

Stuart John Johnstone

List of Publications by Year in descending order

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110
papers

7,758
citations

50276

46
h-index

53230

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. <i>Clinical Neurophysiology</i> , 2007, 118, 2765-2773.	1.5	716
2	A review of electrophysiology in attention-deficit/hyperactivity disorder: I. Qualitative and quantitative electroencephalography. <i>Clinical Neurophysiology</i> , 2003, 114, 171-183.	1.5	655
3	A review of electrophysiology in attention-deficit/hyperactivity disorder: II. Event-related potentials. <i>Clinical Neurophysiology</i> , 2003, 114, 184-198.	1.5	371
4	Movement-related potentials in the Go/NoGo task: The P3 reflects both cognitive and motor inhibition. <i>Clinical Neurophysiology</i> , 2008, 119, 704-714.	1.5	342
5	Obstetric Risk Factors for Postnatal Depression in Urban and Rural Community Samples. <i>Australian and New Zealand Journal of Psychiatry</i> , 2001, 35, 69-74.	2.3	229
6	Inhibitory motor control in children with attention-deficit/hyperactivity disorder: event-related potentials in the stop-signal paradigm. <i>Biological Psychiatry</i> , 2003, 54, 1345-1354.	1.3	184
7	The auditory-evoked N2 and P3 components in the stop-signal task: Indices of inhibition, response-conflict or error-detection?. <i>Brain and Cognition</i> , 2006, 62, 98-112.	1.8	168
8	The development of stop-signal and Go/Nogo response inhibition in children aged 7-12 years: Performance and event-related potential indices. <i>International Journal of Psychophysiology</i> , 2007, 63, 25-38.	1.0	162
9	EEG differences in children between eyes-closed and eyes-open resting conditions. <i>Clinical Neurophysiology</i> , 2009, 120, 1806-1811.	1.5	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. <i>International Journal of Psychophysiology</i> , 1996, 24, 223-238.	1.0	158
11	Caffeine effects on resting-state arousal. <i>Clinical Neurophysiology</i> , 2005, 116, 2693-2700.	1.5	154
12	Event-related potentials during an emotional Stroop task. <i>International Journal of Psychophysiology</i> , 2007, 63, 221-231.	1.0	153
13	Electroencephalogram $\hat{\mu}^2$ Ratio and Arousal in Attention-Deficit/Hyperactivity Disorder: Evidence of Independent Processes. <i>Biological Psychiatry</i> , 2009, 66, 398-401.	1.3	149
14	Response priming in the Go/NoGo task: The N2 reflects neither inhibition nor conflict. <i>Clinical Neurophysiology</i> , 2007, 118, 343-355.	1.5	146
15	Ten years on: A follow-up review of ERP research in attention-deficit/hyperactivity disorder. <i>Clinical Neurophysiology</i> , 2013, 124, 644-657.	1.5	144
16	Development of Inhibitory Processing During the Go/NoGo Task. <i>Journal of Psychophysiology</i> , 2005, 19, 11-23.	0.7	134
17	Inhibitory processing during the Go/NoGo task: an ERP analysis of children with attention-deficit/hyperactivity disorder. <i>Clinical Neurophysiology</i> , 2004, 115, 1320-1331.	1.5	132
18	Effects of pre-stimulus processing on subsequent events in a warned Go/NoGo paradigm: Response preparation, execution and inhibition. <i>International Journal of Psychophysiology</i> , 2006, 61, 121-133.	1.0	122

