Stuart John Johnstone

List of Publications by Year
in descending order

110 papers	7,758 citations	50170 46 h-index	53109 85 g-index
111 all docs	111 docs citations	111 times ranked	6631 citing authors

#	Article	IF	Citations
1	EEG differences between eyes-closed and eyes-open resting conditions. Clinical Neurophysiology, 2007, 118, 2765-2773.	0.7	716
2	A review of electrophysiology in attention-deficit/hyperactivity disorder: I. Qualitative and quantitative electroencephalography. Clinical Neurophysiology, 2003, 114, 171-183.	0.7	655
3	A review of electrophysiology in attention-deficit/hyperactivity disorder: II. Event-related potentials. Clinical Neurophysiology, 2003, 114, 184-198.	0.7	371
4	Movement-related potentials in the Go/NoGo task: The P3 reflects both cognitive and motor inhibition. Clinical Neurophysiology, 2008, 119, 704-714.	0.7	342
5	Obstetric Risk Factors for Postnatal Depression in Urban and Rural Community Samples. Australian and New Zealand Journal of Psychiatry, 2001, 35, 69-74.	1.3	229
6	Inhibitory motor control in children with attention-deficit/hyperactivity disorder: event-related potentials in the stop-signal paradigm. Biological Psychiatry, 2003, 54, 1345-1354.	0.7	184
7	The auditory-evoked N2 and P3 components in the stop-signal task: Indices of inhibition, response-conflict or error-detection?. Brain and Cognition, 2006, 62, 98-112.	0.8	168
8	The development of stop-signal and Go/Nogo response inhibition in children aged 7â€“12Âyears: Performance and event-related potential indices. International Journal of Psychophysiology, 2007, 63, 25-38.	0.5	162
9	EEG differences in children between eyes-closed and eyes-open resting conditions. Clinical Neurophysiology, 2009, 120, 1806-1811.	0.7	161
10	Age-related changes in child and adolescent event-related potential component morphology, amplitude and latency to standard and target stimuli in an auditory oddball task. International Journal of Psychophysiology, 1996, 24, 223-238.	0.5	158
11	Caffeine effects on resting-state arousal. Clinical Neurophysiology, 2005, 116, 2693-2700.	0.7	154
12	Event-related potentials during an emotional Stroop task. International Journal of Psychophysiology, 2007, 63, 221-231.	0.5	153
13	Electroencephalogram Î¸/Î² Ratio and Arousal in Attention-Deficit/Hyperactivity Disorder: Evidence of Independent Processes. Biological Psychiatry, 2009, 66, 398-401.	0.7	149
14	Response priming in the Go/NoGo task: The N2 reflects neither inhibition nor conflict. Clinical Neurophysiology, 2007, 118, 343-355.	0.7	146
15	Ten years on: A follow-up review of ERP research in attention-deficit/hyperactivity disorder. Clinical Neurophysiology, 2013, 124, 644-657.	0.7	144
16	Development of Inhibitory Processing During the Go/NoGo Task. Journal of Psychophysiology, 2005, 19, 11-23.	0.3	134
17	Inhibitory processing during the Go/NoGo task: an ERP analysis of children with attention-deficit/hyperactivity disorder. Clinical Neurophysiology, 2004, 115, 1320-1331.	0.7	132
18	Effects of pre-stimulus processing on subsequent events in a warned Go/NoGo paradigm: Response preparation, execution and inhibition. International Journal of Psychophysiology, 2006, 61, 121-133.	0.5	122

