Andrew R Mayer

List of Publications by Year in descending order

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66315 46771 9,068 139 42 89 citations h-index g-index papers 141 141 141 11266 docs citations times ranked citing authors all docs

#	Article	IF	Citations
1	<scp>ENIGMA</scp> brain injury: Framework, challenges, and opportunities. Human Brain Mapping, 2022, 43, 149-166.	1.9	33
2	Neuroimaging Biomarkers of New-Onset Psychiatric Disorders Following Traumatic Brain Injury. Biological Psychiatry, 2022, 91, 459-469.	0.7	10
3	Test–Retest Reliability of a Semi-Structured Interview to Aid in Pediatric Traumatic Brain Injury Diagnosis. Journal of the International Neuropsychological Society, 2022, 28, 687-699.	1.2	5
4	Investigating the overlapping associations of prior concussion, default mode connectivity, and executive function-based symptoms. Brain Imaging and Behavior, 2022, 16, 1275-1283.	1.1	4
5	Non-Linear Device Head Coupling and Temporal Delays in Large Animal Acceleration Models of Traumatic Brain Injury. Annals of Biomedical Engineering, 2022, , 1.	1.3	2
6	Investigating the diagnostic accuracy of a paper-and-pencil and a computerized cognitive test battery for pediatric mild traumatic brain injury Neuropsychology, 2022, 36, 565-577.	1.0	5
7	The neurocomputational bases of explore-exploit decision-making. Neuron, 2022, 110, 1869-1879.e5.	3.8	21
8	Multicompartmental models and diffusion abnormalities in paediatric mild traumatic brain injury. Brain, 2022, 145, 4124-4137.	3.7	3
9	The ENIGMA sports injury working group:– an international collaboration to further our understanding of sport-related brain injury. Brain Imaging and Behavior, 2021, 15, 576-584.	1.1	8
10	Use of Medical Cannabis to Treat Traumatic Brain Injury. Journal of Neurotrauma, 2021, 38, 1904-1917.	1.7	13
11	Prospective study of the association between sport-related concussion and brain morphometry (3T-MRI) in collegiate athletes: study from the NCAA-DoD CARE Consortium. British Journal of Sports Medicine, 2021, 55, 169-174.	3.1	9
12	The clinical relevance of gray matter atrophy and microstructural brain changes across the psychosis continuum. Schizophrenia Research, 2021, 229, 12-21.	1.1	4
13	Association of Previous Concussion with Hippocampal Volume and Symptoms in Collegiate-Aged Athletes. Journal of Neurotrauma, 2021, 38, 1358-1367.	1.7	12
14	A Commentary on Silverberg and the Many Expert Panel Definitions of Mild Head Injury. Archives of Physical Medicine and Rehabilitation, 2021, 102, 1238-1239.	0.5	1
15	Reproducibility and Characterization of Head Kinematics During a Large Animal Acceleration Model of Traumatic Brain Injury. Frontiers in Neurology, 2021, 12, 658461.	1.1	6
16	DNA methylation under the major depression pathway predicts pediatric quality of life four-month post-pediatric mild traumatic brain injury. Clinical Epigenetics, 2021, 13, 140.	1.8	4
17	Ventromedial Prefrontal-Anterior Cingulate Hyperconnectivity and Resilience to Apathy in Traumatic Brain Injury. Journal of Neurotrauma, 2021, 38, 2264-2274.	1.7	5
18	Reward Processing in Novelty Seekers: A Transdiagnostic Psychiatric Imaging Biomarker. Biological Psychiatry, 2021, 90, 529-539.	0.7	25

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19	Early targeted heart rate aerobic exercise versus placebo stretching for sport-related concussion in adolescents: a randomised controlled trial. The Lancet Child and Adolescent Health, 2021, 5, 792-799.	2.7	77
20	Survival Rates and Biomarkers in a Large Animal Model of Traumatic Brain Injury Combined With Two Different Levels of Blood Loss. Shock, 2021, 55, 554-562.	1.0	13
21	17α-Ethinyl estradiol-3-sulfate increases survival and hemodynamic functioning in a large animal model of combined traumatic brain injury and hemorrhagic shock: a randomized control trial. Critical Care, 2021, 25, 428.	2.5	16