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19	Behavioural differences between EEG-defined subgroups of children with Attention-Deficit/Hyperactivity Disorder. <i>Clinical Neurophysiology</i> , 2011, 122, 1333-1341.	1.5	121
20	Response inhibition and interference control in children with AD/HD: A visual ERP investigation. <i>International Journal of Psychophysiology</i> , 2009, 72, 145-153.	1.0	104
21	Topographic distribution and developmental timecourse of auditory event-related potentials in two subtypes of attention-deficit hyperactivity disorder. <i>International Journal of Psychophysiology</i> , 2001, 42, 73-94.	1.0	101
22	A meta-analysis of response inhibition and Stroop interference control deficits in adults with traumatic brain injury (TBI). <i>Journal of Clinical and Experimental Neuropsychology</i> , 2011, 33, 471-485.	1.3	98
23	Test-retest reliability of a single-channel, wireless EEG system. <i>International Journal of Psychophysiology</i> , 2016, 106, 87-96.	1.0	93
24	Effects of stimulant medications on the EEG of girls with Attention-Deficit/Hyperactivity Disorder. <i>Clinical Neurophysiology</i> , 2007, 118, 2700-2708.	1.5	89
25	Varying task difficulty in the Go/Nogo task: The effects of inhibitory control, arousal, and perceived effort on ERP components. <i>International Journal of Psychophysiology</i> , 2013, 87, 262-272.	1.0	89
26	Age and gender effects in EEG coherence: I. Developmental trends in normal children. <i>Clinical Neurophysiology</i> , 2004, 115, 2252-2258.	1.5	88
27	Auditory event-related potentials to a two-tone discrimination paradigm in attention deficit hyperactivity disorder. <i>Psychiatry Research</i> , 1996, 64, 179-192.	3.3	84
28	EEG From a Single-Channel Dry-Sensor Recording Device. <i>Clinical EEG and Neuroscience</i> , 2012, 43, 112-120.	1.7	80
29	Methylphenidate effects in attention deficit/hyperactivity disorder: electrodermal and ERP measures during a continuous performance task. <i>Psychopharmacology</i> , 2005, 183, 81-91.	3.1	79
30	Neurocognitive training for children with and without AD/HD. <i>ADHD Attention Deficit and Hyperactivity Disorders</i> , 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. <i>International Journal of Psychophysiology</i> , 2013, 89, 342-348.	1.0	79
32	The effect of methylphenidate on response inhibition and the event-related potential of children with Attention Deficit/Hyperactivity Disorder. <i>International Journal of Psychophysiology</i> , 2005, 58, 47-58.	1.0	78
33	Excess beta activity in the EEG of children with attention-deficit/hyperactivity disorder: A disorder of arousal?. <i>International Journal of Psychophysiology</i> , 2013, 89, 314-319.	1.0	76
34	Timing of caffeine's impact on autonomic and central nervous system measures: Clarification of arousal effects. <i>Biological Psychology</i> , 2008, 77, 304-316.	2.2	70
35	Coherence in children with Attention-Deficit/Hyperactivity Disorder and excess beta activity in their EEG. <i>Clinical Neurophysiology</i> , 2007, 118, 1472-1479.	1.5	66
36	Quantitative EEG analysis in dexamphetamine-responsive adults with attention-deficit/hyperactivity disorder. <i>Psychiatry Research</i> , 2006, 141, 151-159.	3.3	64