#	Article	IF	Citations
19	Behavioural differences between EEG-defined subgroups of children with Attention-Deficit/Hyperactivity Disorder. Clinical Neurophysiology, 2011, 122, 1333-1341.	0.7	121
20	Response inhibition and interference control in children with AD/HD: A visual ERP investigation. International Journal of Psychophysiology, 2009, 72, 145-153.	0.5	104
21	Topographic distribution and developmental timecourse of auditory event-related potentials in two subtypes of attention-deficit hyperactivity disorder. International Journal of Psychophysiology, 2001, 42, 73-94.	0.5	101
22	A meta-analysis of response inhibition and Stroop interference control deficits in adults with traumatic brain injury (TBI). Journal of Clinical and Experimental Neuropsychology, 2011, 33, 471-485.	0.8	98
23	Test-retest reliability of a single-channel, wireless EEG system. International Journal of Psychophysiology, 2016, 106, 87-96.	0.5	93
24	Effects of stimulant medications on the EEG of girls with Attention-Deficit/Hyperactivity Disorder. Clinical Neurophysiology, 2007, 118, 2700-2708.	0.7	89
25	Varying task difficulty in the Go/Nogo task: The effects of inhibitory control, arousal, and perceived effort on ERP components. International Journal of Psychophysiology, 2013, 87, 262-272.	0.5	89
26	Age and gender effects in EEG coherence: I. Developmental trends in normal children. Clinical Neurophysiology, 2004, 115, 2252-2258.	0.7	88
27	Auditory event-related potentials to a two-tone discrimination paradigm in attention deficit hyperactivity disorder. Psychiatry Research, 1996, 64, 179-192.	1.7	84
28	EEG From a Single-Channel Dry-Sensor Recording Device. Clinical EEG and Neuroscience, 2012, 43, 112-120.	0.9	80
29	Methylphenidate effects in attention deficit/hyperactivity disorder: electrodermal and ERP measures during a continuous performance task. Psychopharmacology, 2005, 183, 81-91.	1.5	79
30	Neurocognitive training for children with and without AD/HD. ADHD Attention Deficit and Hyperactivity Disorders, 2012, 4, 11-23.	1.7	79
31	The effects of inhibitory control training on alcohol consumption, implicit alcohol-related cognitions and brain electrical activity. International Journal of Psychophysiology, 2013, 89, 342-348.	0.5	79
32	The effect of methylphenidate on response inhibition and the event-related potential of children with Attention Deficit/Hyperactivity Disorder. International Journal of Psychophysiology, 2005, 58, 47-58.	0.5	78
33	Excess beta activity in the EEG of children with attention-deficit/hyperactivity disorder: A disorder of arousal?. International Journal of Psychophysiology, 2013, 89, 314-319.	0.5	76
34	Timing of caffeine's impact on autonomic and central nervous system measures: Clarification of arousal effects. Biological Psychology, 2008, 77, 304-316.	1.1	70
35	Coherence in children with Attention-Deficit/Hyperactivity Disorder and excess beta activity in their EEG. Clinical Neurophysiology, 2007, 118, 1472-1479.	0.7	66
36	Quantitative EEG analysis in dexamphetamine-responsive adults with attention-deficit/hyperactivity disorder. Psychiatry Research, 2006, 141, 151-159.	1.7	64