22	Are there any differential responses to concussive injury in civilian versus athletic populations: a neuroimaging study. Brain Imaging and Behavior, 2020, 14, 110-117.	1.1	3
23	Stroop-related cerebellar and temporal activation is correlated with negative affect and alcohol use disorder severity. Brain Imaging and Behavior, 2020, 14, 586-598.	1.1	10
24	An integrated perspective linking physiological and psychological consequences of mild traumatic brain injury. Journal of Neurology, 2020, 267, 2497-2506.	1.8	29
25	Functional outcome is tied to dynamic brain states after mild to moderate traumatic brain injury. Human Brain Mapping, 2020, 41, 617-631.	1.9	26
26	Joint analysis of frontal theta synchrony and white matter following mild traumatic brain injury. Brain Imaging and Behavior, 2020, 14, 2210-2223.	1.1	12
27	Resting-State fMRI Metrics in Acute Sport-Related Concussion and Their Association with Clinical Recovery: A Study from the NCAA-DOD CARE Consortium. Journal of Neurotrauma, 2020, 37, 152-162.	1.7	40
28	Effects of attentional bias modification therapy on the cue reactivity and cognitive control networks in participants with cocaine use disorders. American Journal of Drug and Alcohol Abuse, 2020, 46, 357-367.	1.1	5
29	Persistent alterations in cerebrovascular reactivity in response to hypercapnia following pediatric mild traumatic brain injury. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 2491-2504.	2.4	21
30	Cerebral Perfusion Effects of Cognitive Training and Transcranial Direct Current Stimulation in Mild-Moderate TBI. Frontiers in Neurology, 2020, 11, 545174.	1.1	12
31	Neurosensory Screening and Symptom Provocation in Pediatric Mild Traumatic Brain Injury. Journal of Head Trauma Rehabilitation, 2020, 35, 270-278.	1.0	2
32	Longitudinal white-matter abnormalities in sports-related concussion. Neurology, 2020, 95, e781-e792.	1.5	47
33	Differing functional mechanisms underlie cognitive control deficits in psychotic spectrum disorders. Journal of Psychiatry and Neuroscience, 2020, 45, 430-440.	1.4	6
34	Radiologic common data elements rates in pediatric mild traumatic brain injury. Neurology, 2020, 94, e241-e253.	1.5	17
35	Evidence for asymmetric inhibitory activity during motor planning phases of sensorimotor synchronization. Cortex, 2020, 129, 314-328.	1.1	6
36	Comparison of Methods for Classifying Persistent Post-Concussive Symptoms in Children. Journal of Neurotrauma, 2020, 37, 1504-1511.	1.7	33

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37	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. Translational Psychiatry, 2020, 10, 100.	2.4	365
38	Restingâ€State Power and Regional Connectivity After Pediatric Mild Traumatic Brain Injury. Journal of Magnetic Resonance Imaging, 2020, 52, 1701-1713.	1.9	16
39	Amygdala response to emotional faces in adolescents with persistent post-concussion symptoms. Neurolmage: Clinical, 2020, 26, 102217.	1.4	7
40	Medical Cannabis Reduced Agitation in Acquired Brain Injury: A Case Study. Psychosomatics, 2020, 61, 819-824.	2.5	1
41	Prognosis for Persistent Post Concussion Symptoms using a Multifaceted Objective Gait and Balance Assessment Approach. Gait and Posture, 2020, 79, 53-59.	0.6	15
42	Fluid Biomarkers of Pediatric Mild Traumatic Brain Injury: A Systematic Review. Journal of Neurotrauma, 2020, 37, 2029-2044.	1.7	25
43	Brain activation and subjective anxiety during an anticipatory anxiety task is related to clinical outcome during prazosin treatment for alcohol use disorder. Neurolmage: Clinical, 2020, 26, 102162.	1.4	5
44	Disconnected and Hyperactive: A Replication of Sensorimotor Cortex Abnormalities in Patients With Schizophrenia During Proactive Response Inhibition. Schizophrenia Bulletin, 2019, 45, 552-561.	2.3	6
