

Joel T Nigg

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

7,804
citations

76326

40
h-index

58581

82
g-index

93
all docs

93
docs citations

93
times ranked

9429
citing authors

#	ARTICLE	IF	CITATIONS
1	Annual Research Review: On the relations among self-regulation, self-control, executive functioning, effortful control, cognitive control, impulsivity, risk-taking, and inhibition for developmental psychopathology. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2017, 58, 361-383.	5.2	883
2	Validity of DSM-IV attention deficit/hyperactivity disorder symptom dimensions and subtypes.. <i>Journal of Abnormal Psychology</i> , 2012, 121, 991-1010.	1.9	676
3	The World Federation of ADHD International Consensus Statement: 208 Evidence-based conclusions about the disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 128, 789-818.	6.1	483
4	Distinct neuropsychological subgroups in typically developing youth inform heterogeneity in children with ADHD. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6769-6774.	7.1	386
5	Attention-deficit/hyperactivity disorder and adverse health outcomes. <i>Clinical Psychology Review</i> , 2013, 33, 215-228.	11.4	357
6	Subtyping Attention-Deficit/Hyperactivity Disorder Using Temperament Dimensions. <i>JAMA Psychiatry</i> , 2014, 71, 1015.	11.0	278
7	The Heterogeneity Problem: Approaches to Identify Psychiatric Subtypes. <i>Trends in Cognitive Sciences</i> , 2019, 23, 584-601.	7.8	229
8	Real-time motion analytics during brain MRI improve data quality and reduce costs. <i>NeuroImage</i> , 2017, 161, 80-93.	4.2	221
9	Measured Gene-by-Environment Interaction in Relation to Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 863-873.	0.5	209
10	Aggressive behavior problems in children with autism spectrum disorders: Prevalence and correlates in a large clinical sample. <i>Research in Autism Spectrum Disorders</i> , 2014, 8, 1121-1133.	1.5	192
11	Meta-Analysis of Attention-Deficit/Hyperactivity Disorder or Attention-Deficit/Hyperactivity Disorder Symptoms, Restriction Diet, and Synthetic Food Color Additives. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2012, 51, 86-97.e8.	0.5	182
12	Connectotyping: Model Based Fingerprinting of the Functional Connectome. <i>PLoS ONE</i> , 2014, 9, e111048.	2.5	182
13	Confirmation and extension of association of blood lead with attention-deficit/hyperactivity disorder (ADHD) and ADHD symptom domains at population-typical exposure levels. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2010, 51, 58-65.	5.2	174
14	Structural and Functional Rich Club Organization of the Brain in Children and Adults. <i>PLoS ONE</i> , 2014, 9, e88297.	2.5	165
15	Correction of respiratory artifacts in MRI head motion estimates. <i>NeuroImage</i> , 2020, 208, 116400.	4.2	161
16	Attention-deficit/hyperactivity disorder (ADHD) and being overweight/obesity: New data and meta-analysis. <i>Clinical Psychology Review</i> , 2016, 43, 67-79.	11.4	142
17	Omega-3 fatty acid and ADHD: Blood level analysis and meta-analytic extension of supplementation trials. <i>Clinical Psychology Review</i> , 2014, 34, 496-505.	11.4	129
18	Characterizing heterogeneity in children with and without ADHD based on reward system connectivity. <i>Developmental Cognitive Neuroscience</i> , 2015, 11, 155-174.	4.0	110