#	Article	IF	Citations
37	Caffeine effects on ERPs and performance in an auditory Go/NoGo task. Clinical Neurophysiology, 2007, 118, 2692-2699.	0.7	63
38	Event-related potentials in the auditory oddball as a function of EEG alpha phase at stimulus onset. Clinical Neurophysiology, 2004, 115, 2593-2601.	0.7	62
39	A pilot study of combined working memory and inhibition training for children with AD/HD. ADHD Attention Deficit and Hyperactivity Disorders, 2010, 2, 31-42.	1.7	61
40	Preferred EEG brain states at stimulus onset in a fixed interstimulus interval auditory oddball task, and their effects on ERP components. International Journal of Psychophysiology, 2003, 47, 187-198.	0.5	60
41	Short-term training in the Go/Nogo task: Behavioural and neural changes depend on task demands. International Journal of Psychophysiology, 2013, 87, 301-312.	0.5	60
42	Chronic cannabis users show altered neurophysiological functioning on Stroop task conflict resolution. Psychopharmacology, 2010, 212, 613-624.	1.5	59
43	Chronic use of cannabis and poor neural efficiency in verbal memory ability. Psychopharmacology, 2010, 209, 319-330.	1.5	55
44	Effects of varying stop-signal probability on ERPs in the stop-signal task: Do they reflect variations in inhibitory processing or simply novelty effects?. Biological Psychology, 2008, 77, 324-336.	1.1	54
45	Game-based combined cognitive and neurofeedback training using Focus Pocus reduces symptom severity in children with diagnosed AD/HD and subclinical AD/HD. International Journal of Psychophysiology, 2017, 116, 32-44.	0.5	53
46	Acute single channel EEG predictors of cognitive function after stroke. PLoS ONE, 2017, 12, e0185841.	1.1	51
47	The EEG Theta/Beta Ratio: A marker of Arousal or Cognitive Processing Capacity?. Applied Psychophysiology Biofeedback, 2019, 44, 123-129.	1.0	49
48	Quantitative EEG in low-IQ children with attention-deficit/hyperactivity disorder. Clinical Neurophysiology, 2006, 117, 1708-1714.	0.7	48
49	Caffeine and opening the eyes have additive effects on resting arousal measures. Clinical Neurophysiology, 2011, 122, 2010-2015.	0.7	45
50	Effects of methylphenidate on EEG coherence in Attention-Deficit/Hyperactivity Disorder. International Journal of Psychophysiology, 2005, 58, 4-11.	0.5	43
51	A Serious Game to Increase Healthy Food Consumption in Overweight or Obese Adults: Randomized Controlled Trial. JMIR Serious Games, 2016, 4, e10.	1.7	43
52	Resting state EEG power research in Attention-Deficit/Hyperactivity Disorder: A review update. Clinical Neurophysiology, 2020, 131, 1463-1479.	0.7	41
53	Neural time course of threat-related attentional bias and interference in panic and obsessiveâ€“compulsive disorders. Biological Psychology, 2013, 94, 116-129.	1.1	40
54	Detection of feigned recognition memory impairment using the old/new effect of the event-related potential. International Journal of Psychophysiology, 2000, 36, 1-9.	0.5	38

#	Article	IF	Citations
55	Age and gender effects in EEG coherence: II. Boys with attention deficit/hyperactivity disorder. Clinical Neurophysiology, 2005, 116, 977-984.	0.7	38
56	Caffeine effects on resting-state arousal in children. International Journal of Psychophysiology, 2009, 73, 355-361.	0.5	38
57	Neural mechanisms underlying trait impulsivity in non-clinical adults: Stop-signal performance and event-related potentials. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2007, 31, 443-454.	2.5	37
58	An evaluation of P50 pairedâ€€click methodologies. Psychophysiology, 2011, 48, 1692-1700.	1.2	37
59	The genetic and environmental relationship between the interpersonal sensitivity measure (IPSM) and the personality dimensions of Eysenck and Cloninger. Personality and Individual Differences, 2001, 31, 1039-1051.	1.6	36
60	Aiding diagnosis of attention-deficit/hyperactivity disorder and its subtypes: discriminant function analysis of event-related potential data. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2003, 44, 1067-1075.	3.1	36
61	Behavioural and ERP indices of response inhibition during a Stop-signal task in children with two subtypes of Attention-Deficit Hyperactivity Disorder. International Journal of Psychophysiology, 2007, 66, 37-47.	0.5	34
62	Event-rate effects in the flanker task: ERPs and task performance in children with and without AD/HD. International Journal of Psychophysiology, 2013, 87, 340-348.	0.5	34
63	Event-Related Potentials, Configural Encoding, and Feature-Based Encoding in Face Recognition. Journal of Psychophysiology, 2001, 15, 275-285.	0.3	33
64	Dysfunctional response preparation and inhibition during a visual Go/Nogo task in children with two subtypes of attention-deficit hyperactivity disorder. Psychiatry Research, 2009, 166, 223-237.	1.7	31
65	Event-related potential correlates of serial-position effects during an elaborative memory test. International Journal of Psychophysiology, 2002, 46, 13-27.	0.5	28
66	Shared and distinct resting functional connectivity in children and adults with attention-deficit/hyperactivity disorder. Translational Psychiatry, 2020, 10, 65.	2.4	28
67	EEG coherence adjusted for inter-electrode distance in children with attention-deficit/hyperactivity disorder. International Journal of Psychophysiology, 2005, 58, 12-20.	0.5	27
68	Sequence effects in the Go/NoGo task: Inhibition and facilitation. International Journal of Psychophysiology, 2009, 74, 209-219.	0.5	27
69	Arousal-state modulation in children with AD/HD. Clinical Neurophysiology, 2009, 120, 30-40.	0.7	27
70	Atypical interference control in children with AD/HD with elevated theta/beta ratio. Biological Psychology, 2017, 128, 82-88.	1.1	27
71	EEG development in Attention Deficit Hyperactivity Disorder: From child to adult. Clinical Neurophysiology, 2019, 130, 1256-1262.	0.7	27
72	How specific are inhibitory deficits to obsessive-compulsive disorder? A neurophysiological comparison with panic disorder. Clinical Neurophysiology, 2014, 125, 463-475.	0.7	26

