

Katherine A Johnson

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

3,219
citations

147786
31
h-index

161844
54
g-index

77
all docs

77
docs citations

77
times ranked

4217
citing authors

#	ARTICLE	IF	CITATIONS
1	40-second green roof views sustain attention: The role of micro-breaks in attention restoration. <i>Journal of Environmental Psychology</i> , 2015, 42, 182-189.	5.1	244
2	Response variability in Attention Deficit Hyperactivity Disorder: Evidence for neuropsychological heterogeneity. <i>Neuropsychologia</i> , 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. <i>Neuropsychologia</i> , 2007, 45, 2234-2245.	1.6	220
4	Sustained attention, attentional selectivity, and attentional capacity across the lifespan. <i>Attention, Perception, and Psychophysics</i> , 2012, 74, 1570-1582.	1.3	156
5	Separation of Cognitive Impairments in Attention-Deficit/Hyperactivity Disorder Into 2 Familial Factors. <i>Archives of General Psychiatry</i> , 2010, 67, 1159.	12.3	150
6	Impaired conflict resolution and alerting in children with ADHD: evidence from the Attention Network Task (ANT). <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 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. <i>JAMA Psychiatry</i> , 2013, 70, 1329.	11.0	115
8	Bimanual co-ordination in Parkinson's disease. <i>Brain</i> , 1998, 121, 743-753.	7.6	97
9	Movement-related potentials in Parkinson's disease. Motor imagery and movement preparation. <i>Brain</i> , 1997, 120, 1339-1353.	7.6	91
10	A review of neuropsychological and neuroimaging research in autistic spectrum disorders: Attention, inhibition and cognitive flexibility. <i>Research in Autism Spectrum Disorders</i> , 2008, 2, 1-16.	1.5	84
11	Pragmatic language difficulties in children with hyperactivity and attention problems: an integrated review. <i>International Journal of Language and Communication Disorders</i> , 2014, 49, 15-29.	1.5	82
12	Conceptualising creativity benefits of nature experience: Attention restoration and mind wandering as complementary processes. <i>Journal of Environmental Psychology</i> , 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. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 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. <i>Psychological Medicine</i> , 2011, 41, 861-871.	4.5	62
15	Development of brain networks and relevance of environmental and genetic factors: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 71, 215-239.	6.1	59
16	Dissociation in response to methylphenidate on response variability in a group of medication naïve children with ADHD. <i>Neuropsychologia</i> , 2008, 46, 1532-1541.	1.6	58
17	Functional developmental changes underlying response inhibition and error-detection processes. <i>Neuropsychologia</i> , 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. <i>Frontiers in Psychology</i> , 2018, 9, 2057.	2.1	57

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19	Movement-related potentials in high-functioning autism and Asperger's disorder. <i>Developmental Medicine and Child Neurology</i> , 2006, 48, 272-277.	2.1	56
20	Imaging the genetics of executive function. <i>Biological Psychology</i> , 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. <i>Neuropsychologia</i> , 2011, 49, 1641-1650.	1.6	53
22	Dopaminergic genotype biases spatial attention in healthy children. <i>Molecular Psychiatry</i> , 2007, 12, 786-792.	7.9	52
23	What would Karl Popper say? Are current psychological theories of ADHD falsifiable?. <i>Behavioral and Brain Functions</i> , 2009, 5, 15.	3.3	52
24	Dopaminergic Haplotype as a Predictor of Spatial Inattention in Children With Attention-Deficit/Hyperactivity Disorder. <i>Archives of General Psychiatry</i> , 2009, 66, 1135.	12.3	50
25	Appraising the psychological benefits of green roofs for city residents and workers. <i>Urban Forestry and Urban Greening</i> , 2019, 44, 126399.	5.3	49
26	Spatial Attentional Bias as a Marker of Genetic Risk, Symptom Severity, and Stimulant Response in ADHD. <i>Neuropsychopharmacology</i> , 2008, 33, 2536-2545.	5.4	41
27	Response time variability under slow and fast incentive conditions in children with <scp>ASD</scp>, <scp>ADHD</scp> and <scp>ASD</scp>+<scp>ADHD</scp>. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016, 57, 1414-1423.	5.2	40
28	Disrupted Functional Connectivity in Dorsal and Ventral Attention Networks During Attention Orienting in Autism Spectrum Disorders. <i>Autism Research</i> , 2015, 8, 136-152.	3.8	39
29	White Matter and Visuospatial Processing in Autism: A Constrained Spherical Deconvolution Tractography Study. <i>Autism Research</i> , 2013, 6, 307-319.	3.8	36
30	A Componential Analysis of Visual Attention in Children With ADHD. <i>Journal of Attention Disorders</i> , 2015, 19, 882-894.	2.6	36
31	Increased Response-Time Variability Across Different Cognitive Tasks in Children With ADHD. <i>Journal of Attention Disorders</i> , 2014, 18, 434-446.	2.6	35
32	Mindful engagement, psychological restoration, and connection with nature in constrained nature experiences. <i>Landscape and Urban Planning</i> , 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. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2013, 23, 655-664.	1.3	29
34	Atypical Visuospatial Processing in Autism: Insights from Functional Connectivity Analysis. <i>Autism Research</i> , 2012, 5, 314-330.	3.8	28
35	Evidence of substantial development of inhibitory control and sustained attention between 6 and 8 years of age on an unpredictable Go/No-Go task. <i>Journal of Experimental Child Psychology</i> , 2017, 157, 66-80.	1.4	28
36	Bimanual co-ordination in Huntington's disease. <i>Experimental Brain Research</i> , 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. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 434.	2.0	26
38	Sustained attention to a predictable, unengaging Go/No-Go task shows ongoing development between 6 and 11 years. <i>Attention, Perception, and Psychophysics</i> , 2017, 79, 1726-1741.	1.3	26
39	A mechanistic appraisal of cognitive dysfunction in epilepsy. <i>Neuroscience and Biobehavioral Reviews</i> , 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. <i>Urban Forestry and Urban Greening</i> , 2021, 62, 127179.	5.3	24
41	Movement-related potentials in Huntington's disease: movement preparation and execution. <i>Experimental Brain Research</i> , 2001, 138, 492-499.	1.5	23
42	Children Can Implicitly, but Not Voluntarily, Direct Attention in Time. <i>PLoS ONE</i> , 2015, 10, e0123625.	2.5	23
43	A longitudinal analysis of the attention networks in 6- to 11-year-old children. <i>Child Neuropsychology</i> , 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. <i>Child Neuropsychology</i> , 2020, 26, 219-241.	1.3	19
45	Longitudinal Trajectories of Sustained Attention Development in Children and Adolescents with ADHD. <i>Journal of Abnormal Child Psychology</i> , 2020, 48, 1529-1542.	3.5	18
46	Electrophysiological Correlates of Response Time Variability During a Sustained Attention Task. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 363.	2.0	17
47	Bimanual Coordination in Chronic Schizophrenia. <i>Brain and Cognition</i> , 2001, 45, 325-341.	1.8	16
48	The relationship between sustained attention, attentional selectivity, and capacity. <i>Journal of Cognitive Psychology</i> , 2012, 24, 313-328.	0.9	16
49	Right-sided spatial difficulties in ADHD demonstrated in continuous movement control. <i>Neuropsychologia</i> , 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-naïve children with ADHD. <i>Child Neuropsychology</i> , 2014, 20, 303-318.	1.3	12
51	Small wins: an initiative to promote gender equity in higher education. <i>Journal of Higher Education Policy and Management</i> , 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. <i>Child Neuropsychology</i> , 2020, 26, 666-690.	1.3	11
53	Mice with an autism-associated <i>R451C</i> mutation in neuroligin-3 show a cautious but accurate response style in touchscreen attention tasks. <i>Genes, Brain and Behavior</i> , 2022, 21, e12757.	2.2	11
54	Children born with very low birth weight show difficulties with sustained attention but not response inhibition. <i>Child Neuropsychology</i> , 2015, 21, 629-647.	1.3	10