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19	Emotion Regulation and Heterogeneity in Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2013, 52, 163-171.e2.	0.5	105
20	Methylomic analysis of salivary <scp>DNA</scp> in childhood <scp>ADHD</scp> identifies altered <scp>DNA</scp> methylation in <i><scp>VIPR</scp>2</i>. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016, 57, 152-160.	5.2	99
21	Organizing Heterogeneous Samples Using Community Detection of GIMME-Derived Resting State Functional Networks. <i>PLoS ONE</i> , 2014, 9, e91322.	2.5	98
22	Do we need an irritable subtype of ADHD? Replication and extension of a promising temperament profile approach to ADHD subtyping.. <i>Psychological Assessment</i> , 2019, 31, 236-247.	1.5	96
23	Functional and genomic context in pathway analysis of GWAS data. <i>Trends in Genetics</i> , 2014, 30, 390-400.	6.7	95
24	Heritability of the human connectome: A connectotyping study. <i>Network Neuroscience</i> , 2018, 2, 175-199.	2.6	94
25	Overlapping and Distinct Cognitive Impairments in Attention-Deficit/Hyperactivity and Autism Spectrum Disorder without Intellectual Disability. <i>Journal of Abnormal Child Psychology</i> , 2018, 46, 1705-1716.	3.5	92
26	Heterogeneity in development of aspects of working memory predicts longitudinal attention deficit hyperactivity disorder symptom change.. <i>Journal of Abnormal Psychology</i> , 2017, 126, 774-792.	1.9	90
27	Left middle frontal gyrus response to inhibitory errors in children prospectively predicts early problem substance use. <i>Drug and Alcohol Dependence</i> , 2014, 141, 51-57.	3.2	77
28	Working Memory and Vigilance as Multivariate Endophenotypes Related to Common Genetic Risk for Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2018, 57, 175-182.	0.5	76
29	Evaluating chronic emotional dysregulation and irritability in relation to <scp>ADHD</scp> and depression genetic risk in children with <scp>ADHD</scp>. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2020, 61, 205-214.	5.2	68
30	A Network Analysis of Developmental Change in ADHD Symptom Structure From Preschool to Adulthood. <i>Clinical Psychological Science</i> , 2016, 4, 988-1001.	4.0	67
31	Early identification of <scp>ADHD</scp> risk via infant temperament and emotion regulation: a pilot study. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 949-957.	5.2	63
32	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The <scp>ENIGMA</scp> adventure. <i>Human Brain Mapping</i> , 2022, 43, 37-55.	3.6	61
33	Sibling Recurrence Risk and Cross-aggregation of Attention-Deficit/Hyperactivity Disorder and Autism Spectrum Disorder. <i>JAMA Pediatrics</i> , 2019, 173, 147.	6.2	59
34	Toward a Revised Nosology for Attention-Deficit/Hyperactivity Disorder Heterogeneity. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 726-737.	1.5	55
35	Large epigenome-wide association study of childhood ADHD identifies peripheral DNA methylation associated with disease and polygenic risk burden. <i>Translational Psychiatry</i> , 2020, 10, 8.	4.8	54
36	What Is to Be the Fate of ADHD Subtypes? An Introduction to the Special Section on Research on the ADHD Subtypes and Implications for the DSMâ€V. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2010, 39, 723-725.	3.4	53

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37	Future Directions in ADHD Etiology Research. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2012, 41, 524-533.	3.4	50
38	Attention-deficit/hyperactivity disorder developmental trajectories related to parental expressed emotion.. <i>Journal of Abnormal Psychology</i> , 2016, 125, 182-195.	1.9	48
39	ADHD and attentional control: Impaired segregation of task positive and task negative brain networks. <i>Network Neuroscience</i> , 2018, 2, 200-217.	2.6	46
40	Integration of symptom ratings from multiple informants in ADHD diagnosis: A psychometric model with clinical utility.. <i>Psychological Assessment</i> , 2015, 27, 1060-1071.	1.5	45
41	Sequencing of sporadic Attention-Deficit Hyperactivity Disorder (ADHD) identifies novel and potentially pathogenic de novo variants and excludes overlap with genes associated with autism spectrum disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2017, 174, 381-389.	1.7	44
42	Specificity of executive functioning and processing speed problems in common psychopathology.. <i>Neuropsychology</i> , 2017, 31, 448-466.	1.3	43
43	Heterogeneity and Subtyping in Attention-Deficit/Hyperactivity Disorder-” Considerations for Emerging Research Using Person-Centered Computational Approaches. <i>Biological Psychiatry</i> , 2020, 88, 103-110.	1.3	43
44	Restriction and Elimination Diets in ADHD Treatment. <i>Child and Adolescent Psychiatric Clinics of North America</i> , 2014, 23, 937-953.	1.9	42
45	Variation in an Iron Metabolism Gene Moderates the Association Between Blood Lead Levels and Attention-Deficit/Hyperactivity Disorder in Children. <i>Psychological Science</i> , 2016, 27, 257-269.	3.3	42
46	Executive Function and Intelligence in the Resolution of Temporary Syntactic Ambiguity: An Individual Differences Investigation. <i>Quarterly Journal of Experimental Psychology</i> , 2017, 70, 1263-1281.	1.1	41
47	Analysis of structural brain asymmetries in attention-deficit/hyperactivity disorder in 39 datasets. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2021, 62, 1202-1219.	5.2	40
48	The Association of Lifestyle Factors and ADHD in Children. <i>Journal of Attention Disorders</i> , 2020, 24, 1511-1520.	2.6	39
49	Pathway analysis in attention deficit hyperactivity disorder: An ensemble approach. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2016, 171, 815-826.	1.7	38
50	Temperament and externalizing behavior as mediators of genetic risk on adolescent substance use.. <i>Journal of Abnormal Psychology</i> , 2016, 125, 565-575.	1.9	33
51	Inferring functional connectivity in MRI using Bayesian network structure learning with a modified PC algorithm. <i>NeuroImage</i> , 2013, 75, 165-175.	4.2	32
52	Does Child Temperament Play a Role in the Association Between Parenting Practices and Child Attention Deficit/Hyperactivity Disorder?. <i>Journal of Abnormal Child Psychology</i> , 2016, 44, 167-178.	3.5	29
53	Recalled Initiation and Duration of Maternal Breastfeeding Among Children with and Without ADHD in a Well Characterized Case-”Control Sample. <i>Journal of Abnormal Child Psychology</i> , 2016, 44, 347-355.	3.5	29
54	Electroencephalogram aperiodic power spectral slope can be reliably measured and predicts ADHD risk in early development. <i>Developmental Psychobiology</i> , 2022, 64, e22228.	1.6	29