#	Article	IF	Citations
73	Chronic effects of cannabis on sensory gating. International Journal of Psychophysiology, 2013, 89, 381-389.	0.5	25
74	Varying required effort during interference control in children with AD/HD: Task performance and ERPs. International Journal of Psychophysiology, 2010, 76, 174-185.	0.5	23
75	Event-related slow-wave activity in two subtypes of attention-deficit/hyperactivity disorder. Clinical Neurophysiology, 2003, 114, 504-514.	0.7	20
76	Removal of CNV Effects from the N2 and P3 ERP Components in a Visual Go/NoGo Task. Journal of Psychophysiology, 2005, 19, 24-34.	0.3	20
77	Effects of imipramine hydrochloride on the EEG of children with Attention-Deficit/Hyperactivity Disorder who are non-responsive to stimulants. International Journal of Psychophysiology, 2008, 68, 186-192.	0.5	19
78	Chronic Effects of Cannabis Use on the Auditory Mismatch Negativity. Biological Psychiatry, 2014, 75, 449-458.	0.7	19
79	The role of resting-state EEG localized activation and central nervous system arousal in executive function performance in children with Attention-Deficit/Hyperactivity Disorder. Clinical Neurophysiology, 2018, 129, 1192-1200.	0.7	18
80	Electroencephalogram Theta/Beta Ratio and Spectral Power Correlates of Executive Functions in Children and Adolescents With AD/HD. Journal of Attention Disorders, 2019, 23, 721-732.	1.5	18
81	Predicting functional outcomes after stroke: an observational study of acute single-channel EEG. Topics in Stroke Rehabilitation, 2020, 27, 161-172.	1.0	18
82	Event-related potentials reveal processing differences in honest vs. malingered memory performance. International Journal of Psychophysiology, 2002, 46, 147-158.	0.5	17
83	The relevance of attention in schizophrenia P50 paired stimulus studies. Clinical Neurophysiology, 2016, 127, 2448-2454.	0.7	17
84	Current forms of inhibitory training produce no greater reduction in drinking than simple assessment: A preliminary study. Drug and Alcohol Dependence, 2017, 173, 47-58.	1.6	17
85	Aiding the diagnosis of AD/HD in childhood: Using actigraphy and a continuous performance test to objectively quantify symptoms. Research in Developmental Disabilities, 2016, 59, 35-42.	1.2	16
86	Acute EEG Patterns Associated With Transient Ischemic Attack. Clinical EEG and Neuroscience, 2019, 50, 196-204.	0.9	15
87	Nasal bilevel positive airway pressure therapy in children with a sleep-related breathing disorder and attention-deficit hyperactivity disorder: effects on electrophysiological measures of brain function. Sleep Medicine, 2001, 2, 407-416.	0.8	13
88	Neural Correlates of Working Memory Deficits in Different Adult Outcomes of ADHD: An Event-Related Potential Study. Frontiers in Psychiatry, 2020, 11, 348.	1.3	13
89	Executive Function and Self-Regulation: Bi-Directional Longitudinal Associations and Prediction of Early Academic Skills. Frontiers in Psychology, 2021, 12, 733328.	1.1	13
90	Computer Gaming and ADHD: Potential Positive Influences on Behavior [Opinion]. IEEE Technology and Society Magazine, 2013, 32, 20-22.	0.6	12

