Katherine A Johnson

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	40-second green roof views sustain attention: The role of micro-breaks in attention restoration. Journal of Environmental Psychology, 2015, 42, 182-189.	5.1	244
2	Response variability in Attention Deficit Hyperactivity Disorder: Evidence for neuropsychological heterogeneity. Neuropsychologia, 2007, 45, 630-638.	1.6	231
3	Dissociation in performance of children with ADHD and high-functioning autism on a task of sustained attention. Neuropsychologia, 2007, 45, 2234-2245.	1.6	220
4	Sustained attention, attentional selectivity, and attentional capacity across the lifespan. Attention, Perception, and Psychophysics, 2012, 74, 1570-1582.	1.3	156
5	Separation of Cognitive Impairments in Attention-Deficit/Hyperactivity Disorder Into 2 Familial Factors. Archives of General Psychiatry, 2010, 67, 1159.	12.3	150
6	Impaired conflict resolution and alerting in children with ADHD: evidence from the Attention Network Task (ANT). Journal of Child Psychology and Psychiatry and Allied Disciplines, 2008, 49, 1339-1347.	5.2	141
7	Attention Network Hypoconnectivity With Default and Affective Network Hyperconnectivity in Adults Diagnosed With Attention-Deficit/Hyperactivity Disorder in Childhood. JAMA Psychiatry, 2013, 70, 1329.	11.0	115
8	Bimanual co-ordination in Parkinson's disease. Brain, 1998, 121, 743-753.	7.6	97
9	Movement-related potentials in Parkinson's disease. Motor imagery and movement preparation. Brain, 1997, 120, 1339-1353.	7.6	91
10	A review of neuropsychological and neuroimaging research in autistic spectrum disorders: Attention, inhibition and cognitive flexibility. Research in Autism Spectrum Disorders, 2008, 2, 1-16.	1.5	84
11	Pragmatic language difficulties in children with hyperactivity and attention problems: an integrated review. International Journal of Language and Communication Disorders, 2014, 49, 15-29.	1.5	82
12	Conceptualising creativity benefits of nature experience: Attention restoration and mind wandering as complementary processes. Journal of Environmental Psychology, 2018, 59, 36-45.	5.1	64
13	Absence of the 7â€repeat variant of the DRD4 VNTR is associated with drifting sustained attention in children with ADHD but not in controls. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2008, 147B, 927-937.	1.7	62
14	The relationship between ADHD and key cognitive phenotypes is not mediated by shared familial effects with IQ. Psychological Medicine, 2011, 41, 861-871.	4.5	62
15	Development of brain networks and relevance of environmental and genetic factors: A systematic review. Neuroscience and Biobehavioral Reviews, 2016, 71, 215-239.	6.1	59
16	Dissociation in response to methylphenidate on response variability in a group of medication naÃ ⁻ ve children with ADHD. Neuropsychologia, 2008, 46, 1532-1541.	1.6	58
17	Functional developmental changes underlying response inhibition and error-detection processes. Neuropsychologia, 2009, 47, 3143-3151.	1.6	57
18	Can Nature Walks With Psychological Tasks Improve Mood, Self-Reported Restoration, and Sustained Attention? Results From Two Experimental Field Studies. Frontiers in Psychology, 2018, 9, 2057.	2.1	57