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55	Isochronous Sequential Presentation Helps Children Orient Their Attention in Time. <i>Frontiers in Psychology</i> , 2016, 7, 1417.	2.1	10
56	Head Motion During MRI Predicted by out-of-Scanner Sustained Attention Performance in Attention-Deficit/Hyperactivity Disorder. <i>Journal of Attention Disorders</i> , 2021, 25, 1429-1440.	2.6	9
57	Assessing attention orienting in mice: a novel touchscreen adaptation of the Posner-style cueing task. <i>Neuropsychopharmacology</i> , 2021, 46, 432-441.	5.4	9
58	A Mental Timeline for Duration From the Age of 5 Years Old. <i>Frontiers in Psychology</i> , 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. <i>Brain Connectivity</i> , 2019, 9, 711-729.	1.7	8
60	Structural covariance networks in children and their associations with maternal behaviors. <i>NeuroImage</i> , 2019, 202, 115965.	4.2	8
61	Exploratory Factor Analysis of Observational Parent-Child Interaction Data. <i>Assessment</i> , 2020, 27, 1758-1776.	3.1	8
62	Effect of an attentional strategy on movement-related potentials recorded from subjects with Huntington's disease. <i>Movement Disorders</i> , 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. <i>Active Learning in Higher Education</i> , 2018, 19, 101-115.	5.4	7
64	Measurement of cortisol, dehydroepiandrosterone, and testosterone in the hair of children: Preliminary results and promising indications. <i>Developmental Psychobiology</i> , 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. <i>Journal of Environmental Psychology</i> , 2022, 81, 101813.	5.1	7
66	A new look at the developmental profile of visual endogenous orienting. <i>Journal of Experimental Child Psychology</i> , 2019, 183, 158-171.	1.4	6
67	Which Measures From a Sustained Attention Task Best Predict ADHD Group Membership?. <i>Journal of Attention Disorders</i> , 2022, 26, 1471-1482.	2.6	6
68	Childhood-Diagnosed ADHD, Symptom Progression, and Reversal Learning in Adulthood. <i>Journal of Attention Disorders</i> , 2018, 22, 561-570.	2.6	5
69	Towards understanding neurocognitive mechanisms of parenting: Maternal behaviors and structural brain network organization in late childhood. <i>Human Brain Mapping</i> , 2021, 42, 1845-1862.	3.6	5
70	“Letting my mind run wild”: Exploring the role of individual engagement in nature experiences. <i>Urban Forestry and Urban Greening</i> , 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. <i>Frontiers in Psychology</i> , 2022, 13, 809629.	2.1	4
72	Longitudinal maturation of resting state networks: Relevance to sustained attention and attention deficit/hyperactivity disorder. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 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