45	A systematic review of large animal models of combined traumatic brain injury and hemorrhagic shock. Neuroscience and Biobehavioral Reviews, 2019, 104, 160-177.	2.9	12
46	Executive function predictors of delayed memory deficits after mild traumatic brain injury. Cortex, 2019, 120, 240-248.	1.1	24
47	Proactive inhibition deficits with normal perfusion after pediatric mild traumatic brain injury. Human Brain Mapping, 2019, 40, 5370-5381.	1.9	18
48	Prevalence of Potentially Clinically Significant Magnetic Resonance Imaging Findings in Athletes with and without Sport-Related Concussion. Journal of Neurotrauma, 2019, 36, 1776-1785.	1.7	37
49	A symptom-based continuum of psychosis explains cognitive and real-world functional deficits better than traditional diagnoses. Schizophrenia Research, 2019, 208, 344-352.	1.1	14
50	A comparison of denoising pipelines in high temporal resolution taskâ€based functional magnetic resonance imaging data. Human Brain Mapping, 2019, 40, 3843-3859.	1.9	17
51	ERPs predict symptomatic distress and recovery in sub-acute mild traumatic brain injury. Neuropsychologia, 2019, 132, 107125.	0.7	7
52	Structural neuroimaging in mild traumatic brain injury: A chronic effects of neurotrauma consortium study. International Journal of Methods in Psychiatric Research, 2019, 28, e1781.	1,1	8
53	Practice Patterns in Pharmacological and Non-Pharmacological Therapies for Children with Mild Traumatic Brain Injury: A Survey of 15 Canadian and United States Centers. Journal of Neurotrauma, 2019, 36, 2886-2894.	1.7	14
54	Group ICA for identifying biomarkers in schizophrenia: †Adaptive†networks via spatially constrained ICA show more sensitivity to group differences than spatio-temporal regression. Neurolmage: Clinical, 2019, 22, 101747.	1.4	79

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55	Functional Neuroimaging of Concussion. , 2019, , 716-727.		О
56	Proactive and reactive cognitive control rely on flexible use of the ventrolateral prefrontal cortex. Human Brain Mapping, 2019, 40, 955-966.	1.9	30
57	Spatial distribution bias in subject-specific abnormalities analyses. Brain Imaging and Behavior, 2018, 12, 1828-1834.	1.1	3
58	Prolonged Postconcussive Symptoms. American Journal of Psychiatry, 2018, 175, 103-111.	4.0	63
59	National Institute of Neurological Disorders and Stroke and Department of Defense Sport-Related Concussion Common Data Elements Version 1.0 Recommendations. Journal of Neurotrauma, 2018, 35, 2776-2783.	1.7	79
60	Dynamic functional network connectivity discriminates mild traumatic brain injury through machine learning. Neurolmage: Clinical, 2018, 19, 30-37.	1.4	82
61	An evaluation of Z-transform algorithms for identifying subject-specific abnormalities in neuroimaging data. Brain Imaging and Behavior, 2018, 12, 437-448.	1.1	6
62	An Examination of Behavioral and Neuronal Effects of Comorbid Traumatic Brain Injury and Alcohol Use. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 294-302.	1.1	5
63	Association of acute depressive symptoms and functional connectivity of emotional processing regions following sport-related concussion. Neurolmage: Clinical, 2018, 19, 434-442.	1.4	21
64	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. Biological Psychiatry, 2018, 84, 644-654.	0.7	627
65	Impaired Midline Theta Power and Connectivity During Proactive Cognitive Control in Schizophrenia. Biological Psychiatry, 2018, 84, 675-683.	0.7	43
66	Functional brain connectivity and cortical thickness in relation to chronic pain in post-911 veterans and service members with mTBI. Brain Injury, 2018, 32, 1235-1243.	0.6	12
67	Concussion. Annals of Internal Medicine, 2018, 169, ITC1.	2.0	13