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19	Movement-related potentials in high-functioning autism and Asperger's disorder. Developmental Medicine and Child Neurology, 2006, 48, 272-277.	2.1	56
20	Imaging the genetics of executive function. Biological Psychology, 2008, 79, 30-42.	2.2	56
21	fMRI activation during response inhibition and error processing: The role of the DAT1 gene in typically developing adolescents and those diagnosed with ADHD. Neuropsychologia, 2011, 49, 1641-1650.	1.6	53
22	Dopaminergic genotype biases spatial attention in healthy children. Molecular Psychiatry, 2007, 12, 786-792.	7.9	52
23	What would Karl Popper say? Are current psychological theories of ADHD falsifiable?. Behavioral and Brain Functions, 2009, 5, 15.	3.3	52
24	Dopaminergic Haplotype as a Predictor of Spatial Inattention in Children With Attention-Deficit/Hyperactivity Disorder. Archives of General Psychiatry, 2009, 66, 1135.	12.3	50
25	Appraising the psychological benefits of green roofs for city residents and workers. Urban Forestry and Urban Greening, 2019, 44, 126399.	5.3	49
26	Spatial Attentional Bias as a Marker of Genetic Risk, Symptom Severity, and Stimulant Response in ADHD. Neuropsychopharmacology, 2008, 33, 2536-2545.	5.4	41
27	Response time variability under slow and fastâ€incentive conditions in children with <scp>ASD</scp> , <scp> ADHD</scp> and <scp>ASD</scp> + <scp>ADHD</scp> . Journal of Child Psychology and Psychiatry and Allied Disciplines, 2016, 57, 1414-1423.	5.2	40
28	Disrupted Functional Connectivity in Dorsal and Ventral Attention Networks During Attention Orienting in Autism Spectrum Disorders. Autism Research, 2015, 8, 136-152.	3.8	39
29	White Matter and Visuospatial Processing in Autism: A Constrained Spherical Deconvolution Tractography Study. Autism Research, 2013, 6, 307-319.	3.8	36
30	A Componential Analysis of Visual Attention in Children With ADHD. Journal of Attention Disorders, 2015, 19, 882-894.	2.6	36
31	Increased Response-Time Variability Across Different Cognitive Tasks in Children With ADHD. Journal of Attention Disorders, 2014, 18, 434-446.	2.6	35
32	Mindful engagement, psychological restoration, and connection with nature in constrained nature experiences. Landscape and Urban Planning, 2022, 217, 104263.	7.5	34
33	Methylphenidate Side Effect Profile Is Influenced by Genetic Variation in the Attention-Deficit/Hyperactivity Disorder-Associated CES1 Gene. Journal of Child and Adolescent Psychopharmacology, 2013, 23, 655-664.	1.3	29
34	Atypical Visuospatial Processing in Autism: Insights from Functional Connectivity Analysis. Autism Research, 2012, 5, 314-330.	3.8	28
35	Evidence of substantial development of inhibitory control and sustained attention between 6 and 8years of age on an unpredictable Go/No-Go task. Journal of Experimental Child Psychology, 2017, 157, 66-80.	1.4	28
36	Bimanual co-ordination in Huntington's disease. Experimental Brain Research, 2000, 134, 483-489.	1.5	27

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37	Abnormal functional connectivity during visuospatial processing is associated with disrupted organisation of white matter in autism. Frontiers in Human Neuroscience, 2013, 7, 434.	2.0	26
38	Sustained attention to a predictable, unengaging Go/No-Go task shows ongoing development between 6 and 11Âyears. Attention, Perception, and Psychophysics, 2017, 79, 1726-1741.	1.3	26
39	A mechanistic appraisal of cognitive dysfunction in epilepsy. Neuroscience and Biobehavioral Reviews, 2012, 36, 1885-1896.	6.1	24
40	Ten years of greening a wide brown land: A synthesis of Australian green roof research and roadmap forward. Urban Forestry and Urban Greening, 2021, 62, 127179.	5.3	24
41	Movement-related potentials in Huntington's disease: movement preparation and execution. Experimental Brain Research, 2001, 138, 492-499.	1.5	23
42	Children Can Implicitly, but Not Voluntarily, Direct Attention in Time. PLoS ONE, 2015, 10, e0123625.	2.5	23
43	A longitudinal analysis of the attention networks in 6- to 11-year-old children. Child Neuropsychology, 2018, 24, 145-165.	1.3	21
44	Aspects of attention and inhibitory control are associated with on-task classroom behaviour and behavioural assessments, by both teachers and parents, in children with high and low symptoms of ADHD. Child Neuropsychology, 2020, 26, 219-241.	1.3	19
45	Longitudinal Trajectories of Sustained Attention Development in Children and Adolescents with ADHD. Journal of Abnormal Child Psychology, 2020, 48, 1529-1542.	3.5	18
46	Electrophysiological Correlates of Response Time Variability During a Sustained Attention Task. Frontiers in Human Neuroscience, 2019, 13, 363.	2.0	17
47	Bimanual Coordination in Chronic Schizophrenia. Brain and Cognition, 2001, 45, 325-341.	1.8	16
48	The relationship between sustained attention, attentional selectivity, and capacity. Journal of Cognitive Psychology, 2012, 24, 313-328.	0.9	16
49	Right-sided spatial difficulties in ADHD demonstrated in continuous movement control. Neuropsychologia, 2010, 48, 1255-1264.	1.6	13
50	Methylphenidate improves some but not all measures of ATTENTION, as measured by the TEA-Ch in medication-naÃ ⁻ ve children with ADHD. Child Neuropsychology, 2014, 20, 303-318.	1.3	12
51	Small wins: an initiative to promote gender equity in higher education. Journal of Higher Education Policy and Management, 2015, 37, 689-701.	2.3	12
52	A child-focused version of the Attention Network Task designed to investigate interactions between the attention networks, including the endogenous orienting network. Child Neuropsychology, 2020, 26, 666-690.	1.3	11
53	Mice with an autismâ€associated <scp>R451C</scp> mutation in neuroliginâ€3 show a cautious but accurate response style in touchscreen attention tasks. Genes, Brain and Behavior, 2022, 21, e12757. 	2.2	11
54	Children born with very low birth weight show difficulties with sustained attention but not response inhibition. Child Neuropsychology, 2015, 21, 629-647.	1.3	10

