Erik B Beall

List of Publications by Year
in descending order

25 papers	1,144 citations	471509 17 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	2208 citing authors

#	Article	IF	Citations
1	Resting state sensorimotor functional connectivity in multiple sclerosis inversely correlates with transcallosal motor pathway transverse diffusivity. Human Brain Mapping, 2008, 29, 818-827.	3.6	162
2	Isolating physiologic noise sources with independently determined spatial measures. NeuroImage, 2007, 37, 1286-1300.	4.2	150
3	SimPACE: Generating simulated motion corrupted BOLD data with synthetic-navigated acquisition for the development and evaluation of SLOMOCO: A new, highly effective slicewise motion correction. NeuroImage, 2014, 101, 21-34.	4.2	99
4	Neural Activation during Response Inhibition Differentiates Blast from Mechanical Causes of Mild to Moderate Traumatic Brain Injury. Journal of Neurotrauma, 2014, 31, 169-179.	3.4	79
5	Differential Resting-State Functional Connectivity of Striatal Subregions in Bipolar Depression and Hypomania. Brain Connectivity, 2016, 6, 255-265.	1.7	77
6	Adaptive cyclic physiologic noise modeling and correction in functional MRI. Journal of Neuroscience Methods, 2010, 187, 216-228.	2.5	62
7	The Effect of Forced-Exercise Therapy for Parkinson's Disease on Motor Cortex Functional Connectivity. Brain Connectivity, 2013, 3, 190-198.	1.7	59
8	Effects of Electroconvulsive Therapy on Brain Functional Activation and Connectivity in Depression. Journal of ECT, 2012, 28, 234-241.	0.6	54
9	Hippocampal volume is related to cognitive decline and fornicial diffusion measures in multiple sclerosis. Magnetic Resonance Imaging, 2014, 32, 354-358.	1.8	54
10	Exercise Therapy for Parkinson's Disease: Pedaling Rate Is Related to Changes in Motor Connectivity. Brain Connectivity, 2016, 6, 25-36.	1.7	52
11	Cortical and motor responses to acute forced exercise in Parkinson's disease. Parkinsonism and Related Disorders, 2016, 24, 56-62.	2.2	46
12	Transcranial Direct Current Stimulation Targeting Primary Motor Versus Dorsolateral Prefrontal Cortices: Proof-of-Concept Study Investigating Functional Connectivity of Thalamocortical Networks Specific to Sensory-Affective Information Processing. Brain Connectivity, 2017, 7, 182-196.	1.7	43
13	The relationship between cognitive function and high-resolution diffusion tensor MRI of the cingulum bundle in multiple sclerosis. Multiple Sclerosis Journal, 2015, 21, 1794-1801.	3.0	36
14	Disruption of caudate working memory activation in chronic blast-related traumatic brain injury. NeuroImage: Clinical, 2015, 8, 543-553.	2.7	31
15	The non-separability of physiologic noise in functional connectivity MRI with spatial ICA at 3 T. Journal of Neuroscience Methods, 2010, 191, 263-276.	2.5	29
16	Distortion Correction in EPI Using an Extended PSF Method with a Reversed Phase Gradient Approach. PLoS ONE, 2015, 10, e0116320.	2.5	26
17	Modern Methods for Interrogating the Human Connectome. Journal of the International Neuropsychological Society, 2016, 22, 105-119.	1.8	24
18	High spatial and angular resolution diffusion-weighted imaging reveals forniceal damage related to memory impairment. Magnetic Resonance Imaging, 2013, 31, 695-699.	1.8	15

#	Article	IF	Citations
19	Anatomic Connectivity Assessed Using Pathway Radial Diffusivity Is Related to Functional Connectivity in Monosynaptic Pathways. Brain Connectivity, 2014, 4, 558-565.	1.7	15
20	The cyclical lower extremity exercise for Parkinsonâ€™s trial (CYCLE): methodology for a randomized controlled trial. BMC Neurology, 2015, 15, 63.	1.8	15
21	Functional Magnetic Resonance Imaging Correlates of Ventral Striatal Deep Brain Stimulation for Poststroke Pain. Neuromodulation, 2021, 24, 259-264.	0.8	7
22	Low Consistency of Four Brain Connectivity Measures Derived from Intracranial Electrode Measurements. Frontiers in Neurology, 2014, 5, 272.	2.4	6
23	Evaluation of a connectivity-based imaging metric that reflects functional decline in Multiple Sclerosis. PLoS ONE, 2021, 16, e0251338.	2.5	3
24	Selection of Optimal Pulse Sequences for fMRI. Neuromethods, 2016, , 69-111.	0.3	0
25	Selection of Optimal Pulse Sequences for fMRI. Neuromethods, 2009, , 69-108.	0.3	0