68	Neurosensory Deficits Vary as a Function of Point of Care in Pediatric Mild Traumatic Brain Injury. Journal of Neurotrauma, 2018, 35, 1178-1184.	1.7	16
69	Advanced biomarkers of pediatric mild traumatic brain injury: Progress and perils. Neuroscience and Biobehavioral Reviews, 2018, 94, 149-165.	2.9	66
70	Look Hear! The Prefrontal Cortex is Stratified by Modality of Sensory Input During Multisensory Cognitive Control. Cerebral Cortex, 2017, 27, bhw131.	1.6	16
71	The effect of preprocessing pipelines in subject classification and detection of abnormal resting state functional network connectivity using group ICA. Neurolmage, 2017, 145, 365-376.	2.1	49
72	Longitudinal assessment of local and global functional connectivity following sports-related concussion. Brain Imaging and Behavior, 2017, 11, 129-140.	1.1	52

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73	A prospective microstructure imaging study in mixed-martial artists using geometric measures and diffusion tensor imaging: methods and findings. Brain Imaging and Behavior, 2017, 11, 698-711.	1.1	33
74	The effect of preprocessing in dynamic functional network connectivity used to classify mild traumatic brain injury. Brain and Behavior, 2017, 7, e00809.	1.0	30
75	Does a Unique Neuropsychiatric Profile Currently Exist for Chronic Traumatic Encephalopathy?. Current Sports Medicine Reports, 2017, 16, 30-35.	0.5	8
76	The spectrum of mild traumatic brain injury. Neurology, 2017, 89, 623-632.	1.5	174
77	Abnormalities in Functional Connectivity in Collegiate Football Athletes with and without a Concussion History: Implications and Role of Neuroactive Kynurenine Pathway Metabolites. Journal of Neurotrauma, 2017, 34, 824-837.	1.7	21
78	Detection of Mild Traumatic Brain Injury by Machine Learning Classification Using Resting State Functional Network Connectivity and Fractional Anisotropy. Journal of Neurotrauma, 2017, 34, 1045-1053.	1.7	108
79	From Behavioral Facilitation to Inhibition: The Neuronal Correlates of the Orienting and Reorienting of Auditory Attention. Frontiers in Human Neuroscience, 2017, 11, 293.	1.0	6
80	Multimodal Classification of Schizophrenia Patients with MEG and fMRI Data Using Static and Dynamic Connectivity Measures. Frontiers in Neuroscience, 2016, 10, 466.	1.4	68
81	The efficacy of attention bias modification therapy in cocaine use disorders. American Journal of Drug and Alcohol Abuse, 2016, 42, 459-468.	1.1	28
82	Chronic Effects of Blast-Related TBI on Subcortical Functional Connectivity in Veterans. Journal of the International Neuropsychological Society, 2016, 22, 631-642.	1.2	14
83	Graph Metrics of Structural Brain Networks in Individuals with Schizophrenia and Healthy Controls: Group Differences, Relationships with Intelligence, and Genetics. Journal of the International Neuropsychological Society, 2016, 22, 240-249.	1.2	49
84	Hemodynamic response function abnormalities in schizophrenia during a multisensory detection task. Human Brain Mapping, 2016, 37, 745-755.	1.9	21
85	Longitudinal assessment of white matter abnormalities following sportsâ€related concussion. Human Brain Mapping, 2016, 37, 833-845.	1.9	95
86	Thinner Cortex in Collegiate Football Players With, but not Without, a Self-Reported History of Concussion. Journal of Neurotrauma, 2016, 33, 330-338.	1.7	45
87	Mood symptoms correlate with kynurenine pathway metabolites following sports-related concussion. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 670-675.	0.9	31
88	Proactive response inhibition abnormalities in the sensorimotor cortex of patients with schizophrenia. Journal of Psychiatry and Neuroscience, 2016, 41, 312-321.	1.4	17
89	A functional magnetic resonance imaging study of cognitive control and neurosensory deficits in mild traumatic brain injury. Human Brain Mapping, 2015, 36, 4394-4406.	1.9	26