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55	Isochronous Sequential Presentation Helps Children Orient Their Attention in Time. Frontiers in Psychology, 2016, 7, 1417.	2.1	10
56	Head Motion During MRI Predicted by out-of-Scanner Sustained Attention Performance in Attention-Deficit/Hyperactivity Disorder. Journal of Attention Disorders, 2021, 25, 1429-1440.	2.6	9
57	Assessing attention orienting in mice: a novel touchscreen adaptation of the Posner-style cueing task. Neuropsychopharmacology, 2021, 46, 432-441.	5.4	9
58	A Mental Timeline for Duration From the Age of 5 Years Old. Frontiers in Psychology, 2018, 9, 1155.	2.1	8
59	Integration and Segregation of the Brain Relate to Stability of Performance in Children and Adolescents with Varied Levels of Inattention and Impulsivity. Brain Connectivity, 2019, 9, 711-729.	1.7	8
60	Structural covariance networks in children and their associations with maternal behaviors. NeuroImage, 2019, 202, 115965.	4.2	8
61	Exploratory Factor Analysis of Observational Parent–Child Interaction Data. Assessment, 2020, 27, 1758-1776.	3.1	8
62	Effect of an attentional strategy on movement-related potentials recorded from subjects with Huntington's disease. Movement Disorders, 2002, 17, 998-1003.	3.9	7
63	The provision of partial notes is not associated with improved student attention in lectures or subsequent understanding of the lecture material. Active Learning in Higher Education, 2018, 19, 101-115.	5.4	7
64	Measurement of cortisol, dehydroepiandrosterone, and testosterone in the hair of children: Preliminary results and promising indications. Developmental Psychobiology, 2019, 61, 962-970.	1.6	7
65	Comparing the effect of mindful and other engagement interventions in nature on attention restoration, nature connection, and mood. Journal of Environmental Psychology, 2022, 81, 101813.	5.1	7
66	A new look at the developmental profile of visual endogenous orienting. Journal of Experimental Child Psychology, 2019, 183, 158-171.	1.4	6
67	Which Measures From a Sustained Attention Task Best Predict ADHD Group Membership?. Journal of Attention Disorders, 2022, 26, 1471-1482.	2.6	6
68	Childhood-Diagnosed ADHD, Symptom Progression, and Reversal Learning in Adulthood. Journal of Attention Disorders, 2018, 22, 561-570.	2.6	5
69	Towards understanding neurocognitive mechanisms of parenting: Maternal behaviors and structural brain network organization in late childhood. Human Brain Mapping, 2021, 42, 1845-1862.	3.6	5
70	†Letting my mind run wild': Exploring the role of individual engagement in nature experiences. Urban Forestry and Urban Greening, 2022, 71, 127566.	5.3	4
71	Water and Meadow Views Both Afford Perceived but Not Performance-Based Attention Restoration: Results From Two Experimental Studies. Frontiers in Psychology, 2022, 13, 809629.	2.1	4
72	Longitudinal maturation of resting state networks: Relevance to sustained attention and attention deficit/hyperactivity disorder. Cognitive, Affective and Behavioral Neuroscience, 2022, 22, 1432-1446.	2.0	3

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73	Green micro-breaks: Viewing workplace nature improves mood and performance. Proceedings - Academy of Management, 2017, 2017, 11996.	0.1	2
74	Higher Tablet Use Is Associated With Better Sustained Attention Performance but Poorer Sleep Quality in School-Aged Children. Frontiers in Psychology, 2021, 12, 742468.	2.1	2
75	Memory Complaints in Healthy Middle-Aged Adults Are Not Associated with Memory or Sustained Attention Performance. Journal of Attention Disorders, 2022, 26, 629-639.	2.6	1
76	Neuropsychological interventions — research and practice - A review of Neuropsychological Interventions: Clinical Research and Practice, edited by Paul J. Eslinger. New York, Guilford Publications, 2002, 360 pp., \$50.00 Irish Journal of Psychological Medicine, 2006, 23, 41-41.	1.0	0