes in human somatosensory cortex during anticipated stimulation. <i>Nature</i> , 1995 , 373, 249-52 | 50.4 | 268 |
| 122 | Loss of resting interhemispheric functional connectivity after complete section of the corpus callosum. <i>Journal of Neuroscience</i> , 2008 , 28, 6453-8 | 6.6 | 247 |
| 121 | Long-term neural and physiological phenotyping of a single human. <i>Nature Communications</i> , 2015 , 6, 8885 | 17.4 | 237 |
| 120 | Aerobic glycolysis in the human brain is associated with development and neotenus gene expression. <i>Cell Metabolism</i> , 2014 , 19, 49-57 | 24.6 | 216 |
| 119 | Resting state network estimation in individual subjects. <i>NeuroImage</i> , 2013 , 82, 616-633 | 7.9 | 174 |
| 118 | Data Quality Influences Observed Links Between Functional Connectivity and Behavior. <i>Cerebral Cortex</i> , 2017 , 27, 4492-4502 | 5.1 | 171 |
| 117 | A brief history of the resting state: the Washington University perspective. <i>NeuroImage</i> , 2012 , 62, 902-10 | 7.9 | 161 |
| 116 | Imaging of functional connectivity in the mouse brain. <i>PLoS ONE</i> , 2011 , 6, e16322 | 3.7 | 161 |

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| 115 | The emotional modulation of cognitive processing: an fMRI study. <i>Journal of Cognitive Neuroscience</i> , 2000 , 12 Suppl 2, 157-70 | 3.1 | 148 |
| 114 | Real-time motion analytics during brain MRI improve data quality and reduce costs. <i>NeuroImage</i> , 2017 , 161, 80-93 | 7.9 | 140 |
| 113 | Partial volume correction in quantitative amyloid imaging. <i>NeuroImage</i> , 2015 , 107, 55-64 | 7.9 | 138 |
| 112 | Interpreting temporal fluctuations in resting-state functional connectivity MRI. <i>NeuroImage</i> , 2017 , 163, 437-455 | 7.9 | 135 |
| 111 | Spatial and Temporal Organization of the Individual Human Cerebellum. <i>Neuron</i> , 2018 , 100, 977-993.e7 | 13.9 | 127 |
| 110 | Resting-state activity in development and maintenance of normal brain function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 11638-43 | 11.5 | 126 |
| 109 | Clustering of resting state networks. <i>PLoS ONE</i> , 2012 , 7, e40370 | 3.7 | 124 |
| 108 | Lag threads organize the brain's intrinsic activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E2235-44 | 11.5 | 122 |
| 107 | Large-scale changes in network interactions as a physiological signature of spatial neglect. <i>Brain</i> , 2014 , 137, 3267-83 | 11.2 | 114 |
| 106 | On the role of the corpus callosum in interhemispheric functional connectivity in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 13278-13283 | 11.5 | 105 |
| 105 | Resting-State Network Complexity and Magnitude Are Reduced in Prematurely Born Infants. <i>Cerebral Cortex</i> , 2016 , 26, 322-333 | 5.1 | 104 |
| 104 | A novel data-driven approach to preoperative mapping of functional cortex using resting-state functional magnetic resonance imaging. <i>Neurosurgery</i> , 2013 , 73, 969-82; discussion 982-3 | 3.2 | 100 |
| 103 | Functional MRI studies of word-stem completion: reliability across laboratories and comparison to blood flow imaging with PET. <i>Human Brain Mapping</i> , 1998 , 6, 203-15 | 5.9 | 99 |
| 102 | Spontaneous Infra-slow Brain Activity Has Unique Spatiotemporal Dynamics and Laminar Structure. <i>Neuron</i> , 2018 , 98, 297-305.e6 | 13.9 | 97 |
| 101 | Transient BOLD responses at block transitions. <i>NeuroImage</i> , 2005 , 28, 956-66 | 7.9 | 91 |
| 100 | Optical imaging of disrupted functional connectivity following ischemic stroke in mice. <i>NeuroImage</i> , 2014 , 99, 388-401 | 7.9 | 90 |
| 99 | Registration of [18F]FDG microPET and small-animal MRI. <i>Nuclear Medicine and Biology</i> , 2005 , 32, 567-72.e1 | | 89 |
| 98 | Impaired and facilitated functional networks in temporal lobe epilepsy. <i>NeuroImage: Clinical</i> , 2013 , 2, 862-72 | 5.3 | 87 |