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55	Comparing directed functional connectivity between groups with confirmatory subgrouping GIMME. <i>NeuroImage</i> , 2019, 188, 642-653.	4.2	26
56	Heterogeneity of executive function revealed by a functional random forest approach across ADHD and ASD. <i>NeuroImage: Clinical</i> , 2020, 26, 102245.	2.7	26
57	Maternal prepregnancy body mass index and offspring attentionâ€deficit/hyperactivity disorder: a quasi-experimental sibling-comparison, population-based design. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2017, 58, 240-247.	5.2	25
58	Individual differences in functional brain connectivity predict temporal discounting preference in the transition to adolescence. <i>Developmental Cognitive Neuroscience</i> , 2018, 34, 101-113.	4.0	25
59	Variation in Parasympathetic Dysregulation Moderates Short-term Memory Problems in Childhood Attention-Deficit/Hyperactivity Disorder. <i>Journal of Abnormal Child Psychology</i> , 2015, 43, 1573-1583.	3.5	24
60	Pre- and Perinatal Risk for Attention-Deficit Hyperactivity Disorder: Does Neuropsychological Weakness Explain the Link?. <i>Journal of Abnormal Child Psychology</i> , 2016, 44, 1473-1485.	3.5	24
61	Reliability and Validity of Proposed DSM-5 ADHD Symptoms in a Clinical Sample of Adults. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2015, 27, 228-236.	1.8	23
62	Attention-Deficit/Hyperactivity Disorder: Restricted Phenotypes Prevalence, Comorbidity, and Polygenic Risk Sensitivity in the ABCD Baseline Cohort. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2022, 61, 1273-1284.	0.5	22
63	Emotion Dysregulation Across Emotion Systems in Attention Deficit/Hyperactivity Disorder. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2019, 48, 153-165.	3.4	21
64	Addressing Discrepancies Between ADHD Prevalence and Case Identification Estimates Among U.S. Children Utilizing NSCH 2007-2012. <i>Journal of Attention Disorders</i> , 2019, 23, 1691-1702.	2.6	19
65	Concurrent and developmental correlates of psychopathic traits using a triarchic psychopathy model approach.. <i>Journal of Abnormal Psychology</i> , 2017, 126, 859-876.	1.9	19
66	Is the Association of ADHD with Socio-Economic Disadvantage Explained by Child Comorbid Externalizing Problems or Parent ADHD?. <i>Journal of Abnormal Child Psychology</i> , 2018, 46, 951-963.	3.5	18
67	Smaller total brain volume but not subcortical structure volume related to common genetic risk for ADHD. <i>Psychological Medicine</i> , 2021, 51, 1279-1288.	4.5	18
68	Network Structure among Brain Systems in Adult ADHD is Uniquely Modified by Stimulant Administration. <i>Cerebral Cortex</i> , 2017, 27, 3970-3979.	2.9	17
69	Does 5HTTLPR Genotype Moderate the Association of Family Environment With Child Attention-Deficit Hyperactivity Disorder Symptomatology?. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2016, 45, 348-360.	3.4	17
70	Maternal Interleukin-6 Is Associated With Macaque Offspring Amygdala Development and Behavior. <i>Cerebral Cortex</i> , 2020, 30, 1573-1585.	2.9	17
71	Evaluating the Viability of Neurocognition as a Transdiagnostic Construct Using Both Latent Variable Models and Network Analysis. <i>Research on Child and Adolescent Psychopathology</i> , 2021, 49, 697-710.	2.3	17
72	School-based mindfulness intervention for stress reduction in adolescents: Design and methodology of an open-label, parallel group, randomized controlled trial. <i>Contemporary Clinical Trials Communications</i> , 2016, 4, 99-104.	1.1	16

