

Bonnie J Nagel

List of Publications by Year in descending order

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Version: 2024-02-01

117
papers

10,934
citations

44069

48
h-index

34986

98
g-index

124
all docs

124
docs citations

124
times ranked

11901
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk for depression tripled during the COVID-19 pandemic in emerging adults followed for the last 8 years. <i>Psychological Medicine</i> , 2023, 53, 2156-2163.	4.5	12
2	Adolescent novelty seeking is associated with greater ventral striatal and prefrontal brain response during evaluation of risk and reward. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2022, 22, 123-133.	2.0	5
3	Associations between testosterone, estradiol, and androgen receptor genotype with amygdala subregions in adolescents. <i>Psychoneuroendocrinology</i> , 2022, 137, 105604.	2.7	3
4	Developmental trajectories of Big Five personality traits among adolescents and young adults: Differences by sex, alcohol use, and marijuana use. <i>Journal of Personality</i> , 2022, 90, 748-761.	3.2	2
5	Age-related changes and longitudinal stability of individual differences in ABCD Neurocognition measures. <i>Developmental Cognitive Neuroscience</i> , 2022, 54, 101078.	4.0	19
6	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
7	Adolescent alcohol use disrupts functional neurodevelopment in sensation seeking girls. <i>Addiction Biology</i> , 2021, 26, e12914.	2.6	12
8	Sex hormones partially explain the sex-dependent effect of lifetime alcohol use on adolescent white matter microstructure. <i>Psychiatry Research - Neuroimaging</i> , 2021, 307, 111230.	1.8	4
9	Lifetime Alcohol Use Influences the Association Between Future-Oriented Thought and White Matter Microstructure in Adolescents. <i>Alcohol and Alcoholism</i> , 2021, 56, 708-714.	1.6	0
10	Understanding the role of aerobic fitness, spatial learning, and hippocampal subfields in adolescent males. <i>Scientific Reports</i> , 2021, 11, 9311.	3.3	7
11	Restructuring of amygdala subregion apportion across adolescence. <i>Developmental Cognitive Neuroscience</i> , 2021, 48, 100883.	4.0	8
12	Association of Heavy Drinking With Deviant Fiber Tract Development in Frontal Brain Systems in Adolescents. <i>JAMA Psychiatry</i> , 2021, 78, 407.	11.0	25
13	Neuroimaging markers of adolescent depression in the National Consortium on Alcohol and Neurodevelopment in Adolescence (NCANDA) study. <i>Journal of Affective Disorders</i> , 2021, 287, 380-386.	4.1	7
14	Responsible Use of Open-Access Developmental Data: The Adolescent Brain Cognitive Development (ABCD) Study. <i>Psychological Science</i> , 2021, 32, 866-870.	3.3	39
15	Prediction of suicidal ideation and attempt in 9 and 10 year-old children using transdiagnostic risk features. <i>PLoS ONE</i> , 2021, 16, e0252114.	2.5	13
16	Rates of Incidental Findings in Brain Magnetic Resonance Imaging in Children. <i>JAMA Neurology</i> , 2021, 78, 578.	9.0	28
17	Trajectories of perinatal depressive symptoms in the context of the COVID-19 pandemic. <i>Child Development</i> , 2021, 92, e749-e763.	3.0	24
18	Sex-specific patterns of white matter microstructure are associated with emerging depression during adolescence. <i>Psychiatry Research - Neuroimaging</i> , 2021, 315, 111324.	1.8	4