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| 97 | Prediction of brain maturity in infants using machine-learning algorithms. <i>NeuroImage</i> , 2016 , 136, 1-9 | 7.9 | 79 |
| 96 | Corrigendum to: Local Perturbations of Cortical Excitability Propagate Differentially Through Large-Scale Functional Networks. <i>Cerebral Cortex</i> , 2020 , 30, 3430-3430 | 5.1 | 78 |
| 95 | Integrative and Network-Specific Connectivity of the Basal Ganglia and Thalamus Defined in Individuals. <i>Neuron</i> , 2020 , 105, 742-758.e6 | 13.9 | 74 |
| 94 | Correction of respiratory artifacts in MRI head motion estimates. <i>NeuroImage</i> , 2020 , 208, 116400 | 7.9 | 74 |
| 93 | Frequency-specific electrophysiologic correlates of resting state fMRI networks. <i>NeuroImage</i> , 2017 , 149, 446-457 | 7.9 | 73 |
| 92 | Resting-state Functional Magnetic Resonance Imaging Correlates of Sevoflurane-induced Unconsciousness. <i>Anesthesiology</i> , 2015 , 123, 346-56 | 4.3 | 69 |
| 91 | Propagated infra-slow intrinsic brain activity reorganizes across wake and slow wave sleep. <i>ELife</i> , 2015 , 4, | 8.9 | 69 |
| 90 | Functional connectivity in autosomal dominant and late-onset Alzheimer disease. <i>JAMA Neurology</i> , 2014 , 71, 1111-22 | 17.2 | 68 |
| 89 | The effects of hemodynamic lag on functional connectivity and behavior after stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016 , 36, 2162-2176 | 7.3 | 66 |
| 88 | Joint Attention and Brain Functional Connectivity in Infants and Toddlers. <i>Cerebral Cortex</i> , 2017 , 27, 1709-1720 | 17.6 | 63 |
| 87 | Human cortical-hippocampal dialogue in wake and slow-wave sleep. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E6868-E6876 | 11.5 | 63 |
| 86 | Resting state functional connectivity in early blind humans. <i>Frontiers in Systems Neuroscience</i> , 2014 , 8, 51 | 3.5 | 59 |
| 85 | Comment on "Modafinil Shifts Human Locus Coeruleus to Low-Tonic, High-Phasic Activity During Functional MRI" and "Homeostatic Sleep Pressure and Responses to Sustained Attention in the Suprachiasmatic Area". <i>Science</i> , 2010 , 328, 309-309 | 33.3 | 56 |
| 84 | Dissociated functional connectivity profiles for motor and attention deficits in acute right-hemisphere stroke. <i>Brain</i> , 2016 , 139, 2024-38 | 11.2 | 54 |
| 83 | Functional connectivity structure of cortical calcium dynamics in anesthetized and awake mice. <i>PLoS ONE</i> , 2017 , 12, e0185759 | 3.7 | 52 |
| 82 | Plasticity and Spontaneous Activity Pulses in Disused Human Brain Circuits. <i>Neuron</i> , 2020 , 107, 580-589.e6 | 6.9 | 49 |
| 81 | Individual-specific functional connectivity of the amygdala: A substrate for precision psychiatry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 3808-3818 | 11.5 | 49 |
| 80 | Default-mode network streams for coupling to language and control systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 17308-17319 | 11.5 | 47 |

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| 79 | Resting-state Functional Magnetic Resonance Imaging in Presurgical Functional Mapping: Sensorimotor Localization. <i>Neuroimaging Clinics of North America</i> , 2017 , 27, 621-633 | 3 | 41 |
| 78 | CSF proteins and resting-state functional connectivity in Parkinson disease. <i>Neurology</i> , 2015 , 84, 2413-216.5 | | 40 |
| 77 | Functional connectivity arises from a slow rhythmic mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E2527-35 | 11.5 | 40 |
| 76 | Unrecognized preclinical Alzheimer disease confounds rs-fcMRI studies of normal aging. <i>Neurology</i> , 2014 , 83, 1613-9 | 6.5 | 40 |
| 75 | Hierarchical dynamics as a macroscopic organizing principle of the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 20890-20897 | 11.5 | 40 |
| 74 | Quantitative assessments of traumatic axonal injury in human brain: concordance of microdialysis and advanced MRI. <i>Brain</i> , 2015 , 138, 2263-77 | 11.2 | 38 |