90	A multimodal approach for determining brain networks by jointly modeling functional and structural connectivity. Frontiers in Computational Neuroscience, 2015, 9, 22.	1.2	28

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91	An fMRI study of multimodal selective attention in schizophrenia. British Journal of Psychiatry, 2015, 207, 420-428.	1.7	25
92	Cognitive Control Network Function in Alcohol Use Disorder Before and During Treatment With Lorazepam. Substance Use and Misuse, 2015, 50, 40-52.	0.7	16
93	Patterns of Gray Matter Abnormalities in Schizophrenia Based on an International Mega-analysis. Schizophrenia Bulletin, 2015, 41, 1133-1142.	2.3	183
94	A Longitudinal Assessment of Structural and Chemical Alterations in Mixed Martial Arts Fighters. Journal of Neurotrauma, 2015, 32, 1759-1767.	1.7	42
95	Recovery of Cerebral Blood Flow Following Sports-Related Concussion. JAMA Neurology, 2015, 72, 530.	4.5	224
96	Functional activation during the Stroop is associated with recent alcohol but not marijuana use among high-risk youth. Psychiatry Research - Neuroimaging, 2015, 234, 130-136.	0.9	10
97	Static and Dynamic Intrinsic Connectivity following Mild Traumatic Brain Injury. Journal of Neurotrauma, 2015, 32, 1046-1055.	1.7	53
98	Functional magnetic resonance imaging of mild traumatic brain injury. Neuroscience and Biobehavioral Reviews, 2015, 49, 8-18.	2.9	120
99	Gray Matter Abnormalities in Pediatric Mild Traumatic Brain Injury. Journal of Neurotrauma, 2015, 32, 723-730.	1.7	58
100	Cognitive control in alcohol use disorder: deficits and clinical relevance. Reviews in the Neurosciences, 2014, 25, 1-24.	1.4	125
101	Investigating the Properties of the Hemodynamic Response Function after Mild Traumatic Brain Injury. Journal of Neurotrauma, 2014, 31, 189-197.	1.7	43
102	Sports-related concussion: ongoing debate. British Journal of Sports Medicine, 2014, 48, 75-76.	3.1	16
103	An eventâ€related FMRI study of exogenous orienting across vision and audition. Human Brain Mapping, 2014, 35, 964-974.	1.9	20
104	Thalamus and posterior temporal lobe show greater inter-network connectivity at rest and across sensory paradigms in schizophrenia. Neurolmage, 2014, 97, 117-126.	2.1	151
105	Diffusion Tensor Imaging Findings in Semi-Acute Mild Traumatic Brain Injury. Journal of Neurotrauma, 2014, 31, 1235-1248.	1.7	69
106	Methods for identifying subjectâ€specific abnormalities in neuroimaging data. Human Brain Mapping, 2014, 35, 5457-5470.	1.9	42
107	Functional Magnetic Resonance Imaging in Mild Traumatic Brain Injury. , 2014, , 249-270.		1
108	Functional imaging of the hemodynamic sensory gating response in schizophrenia. Human Brain Mapping, 2013, 34, 2302-2312.	1.9	80

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109	Hyperactivation of the cognitive control network in cocaine use disorders during a multisensory Stroop task. Drug and Alcohol Dependence, 2013, 133, 235-241.	1.6	22
110	How Functional Connectivity between Emotion Regulation Structures Can Be Disrupted: Preliminary Evidence from Adolescents with Moderate to Severe Traumatic Brain Injury. Journal of the International Neuropsychological Society, 2013, 19, 911-924.	1.2	22
111	An fMRI Study of Auditory Orienting and Inhibition of Return in Pediatric Mild Traumatic Brain Injury. Journal of Neurotrauma, 2012, 29, 2124-2136.	1.7	46
112	Biomarkers of increased diffusion anisotropy in semi-acute mild traumatic brain injury: a longitudinal perspective. Brain, 2012, 135, 1281-1292.	3.7	173
113	Auditory orienting and inhibition of return in schizophrenia: A functional magnetic resonance imaging study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2012, 37, 161-168.	2.5	7
114	Diffusion Abnormalities in Pediatric Mild Traumatic Brain Injury. Journal of Neuroscience, 2012, 32, 17961-17969.	1.7	117