#	Article	IF	Citations
91	Single-channel EEG measurement of engagement in virtual rehabilitation: a validation study. Virtual Reality, 2021, 25, 357-366.	4.1	12
92	A randomized controlled study of remote computerized cognitive, neurofeedback, and combined training in the treatment of children with attention-deficit/hyperactivity disorder. European Child and Adolescent Psychiatry, 2023, 32, 1475-1486.	2.8	12
93	Increased Beta Activity Links to Impaired Emotional Control in ADHD Adults With High IQ. Journal of Attention Disorders, 2019, 23, 754-764.	1.5	11
94	Aiding diagnosis of childhood attention-deficit/hyperactivity disorder of the inattentive presentation: Discriminant function analysis of multi-domain measures including EEG. Biological Psychology, 2021, 161, 108080.	1.1	11
95	Electrophysiology in attention-deficit/hyperactivity disorder. International Journal of Psychophysiology, 2005, 58, 1-3.	0.5	10
96	Clarifying the functional process represented by P50 suppression. International Journal of Psychophysiology, 2015, 96, 149-154.	0.5	10
97	Development of Frontal EEG Differences Between Eyes-Closed and Eyes-Open Resting Conditions in Children: Data From a Single-Channel Dry-Sensor Portable Device. Clinical EEG and Neuroscience, 2021, 52, 235-245.	0.9	10
98	A Preliminary Multiple Case Report of Neurocognitive Training for Children With AD/HD in China. SAGE Open, 2015, 5, 215824401558681.	0.8	7
99	Skin Conductance Responses Indicate Children are Physiologically Aroused by Their Favourite Branded Food and Drink Products. International Journal of Environmental Research and Public Health, 2019, 16, 3014.	1.2	7
100	Time Effects on Resting EEG in Children With/Without AD/HD. Brain Topography, 2019, 32, 286-294.	0.8	7
101	An investigation of the event-related slow-wave potential (0.01â€“2 Hz) in normal children. International Journal of Psychophysiology, 1999, 32, 15-34.	0.5	6
102	Mismatch Negativity and P50 Sensory Gating in Abstinent Former Cannabis Users. Neural Plasticity, 2016, 2016, 1-11.	1.0	6
103	A Developmental Investigation of Stop-Signal Inhibition. Journal of Psychophysiology, 2007, 21, 109-126.	0.3	6
104	Electrophysiology of facilitation priming in obsessiveâ€“compulsive and panic disorders. Clinical Neurophysiology, 2016, 127, 464-478.	0.7	4
105	Effect of Neurocognitive Training for Children With ADHD at Improving Academic Engagement in Two Learning Settings. Journal of Attention Disorders, 2021, 25, 414-431.	1.5	4
106	Effect of Omega-3 Supplementation on Self-Regulation in Typically Developing Preschool-Aged Children: Results of the Omega Kid Pilot Studyâ€”A Randomised, Double-Blind, Placebo-Controlled Trial. Nutrients, 2021, 13, 3561.	1.7	3
107	Comparing the Transfer Effects of Three Neurocognitive Training Protocols in Children With Attention-Deficit/Hyperactivity Disorder: A Single-Case Experimental Design. Behaviour Change, 2023, 40, 11-29.	0.6	2
108	EEG coherence during subjectively-rated psychological state variations. International Journal of Psychophysiology, 2020, 158, 380-388.	0.5	1

#	Article	IF	Citations
109	The Feasibility of the â€œOmega Kidâ€•Study Protocol: A Double-Blind, Randomised, Placebo-Controlled Trial Investigating the Effect of Omega-3 Supplementation on Self-Regulation in Preschool-Aged Children. Nutrients, 2021, 13, 213.	1.7	1
110	Psychophysiology in Australasia. International Journal of Psychophysiology, 2013, 89, 285-287.	0.5	0