| 73 | Integration of resting state functional MRI into clinical practice - A large single institution experience. <i>PLoS ONE</i> , 2018 , 13, e0198349 | 3.7 | 37 |
| 72 | Restricted and Repetitive Behavior and Brain Functional Connectivity in Infants at Risk for Developing Autism Spectrum Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019 , 4, 50-61 | 3.4 | 33 |
| 71 | Quantitative Amyloid Imaging in Autosomal Dominant Alzheimer's Disease: Results from the DIAN Study Group. <i>PLoS ONE</i> , 2016 , 11, e0152082 | 3.7 | 31 |
| 70 | Oxygen Level and LFP in Task-Positive and Task-Negative Areas: Bridging BOLD fMRI and Electrophysiology. <i>Cerebral Cortex</i> , 2016 , 26, 346-57 | 5.1 | 30 |
| 69 | The Lag Structure of Intrinsic Activity is Focally Altered in High Functioning Adults with Autism. <i>Cerebral Cortex</i> , 2017 , 27, 1083-1093 | 5.1 | 30 |
| 68 | Partial covariance based functional connectivity computation using Ledoit-Wolf covariance regularization. <i>NeuroImage</i> , 2015 , 121, 29-38 | 7.9 | 29 |
| 67 | Resting-state fMRI in sleeping infants more closely resembles adult sleep than adult wakefulness. <i>PLoS ONE</i> , 2017 , 12, e0188122 | 3.7 | 28 |
| 66 | Removal of high frequency contamination from motion estimates in single-band fMRI saves data without biasing functional connectivity. <i>NeuroImage</i> , 2020 , 217, 116866 | 7.9 | 26 |
| 65 | Emergent Functional Network Effects in Parkinson Disease. <i>Cerebral Cortex</i> , 2019 , 29, 2509-2523 | 5.1 | 26 |
| 64 | On time delay estimation and sampling error in resting-state fMRI. <i>NeuroImage</i> , 2019 , 194, 211-227 | 7.9 | 24 |
| 63 | Organization of Propagated Intrinsic Brain Activity in Individual Humans. <i>Cerebral Cortex</i> , 2020 , 30, 17165-1734 | 17.34 | 21 |
| 62 | Quantitative amyloid imaging using image-derived arterial input function. <i>PLoS ONE</i> , 2015 , 10, e0122920 | 3.7 | 20 |

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| 61 | Effective Connectivity Measured Using Optogenetically Evoked Hemodynamic Signals Exhibits Topography Distinct from Resting State Functional Connectivity in the Mouse. <i>Cerebral Cortex</i> , 2018 , 28, 370-386 | 5.1 | 19 |
| 60 | Eye position modulates retinotopic responses in early visual areas: a bias for the straight-ahead direction. <i>Brain Structure and Function</i> , 2015 , 220, 2587-601 | 4 | 18 |
| 59 | Resting-State Blood Oxygen Level-Dependent Functional MRI: A Paradigm Shift in Preoperative Brain Mapping. <i>Stereotactic and Functional Neurosurgery</i> , 2015 , 93, 427-39 | 1.6 | 18 |
| 58 | Dynamic susceptibility contrast MRI with localized arterial input functions. <i>Magnetic Resonance in Medicine</i> , 2010 , 63, 1305-14 | 4.4 | 18 |
| 57 | The State of Resting State Networks. <i>Topics in Magnetic Resonance Imaging</i> , 2019 , 28, 189-196 | 2.3 | 16 |
| 56 | Cerebellar Functional Connectivity in Term- and Very Preterm-Born Infants. <i>Cerebral Cortex</i> , 2019 , 29, 1174-1184 | 5.1 | 16 |
| 55 | Quantitative hemodynamic PET imaging using image-derived arterial input function and a PET/MR hybrid scanner. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017 , 37, 1435-1446 | 7.3 | 15 |
| 54 | A method for reducing the effects of motion contamination in arterial spin labeling magnetic resonance imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015 , 35, 1697-702 | 7.3 | 15 |
| 53 | Functional connectivity within glioblastoma impacts overall survival. <i>Neuro-Oncology</i> , 2021 , 23, 412-421 | 1 | 15 |
| 52 | A comparison of resting state functional magnetic resonance imaging to invasive electrocortical stimulation for sensorimotor mapping in pediatric patients. <i>NeuroImage: Clinical</i> , 2019 , 23, 101850 | 5.3 | 14 |
| 51 | Mapping language function with task-based vs. resting-state functional MRI. <i>PLoS ONE</i> , 2020 , 15, e0236423 | 5.7 | 14 |