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37	Caffeine effects on ERPs and performance in an auditory Go/NoGo task. <i>Clinical Neurophysiology</i> , 2007, 118, 2692-2699.	1.5	63
38	Event-related potentials in the auditory oddball as a function of EEG alpha phase at stimulus onset. <i>Clinical Neurophysiology</i> , 2004, 115, 2593-2601.	1.5	62
39	A pilot study of combined working memory and inhibition training for children with AD/HD. <i>ADHD Attention Deficit and Hyperactivity Disorders</i> , 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. <i>International Journal of Psychophysiology</i> , 2003, 47, 187-198.	1.0	60
41	Short-term training in the Go/Nogo task: Behavioural and neural changes depend on task demands. <i>International Journal of Psychophysiology</i> , 2013, 87, 301-312.	1.0	60
42	Chronic cannabis users show altered neurophysiological functioning on Stroop task conflict resolution. <i>Psychopharmacology</i> , 2010, 212, 613-624.	3.1	59
43	Chronic use of cannabis and poor neural efficiency in verbal memory ability. <i>Psychopharmacology</i> , 2010, 209, 319-330.	3.1	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?. <i>Biological Psychology</i> , 2008, 77, 324-336.	2.2	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. <i>International Journal of Psychophysiology</i> , 2017, 116, 32-44.	1.0	53
46	Acute single channel EEG predictors of cognitive function after stroke. <i>PLoS ONE</i> , 2017, 12, e0185841.	2.5	51
47	The EEG Theta/Beta Ratio: A marker of Arousal or Cognitive Processing Capacity?. <i>Applied Psychophysiology Biofeedback</i> , 2019, 44, 123-129.	1.7	49
48	Quantitative EEG in low-IQ children with attention-deficit/hyperactivity disorder. <i>Clinical Neurophysiology</i> , 2006, 117, 1708-1714.	1.5	48
49	Caffeine and opening the eyes have additive effects on resting arousal measures. <i>Clinical Neurophysiology</i> , 2011, 122, 2010-2015.	1.5	45
50	Effects of methylphenidate on EEG coherence in Attention-Deficit/Hyperactivity Disorder. <i>International Journal of Psychophysiology</i> , 2005, 58, 4-11.	1.0	43
51	A Serious Game to Increase Healthy Food Consumption in Overweight or Obese Adults: Randomized Controlled Trial. <i>JMIR Serious Games</i> , 2016, 4, e10.	3.1	43
52	Resting state EEG power research in Attention-Deficit/Hyperactivity Disorder: A review update. <i>Clinical Neurophysiology</i> , 2020, 131, 1463-1479.	1.5	41
53	Neural time course of threat-related attentional bias and interference in panic and obsessive-compulsive disorders. <i>Biological Psychology</i> , 2013, 94, 116-129.	2.2	40
54	Detection of feigned recognition memory impairment using the old/new effect of the event-related potential. <i>International Journal of Psychophysiology</i> , 2000, 36, 1-9.	1.0	38

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55	Age and gender effects in EEG coherence: II. Boys with attention deficit/hyperactivity disorder. <i>Clinical Neurophysiology</i> , 2005, 116, 977-984.	1.5	38
56	Caffeine effects on resting-state arousal in children. <i>International Journal of Psychophysiology</i> , 2009, 73, 355-361.	1.0	38
57	Neural mechanisms underlying trait impulsivity in non-clinical adults: Stop-signal performance and event-related potentials. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 443-454.	4.8	37
58	An evaluation of P50 paired-click methodologies. <i>Psychophysiology</i> , 2011, 48, 1692-1700.	2.4	37
59	The genetic and environmental relationship between the interpersonal sensitivity measure (IPSM) and the personality dimensions of Eysenck and Cloninger. <i>Personality and Individual Differences</i> , 2001, 31, 1039-1051.	2.9	36
60	Aiding diagnosis of attention-deficit/hyperactivity disorder and its subtypes: discriminant function analysis of event-related potential data. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2003, 44, 1067-1075.	5.2	36
61	Behavioural and ERP indices of response inhibition during a Stop-signal task in children with two subtypes of Attention-Deficit Hyperactivity Disorder. <i>International Journal of Psychophysiology</i> , 2007, 66, 37-47.	1.0	34
62	Event-rate effects in the flanker task: ERPs and task performance in children with and without AD/HD. <i>International Journal of Psychophysiology</i> , 2013, 87, 340-348.	1.0	34
63	Event-Related Potentials, Configural Encoding, and Feature-Based Encoding in Face Recognition. <i>Journal of Psychophysiology</i> , 2001, 15, 275-285.	0.7	33
64	Dysfunctional response preparation and inhibition during a visual Go/Nogo task in children with two subtypes of attention-deficit hyperactivity disorder. <i>Psychiatry Research</i> , 2009, 166, 223-237.	3.3	31
65	Event-related potential correlates of serial-position effects during an elaborative memory test. <i>International Journal of Psychophysiology</i> , 2002, 46, 13-27.	1.0	28
66	Shared and distinct resting functional connectivity in children and adults with attention-deficit/hyperactivity disorder. <i>Translational Psychiatry</i> , 2020, 10, 65.	4.8	28
67	EEG coherence adjusted for inter-electrode distance in children with attention-deficit/hyperactivity disorder. <i>International Journal of Psychophysiology</i> , 2005, 58, 12-20.	1.0	27
68	Sequence effects in the Go/NoGo task: Inhibition and facilitation. <i>International Journal of Psychophysiology</i> , 2009, 74, 209-219.	1.0	27
69	Arousal-state modulation in children with AD/HD. <i>Clinical Neurophysiology</i> , 2009, 120, 30-40.	1.5	27
70	Atypical interference control in children with AD/HD with elevated theta/beta ratio. <i>Biological Psychology</i> , 2017, 128, 82-88.	2.2	27
71	EEG development in Attention Deficit Hyperactivity Disorder: From child to adult. <i>Clinical Neurophysiology</i> , 2019, 130, 1256-1262.	1.5	27
72	How specific are inhibitory deficits to obsessive-compulsive disorder? A neurophysiological comparison with panic disorder. <i>Clinical Neurophysiology</i> , 2014, 125, 463-475.	1.5	26