115	Modeling conflict and error in the medial frontal cortex. Human Brain Mapping, 2012, 33, 2843-2855.	1.9	41
116	A functional MRI study of multimodal selective attention following mild traumatic brain injury. Brain Imaging and Behavior, 2012, 6, 343-354.	1.1	56
117	Head injury or head motion? Assessment and quantification of motion artifacts in diffusion tensor imaging studies. Human Brain Mapping, 2012, 33, 50-62.	1.9	112
118	Enhanced cue reactivity and fronto-striatal functional connectivity in cocaine use disorders. Drug and Alcohol Dependence, 2011, 115, 137-144.	1.6	125
119	A Baseline for the Multivariate Comparison of Resting-State Networks. Frontiers in Systems Neuroscience, 2011, 5, 2.	1.2	1,159
120	Functional connectivity in mild traumatic brain injury. Human Brain Mapping, 2011, 32, 1825-1835.	1.9	418
121	A Longitudinal Proton Magnetic Resonance Spectroscopy Study of Mild Traumatic Brain Injury. Journal of Neurotrauma, 2011, 28, 1-11.	1.7	148
122	Resting state and taskâ€induced deactivation: A methodological comparison in patients with schizophrenia and healthy controls. Human Brain Mapping, 2010, 31, 424-437.	1.9	130
123	Neurometabolite Concentrations in Gray and White Matter in Mild Traumatic Brain Injury: An ¹ H–Magnetic Resonance Spectroscopy Study. Journal of Neurotrauma, 2009, 26, 1635-1643.	1.7	172
124	Neuronal modulation of auditory attention by informative and uninformative spatial cues. Human Brain Mapping, 2009, 30, 1652-1666.	1.9	29
125	Auditory orienting and inhibition of return in mild traumatic brain injury: A FMRI study. Human Brain Mapping, 2009, 30, 4152-4166.	1.9	80
126	Multimodal and Multi-Tissue Measures of Connectivity Revealed by Joint Independent Component Analysis. IEEE Journal on Selected Topics in Signal Processing, 2008, 2, 986-997.	7.3	39

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127	Smoking status as a potential confound in the BOLD response of patients with schizophrenia. Schizophrenia Research, 2008, 104, 79-84.	1.1	10
128	An Event-related fMRI Study of Exogenous Facilitation and Inhibition of Return in the Auditory Modality. Journal of Cognitive Neuroscience, 2007, 19, 455-467.	1.1	29
129	Assessment and quantification of head motion in neuropsychiatric functional imaging research as applied to schizophrenia. Journal of the International Neuropsychological Society, 2007, 13, 839-45.	1.2	32
130	The neural networks underlying endogenous auditory covert orienting and reorienting. NeuroImage, 2006, 30, 938-949.	2.1	88
131	An Event-related fMRI Study of Exogenous Orienting: Supporting Evidence for the Cortical Basis of Inhibition of Return?. Journal of Cognitive Neuroscience, 2004, 16, 1262-1271.	1.1	88
132	Functional Magnetic Resonance Imaging of Working Memory among Multiple Sclerosis Patients. Journal of Neuroimaging, 2004, 14, 150-157.	1.0	85
133	Neural networks underlying endogenous and exogenous visual–spatial orienting. NeuroImage, 2004, 23, 534-541.	2.1	146
134	The Effects of Auditory and Visual Linguistic Distractors on Target Localization Neuropsychology, 2004, 18, 248-257.	1.0	17
135	Functional Magnetic Resonance Imaging of Working Memory among Multiple Sclerosis Patients. , 2004, 14, 150.		38
136	The evolution of brain activation during temporal processing. Nature Neuroscience, 2001, 4, 317-323.	7.1	770
137	Specialized Neural Systems Underlying Representations of Sequential Movements. Journal of Cognitive Neuroscience, 2000, 12, 56-77.	1.1	155
138	Neural Mechanisms of Visual Attention: Object-Based Selection of a Region in Space. Journal of Cognitive Neuroscience, 2000, 12, 106-117.	1.1	229
139	Respiratory Sinus Arrhythmia Correlates With Depressive Symptoms Following Mild Traumatic Brain Injury. Journal of Psychophysiology, 0, , 1-13.	0.3	2