| 50 | Adaptive smoothing based on Gaussian processes regression increases the sensitivity and specificity of fMRI data. <i>Human Brain Mapping</i> , 2017 , 38, 1438-1459 | 5.9 | 13 |
| 49 | Resting-state blood oxygen level-dependent functional magnetic resonance imaging for presurgical planning. <i>Neuroimaging Clinics of North America</i> , 2014 , 24, 655-69 | 3 | 13 |
| 48 | Spatial reorganization of putaminal dopamine D2-like receptors in cranial and hand dystonia. <i>PLoS ONE</i> , 2014 , 9, e88121 | 3.7 | 13 |
| 47 | Cognitive correlates of cerebellar resting-state functional connectivity in Parkinson disease. <i>Neurology</i> , 2020 , 94, e384-e396 | 6.5 | 13 |
| 46 | Separability of calcium slow waves and functional connectivity during wake, sleep, and anesthesia. <i>Neurophotonics</i> , 2019 , 6, 035002 | 3.9 | 12 |
| 45 | Proteinopathy and longitudinal changes in functional connectivity networks in Parkinson disease. <i>Neurology</i> , 2020 , 94, e718-e728 | 6.5 | 12 |
| 44 | N-methyl-D-aspartate receptor encephalitis mediates loss of intrinsic activity measured by functional MRI. <i>Journal of Neurology</i> , 2016 , 263, 1083-91 | 5.5 | 12 |

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| 43 | Resting state signal latency predicts laterality in pediatric medically refractory temporal lobe epilepsy. <i>Child's Nervous System</i> , 2018 , 34, 901-910 | 1.7 | 11 |
| 42 | Severe hippocampal atrophy is not associated with depression in temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2014 , 34, 9-14 | 3.2 | 11 |
| 41 | Aging and the encoding of changes in events: The role of neural activity pattern reinstatement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 29346-29353 | 11.5 | 11 |
| 40 | Quantitative positron emission tomography reveals regional differences in aerobic glycolysis within the human brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019 , 39, 2096-2102 | 7.3 | 11 |
| 39 | Visual experience sculpts whole-cortex spontaneous infraslow activity patterns through an Arc-dependent mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E9952-E9961 | 11.5 | 10 |
| 38 | Global motion detection and censoring in high-density diffuse optical tomography. <i>Human Brain Mapping</i> , 2020 , 41, 4093-4112 | 5.9 | 10 |
| 37 | Resting-State Functional Connectivity Predicts STN DBS Clinical Response. <i>Movement Disorders</i> , 2021 , 36, 662-671 | 7 | 10 |
| 36 | Local Perturbations of Cortical Excitability Propagate Differentially Through Large-Scale Functional Networks. <i>Cerebral Cortex</i> , 2020 , 30, 3352-3369 | 5.1 | 9 |
| 35 | 7T MRI subthalamic nucleus atlas for use with 3T MRI. <i>Journal of Medical Imaging</i> , 2018 , 5, 015002 | 2.6 | 9 |
| 34 | Validation of diffusion tensor imaging measures of nigrostriatal neurons in macaques. <i>PLoS ONE</i> , 2018 , 13, e0202201 | 3.7 | 9 |
| 33 | Global waves synchronize the brain's functional systems with fluctuating arousal. <i>Science Advances</i> , 2021 , 7, | 14.3 | 9 |
| 32 | Regional, not global, functional connectivity contributes to isolated focal dystonia. <i>Neurology</i> , 2020 , 95, e2246-e2258 | 6.5 | 8 |
| 31 | Opposed hemodynamic responses following increased excitation and parvalbumin-based inhibition. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 41, 841-856 | 7.3 | 8 |
| 30 | Brain activity is not only for thinking. <i>Current Opinion in Behavioral Sciences</i> , 2021 , 40, 130-136 | 4 | 8 |
| 29 | Brain network reorganisation in an adolescent after bilateral perinatal strokes. <i>Lancet Neurology</i> , 2021 , 20, 255-256 | 24.1 | 7 |
| 28 | A systematic meta-analysis of oxygen-to-glucose and oxygen-to-carbohydrate ratios in the resting human brain. <i>PLoS ONE</i> , 2018 , 13, e0204242 | 3.7 | 7 |
| 27 | Correction of respiratory artifacts in MRI head motion estimates | | 6 |