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73	Toward an Emerging Paradigm for Understanding Attention-Deficit/Hyperactivity Disorder and Other Neurodevelopmental, Mental, and Behavioral Disorders. <i>JAMA Pediatrics</i> , 2018, 172, 619.	6.2	15
74	Increased Maternal Prenatal Adiposity, Inflammation, and Lower Omega-3 Fatty Acid Levels Influence Child Negative Affect. <i>Frontiers in Neuroscience</i> , 2019, 13, 1035.	2.8	14
75	Evaluation of dietary intake in children and college students with and without attention-deficit/hyperactivity disorder. <i>Nutritional Neuroscience</i> , 2019, 22, 664-677.	3.1	14
76	Sleep and behavioral control in earlier life predicted resilience in young adulthood: A prospective study of children of alcoholics and controls. <i>Addictive Behaviors</i> , 2018, 82, 65-71.	3.0	13
77	Polygenic Risk Score–Derived Subcortical Connectivity Mediates Attention-Deficit/Hyperactivity Disorder Diagnosis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 330-341.	1.5	13
78	Sex moderates the impact of birth weight on child externalizing psychopathology.. <i>Journal of Abnormal Psychology</i> , 2017, 126, 244-256.	1.9	13
79	Notice of Retraction and Replacement. Karalunas et al. Subtyping attention-deficit/hyperactivity disorder using temperament dimensions: toward biologically based nosologic criteria. <i>JAMA Psychiatry</i> . 2014;71(9):1015-1024. <i>JAMA Psychiatry</i> , 2018, 75, 408.	11.0	12
80	Subgroups of Childhood ADHD Based on Temperament Traits and Cognition: Concurrent and Predictive Validity. <i>Journal of Abnormal Child Psychology</i> , 2020, 48, 1251-1264.	3.5	11
81	Longitudinal network model of the co-development of temperament, executive functioning, and psychopathology symptoms in youth with and without ADHD. <i>Development and Psychopathology</i> , 2021, 33, 1803-1820.	2.3	11
82	Commentary: ADHD and social disadvantage: an inconvenient truth? – a reflection on Russell et al. () and Larsson et al. (). <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2014, 55, 446-447.	5.2	9
83	Child and adolescent predictors of smoking involvement in emerging adulthood.. <i>Health Psychology</i> , 2019, 38, 133-142.	1.6	9
84	Classroom-Based Mindfulness Training Reduces Anxiety in Adolescents: Acceptability and Effectiveness of a Cluster-Randomized Pilot Study. <i>Journal of Restorative Medicine</i> , 2020, 9, .	0.6	8
85	Parsing ADHD With Temperament Traits. <i>Current Directions in Psychological Science</i> , 2022, 31, 324-332.	5.3	5
86	Longitudinal Temperament Pathways to ADHD Between Childhood and Adolescence. <i>Research on Child and Adolescent Psychopathology</i> , 2022, , 1.	2.3	4
87	Commentary: Risk taking, impulsivity, and externalizing problems in adolescent development – commentary on Crone et al. 2016. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016, 57, 369-370.	5.2	3
88	Clarifying the nuances in ADHD and health outcomes: a case of overweight and obesity. <i>Evidence-Based Mental Health</i> , 2016, 19, e17-e17.	4.5	0
89	Cover Image, Volume 171B, Number 6, September 2016. , 2016, 171, i-i.		0