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73	Chronic effects of cannabis on sensory gating. <i>International Journal of Psychophysiology</i> , 2013, 89, 381-389.	1.0	25
74	Varying required effort during interference control in children with AD/HD: Task performance and ERPs. <i>International Journal of Psychophysiology</i> , 2010, 76, 174-185.	1.0	23
75	Event-related slow-wave activity in two subtypes of attention-deficit/hyperactivity disorder. <i>Clinical Neurophysiology</i> , 2003, 114, 504-514.	1.5	20
76	Removal of CNV Effects from the N2 and P3 ERP Components in a Visual Go/NoGo Task. <i>Journal of Psychophysiology</i> , 2005, 19, 24-34.	0.7	20
77	Effects of imipramine hydrochloride on the EEG of children with Attention-Deficit/Hyperactivity Disorder who are non-responsive to stimulants. <i>International Journal of Psychophysiology</i> , 2008, 68, 186-192.	1.0	19
78	Chronic Effects of Cannabis Use on the Auditory Mismatch Negativity. <i>Biological Psychiatry</i> , 2014, 75, 449-458.	1.3	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. <i>Clinical Neurophysiology</i> , 2018, 129, 1192-1200.	1.5	18
80	Electroencephalogram Theta/Beta Ratio and Spectral Power Correlates of Executive Functions in Children and Adolescents With AD/HD. <i>Journal of Attention Disorders</i> , 2019, 23, 721-732.	2.6	18
81	Predicting functional outcomes after stroke: an observational study of acute single-channel EEG. <i>Topics in Stroke Rehabilitation</i> , 2020, 27, 161-172.	1.9	18
82	Event-related potentials reveal processing differences in honest vs. malingered memory performance. <i>International Journal of Psychophysiology</i> , 2002, 46, 147-158.	1.0	17
83	The relevance of attention in schizophrenia P50 paired stimulus studies. <i>Clinical Neurophysiology</i> , 2016, 127, 2448-2454.	1.5	17
84	Current forms of inhibitory training produce no greater reduction in drinking than simple assessment: A preliminary study. <i>Drug and Alcohol Dependence</i> , 2017, 173, 47-58.	3.2	17
85	Aiding the diagnosis of AD/HD in childhood: Using actigraphy and a continuous performance test to objectively quantify symptoms. <i>Research in Developmental Disabilities</i> , 2016, 59, 35-42.	2.2	16
86	Acute EEG Patterns Associated With Transient Ischemic Attack. <i>Clinical EEG and Neuroscience</i> , 2019, 50, 196-204.	1.7	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. <i>Sleep Medicine</i> , 2001, 2, 407-416.	1.6	13
88	Neural Correlates of Working Memory Deficits in Different Adult Outcomes of ADHD: An Event-Related Potential Study. <i>Frontiers in Psychiatry</i> , 2020, 11, 348.	2.6	13
89	Executive Function and Self-Regulation: Bi-Directional Longitudinal Associations and Prediction of Early Academic Skills. <i>Frontiers in Psychology</i> , 2021, 12, 733328.	2.1	13
90	Computer Gaming and ADHD: Potential Positive Influences on Behavior [Opinion]. <i>IEEE Technology and Society Magazine</i> , 2013, 32, 20-22.	0.8	12