| 26 | Interpreting Temporal Fluctuations in Resting-State Functional Connectivity MRI | | 6 |

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| 25 | Little Change in Functional Brain Networks Following Acute Levodopa in Drug-Naïve Parkinson's Disease. <i>Movement Disorders</i> , 2020 , 35, 499-503 | 7 | 6 |
| 24 | Cingulo-opercular control network and disused motor circuits joined in standby mode. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118, | 11.5 | 6 |
| 23 | Electrically coupled inhibitory interneurons constrain long-range connectivity of cortical networks. <i>NeuroImage</i> , 2020 , 215, 116810 | 7.9 | 5 |
| 22 | Heterogeneous Optimization Framework: Reproducible Preprocessing of Multi-Spectral Clinical MRI for Neuro-Oncology Imaging Research. <i>Neuroinformatics</i> , 2016 , 14, 305-17 | 3.2 | 5 |
| 21 | Mindfulness, Education, and Exercise for age-related cognitive decline: Study protocol, pilot study results, and description of the baseline sample. <i>Clinical Trials</i> , 2020 , 17, 581-594 | 2.2 | 5 |
| 20 | Mapping Structure-Function Relationships in the Brain. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019 , 4, 510-521 | 3.4 | 5 |
| 19 | Cingulo-Opercular Control Network Supports Disused Motor Circuits in Standby Mode | | 4 |
| 18 | Removal of high frequency contamination from motion estimates in single-band fMRI saves data without biasing functional connectivity | | 4 |
| 17 | Mapping of the Language Network With Deep Learning. <i>Frontiers in Neurology</i> , 2020 , 11, 819 | 4.1 | 4 |
| 16 | Heterogeneity of apparent diffusion coefficients within infarcts. <i>Stroke</i> , 2001 , 32, 1695-6 | 6.7 | 3 |
| 15 | Intrinsic Brain Activity and Resting State Networks 2016 , 1625-1676 | | 3 |
| 14 | ESM-CT: a precise method for localization of DBS electrodes in CT images. <i>Journal of Neuroscience Methods</i> , 2018 , 308, 366-376 | 3 | 3 |
| 13 | Spatial and Temporal Organization of the Individual Human Cerebellum. <i>SSRN Electronic Journal</i> , | 1 | 2 |
| 12 | Human Fronto-Striatal Connectivity is Organized into Discrete Functional Subnetworks | | 2 |
| 11 | Functional Connectivity of Vermis Correlates with Future Gait Impairments in Parkinson's Disease. <i>Movement Disorders</i> , 2021 , 36, 2559-2568 | 7 | 2 |
| 10 | Prolonged ketamine infusion modulates limbic connectivity and induces sustained remission of treatment-resistant depression. <i>Psychopharmacology</i> , 2021 , 238, 1157-1169 | 4.7 | 2 |
| 9 | Probabilistic flow in brain-wide activity. <i>NeuroImage</i> , 2020 , 223, 117321 | 7.9 | 1 |
| 8 | Aging and the encoding of event changes: The role of neural activity pattern reinstatement | | 1 |

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| 7 | Quantitative signal properties from standardized MRIs correlate with multiple sclerosis disability. <i>Annals of Clinical and Translational Neurology</i> , 2021 , 8, 1096-1109 | 5.3 | 1 |
| 6 | Spatiotemporal Structures of Time Lags in the Brain as Revealed by Magnetoencephalography 2019 , | | 1 |
| 5 | Individualized Functional Subnetworks Connect Human Striatum and Frontal Cortex. <i>Cerebral Cortex</i> , 2021 , | 5.1 | 1 |
| 4 | Covariance and Correlation Analysis of Resting State Functional Magnetic Resonance Imaging Data Acquired in a Clinical Trial of Mindfulness-Based Stress Reduction and Exercise in Older Individuals.. <i>Frontiers in Neuroscience</i> , 2022 , 16, 825547 | 5.1 | 1 |
| 3 | Tissue damage detected by quantitative gradient echo MRI correlates with clinical progression in non-relapsing progressive MS.. <i>Multiple Sclerosis Journal</i> , 2022 , 13524585211073761 | 5 | 0 |
| 2 | Accuracy and Reliability of Diffusion Imaging Models.. <i>NeuroImage</i> , 2022 , 119138 | 7.9 | 0 |
| 1 | Resting State Functional MRI for Presurgical Planning 2020 , 287-301 | | |