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19	Heart Rate Variability and Its Ability to Detect Worsening Suicidality in Adolescents: A Pilot Trial of Wearable Technology. <i>Psychiatry Investigation</i> , 2021, 18, 928-935.	1.6	12
20	Ventral striatal resting-state functional connectivity in adolescents is associated with earlier onset of binge drinking. <i>Drug and Alcohol Dependence</i> , 2021, 227, 109010.	3.2	1
21	Demographic and mental health assessments in the adolescent brain and cognitive development study: Updates and age-related trajectories. <i>Developmental Cognitive Neuroscience</i> , 2021, 52, 101031.	4.0	34
22	Associations between nucleus accumbens structural connectivity, brain function, and initiation of binge drinking. <i>Addiction Biology</i> , 2020, 25, e12767.	2.6	20
23	Disturbed Cerebellar Growth Trajectories in Adolescents Who Initiate Alcohol Drinking. <i>Biological Psychiatry</i> , 2020, 87, 632-644.	1.3	32
24	Neural correlates of reward magnitude and delay during a probabilistic delay discounting task in alcohol use disorder. <i>Psychopharmacology</i> , 2020, 237, 263-278.	3.1	16
25	Identifying Early Risk Factors for Addiction Later in Life: a Review of Prospective Longitudinal Studies. <i>Current Addiction Reports</i> , 2020, 7, 89-98.	3.4	20
26	Correction of respiratory artifacts in MRI head motion estimates. <i>NeuroImage</i> , 2020, 208, 116400.	4.2	161
27	Characterization of MR Imagingâ€™s Visible Perivascular Spaces in the White Matter of Healthy Adolescents at 3T. <i>American Journal of Neuroradiology</i> , 2020, 41, 2139-2145.	2.4	28
28	Default mode network connectivity is related to pain frequency and intensity in adolescents. <i>NeuroImage: Clinical</i> , 2020, 27, 102326.	2.7	25
29	Impact of Childhood Trauma on Executive Function in Adolescenceâ€™ Mediating Functional Brain Networks and Prediction of High-Risk Drinking. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 499-509.	1.5	19
30	Correspondence Between Perceived Pubertal Development and Hormone Levels in 9-10 Year-Olds From the Adolescent Brain Cognitive Development Study. <i>Frontiers in Endocrinology</i> , 2020, 11, 549928.	3.5	45
31	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019, 202, 116091.	4.2	539
32	Identifying reproducible individual differences in childhood functional brain networks: An ABCD study. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100706.	4.0	86
33	Altered frontostriatal white matter microstructure is associated with familial alcoholism and future binge drinking in adolescence. <i>Neuropsychopharmacology</i> , 2019, 44, 1076-1083.	5.4	22
34	Sex Differences in the Effect of Nucleus Accumbens Volume on Adolescent Drinking: The Mediating Role of Sensation Seeking in the NCANDA Sample. <i>Journal of Studies on Alcohol and Drugs</i> , 2019, 80, 594-601.	1.0	16
35	The structure of cognition in 9 and 10 year-old children and associations with problem behaviors: Findings from the ABCD studyâ€™s baseline neurocognitive battery. <i>Developmental Cognitive Neuroscience</i> , 2019, 36, 100606.	4.0	128
36	Resilience to Risk for Psychopathology: The Role of White Matter Microstructural Development in Adolescence. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 180-189.	1.5	11

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37	A Pilot Study Examining Neural Response to Pain in Adolescents With and Without Chronic Pain. <i>Frontiers in Neurology</i> , 2019, 10, 1403.	2.4	6
38	Adolescent neurocognitive development and impacts of substance use: Overview of the adolescent brain cognitive development (ABCD) baseline neurocognition battery. <i>Developmental Cognitive Neuroscience</i> , 2018, 32, 67-79.	4.0	337
39	Altered Brain Developmental Trajectories in Adolescents After Initiating Drinking. <i>American Journal of Psychiatry</i> , 2018, 175, 370-380.	7.2	133
40	Influences of Age, Sex, and Moderate Alcohol Drinking on the Intrinsic Functional Architecture of Adolescent Brains. <i>Cerebral Cortex</i> , 2018, 28, 1049-1063.	2.9	33
41	Ventral striatal response during decision making involving risk and reward is associated with future binge drinking in adolescents. <i>Neuropsychopharmacology</i> , 2018, 43, 1884-1890.	5.4	38
42	Adolescent Gender Differences in Cognitive Control Performance and Functional Connectivity Between Default Mode and Fronto-Parietal Networks Within a Self-Referential Context. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 73.	2.0	22
43	Reciprocal relations between positive alcohol expectancies and peer use on adolescent drinking: An accelerated autoregressive cross-lagged model using the NCANDA sample.. <i>Psychology of Addictive Behaviors</i> , 2018, 32, 517-527.	2.1	27
44	Effects of Binge Drinking on the Developing Brain. <i>Alcohol Research: Current Reviews</i> , 2018, 39, 87-96.	3.6	50
45	Effects of prior testing lasting a full year in NCANDA adolescents: Contributions from age, sex, socioeconomic status, ethnicity, site, family history of alcohol or drug abuse, and baseline performance. <i>Developmental Cognitive Neuroscience</i> , 2017, 24, 72-83.	4.0	15
46	Eveningness and Later Sleep Timing Are Associated with Greater Risk for Alcohol and Marijuana Use in Adolescence: Initial Findings from the National Consortium on Alcohol and Neurodevelopment in Adolescence Study. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 1154-1165.	2.4	75
47	Reduced fronto-amygdalar connectivity in adolescence is associated with increased depression symptoms over time. <i>Psychiatry Research - Neuroimaging</i> , 2017, 266, 35-41.	1.8	24
48	Binge drinking and family history of alcoholism are associated with an altered developmental trajectory of impulsive choice across adolescence. <i>Addiction</i> , 2017, 112, 1184-1192.	3.3	20
49	Real-time motion analytics during brain MRI improve data quality and reduce costs. <i>NeuroImage</i> , 2017, 161, 80-93.	4.2	221
50	Adolescent neural response to reward is related to participant sex and task motivation. <i>Brain and Cognition</i> , 2017, 111, 51-62.	1.8	39
51	Structural brain anomalies in healthy adolescents in the NCANDA cohort: relation to neuropsychological test performance, sex, and ethnicity. <i>Brain Imaging and Behavior</i> , 2017, 11, 1302-1315.	2.1	16
52	Convergent neurobiological predictors of emergent psychopathology during adolescence. <i>Birth Defects Research</i> , 2017, 109, 1613-1622.	1.5	26
53	Adolescent Executive Dysfunction in Daily Life: Relationships to Risks, Brain Structure and Substance Use. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 223.	2.0	23
54	Aerobic Fitness Linked to Cortical Brain Development in Adolescent Males: Preliminary Findings Suggest a Possible Role of BDNF Genotype. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 327.	2.0	27