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91	Single-channel EEG measurement of engagement in virtual rehabilitation: a validation study. <i>Virtual Reality</i> , 2021, 25, 357-366.	6.1	12
92	A randomized controlled study of remote computerized cognitive, neurofeedback, and combined training in the treatment of children with attention-deficit/hyperactivity disorder. <i>European Child and Adolescent Psychiatry</i> , 2023, 32, 1475-1486.	4.7	12
93	Increased Beta Activity Links to Impaired Emotional Control in ADHD Adults With High IQ. <i>Journal of Attention Disorders</i> , 2019, 23, 754-764.	2.6	11
94	Aiding diagnosis of childhood attention-deficit/hyperactivity disorder of the inattentive presentation: Discriminant function analysis of multi-domain measures including EEG. <i>Biological Psychology</i> , 2021, 161, 108080.	2.2	11
95	Electrophysiology in attention-deficit/hyperactivity disorder. <i>International Journal of Psychophysiology</i> , 2005, 58, 1-3.	1.0	10
96	Clarifying the functional process represented by P50 suppression. <i>International Journal of Psychophysiology</i> , 2015, 96, 149-154.	1.0	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. <i>Clinical EEG and Neuroscience</i> , 2021, 52, 235-245.	1.7	10
98	A Preliminary Multiple Case Report of Neurocognitive Training for Children With AD/HD in China. <i>SAGE Open</i> , 2015, 5, 215824401558681.	1.7	7
99	Skin Conductance Responses Indicate Children are Physiologically Aroused by Their Favourite Branded Food and Drink Products. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3014.	2.6	7
100	Time Effects on Resting EEG in Children With/Without AD/HD. <i>Brain Topography</i> , 2019, 32, 286-294.	1.8	7
101	An investigation of the event-related slow-wave potential (0.01-2 Hz) in normal children. <i>International Journal of Psychophysiology</i> , 1999, 32, 15-34.	1.0	6
102	Mismatch Negativity and P50 Sensory Gating in Abstinent Former Cannabis Users. <i>Neural Plasticity</i> , 2016, 2016, 1-11.	2.2	6
103	A Developmental Investigation of Stop-Signal Inhibition. <i>Journal of Psychophysiology</i> , 2007, 21, 109-126.	0.7	6
104	Electrophysiology of facilitation priming in obsessive-compulsive and panic disorders. <i>Clinical Neurophysiology</i> , 2016, 127, 464-478.	1.5	4
105	Effect of Neurocognitive Training for Children With ADHD at Improving Academic Engagement in Two Learning Settings. <i>Journal of Attention Disorders</i> , 2021, 25, 414-431.	2.6	4
106	Effect of Omega-3 Supplementation on Self-Regulation in Typically Developing Preschool-Aged Children: Results of the Omega Kid Pilot Study—A Randomised, Double-Blind, Placebo-Controlled Trial. <i>Nutrients</i> , 2021, 13, 3561.	4.1	3
107	Comparing the Transfer Effects of Three Neurocognitive Training Protocols in Children With Attention-Deficit/Hyperactivity Disorder: A Single-Case Experimental Design. <i>Behaviour Change</i> , 2023, 40, 11-29.	1.3	2
108	EEG coherence during subjectively-rated psychological state variations. <i>International Journal of Psychophysiology</i> , 2020, 158, 380-388.	1.0	1

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109	The Feasibility of the “Omega Kid” Study Protocol: A Double-Blind, Randomised, Placebo-Controlled Trial Investigating the Effect of Omega-3 Supplementation on Self-Regulation in Preschool-Aged Children. <i>Nutrients</i> , 2021, 13, 213.	4.1	1
110	Psychophysiology in Australasia. <i>International Journal of Psychophysiology</i> , 2013, 89, 285-287.	1.0	0