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55	Lower Working Memory Performance in Overweight and Obese Adolescents Is Mediated by White Matter Microstructure. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 281-292.	1.8	54
56	Cognitive, emotion control, and motor performance of adolescents in the NCANDA study: Contributions from alcohol consumption, age, sex, ethnicity, and family history of addiction. <i>Neuropsychology</i> , 2016, 30, 449-473.	1.3	56
57	Harmonizing DTI measurements across scanners to examine the development of white matter microstructure in 803 adolescents of the NCANDA study. <i>NeuroImage</i> , 2016, 130, 194-213.	4.2	85
58	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
59	Binge drinking impacts dorsal striatal response during decision making in adolescents. <i>NeuroImage</i> , 2016, 129, 378-388.	4.2	38
60	Adolescent Development of Cortical and White Matter Structure in the NCANDA Sample: Role of Sex, Ethnicity, Puberty, and Alcohol Drinking. <i>Cerebral Cortex</i> , 2016, 26, 4101-4121.	2.9	115
61	Neuroscience of alcohol for addiction medicine. <i>Progress in Brain Research</i> , 2016, 223, 215-235.	1.4	3
62	The National Consortium on Alcohol and NeuroDevelopment in Adolescence (NCANDA): A Multisite Study of Adolescent Development and Substance Use. <i>Journal of Studies on Alcohol and Drugs</i> , 2015, 76, 895-908.	1.0	181
63	Family History Density of Alcoholism Relates to Left Nucleus Accumbens Volume in Adolescent Girls. <i>Journal of Studies on Alcohol and Drugs</i> , 2015, 76, 47-56.	1.0	43
64	Neurobiological Phenotypes of Familial Chronic Pain in Adolescence: A Pilot fMRI Study. <i>Journal of Pain</i> , 2015, 16, 913-925.	1.4	9
65	Atypical parietal lobe activity to subliminal faces in youth with a family history of alcoholism. <i>American Journal of Drug and Alcohol Abuse</i> , 2015, 41, 139-145.	2.1	13
66	Reduced cerebellar brain activity during reward processing in adolescent binge drinkers. <i>Developmental Cognitive Neuroscience</i> , 2015, 16, 110-120.	4.0	36
67	The effects of age, sex, and hormones on emotional conflict-related brain response during adolescence. <i>Brain and Cognition</i> , 2015, 99, 135-150.	1.8	35
68	Developmental sex differences in resting state functional connectivity of amygdala sub-regions. <i>NeuroImage</i> , 2015, 115, 235-244.	4.2	87
69	Approaching Adolescent Substance Abuse Treatment through Neuroscience. , 2015, , 200-211.		0
70	Family history density of alcoholism relates to left nucleus accumbens volume in adolescent girls. <i>Journal of Studies on Alcohol and Drugs</i> , 2015, 76, 47-56.	1.0	24
71	Advances in Human Neuroconnectivity Research: Applications for Understanding Familial History Risk for Alcoholism. , 2015, 37, 89-95.		2
72	Emotional Processing and Brain Activity in Youth at High Risk for Alcoholism. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 1912-1923.	2.4	47

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73	Resting state functional connectivity of the nucleus accumbens in youth with a family history of alcoholism. <i>Psychiatry Research - Neuroimaging</i> , 2014, 221, 210-219.	1.8	72
74	Brain Connectivity and Applications to Neuropsychology: Introduction to the Special Issue of Neuropsychology Review. <i>Neuropsychology Review</i> , 2014, 24, 1-2.	4.9	2
75	Sex differences in the neural substrates of spatial working memory during adolescence are not mediated by endogenous testosterone. <i>Brain Research</i> , 2014, 1593, 40-54.	2.2	24
76	White matter connectivity and aerobic fitness in male adolescents. <i>Developmental Cognitive Neuroscience</i> , 2014, 7, 65-75.	4.0	68
77	Hemispheric lateralization of verbal and spatial working memory during adolescence. <i>Brain and Cognition</i> , 2013, 82, 58-68.	1.8	98
78	High and low sensation seeking adolescents show distinct patterns of brain activity during reward processing. <i>NeuroImage</i> , 2013, 66, 184-193.	4.2	63
79	White matter microstructure correlates of inhibition and task-switching in adolescents. <i>Brain Research</i> , 2013, 1527, 15-28.	2.2	49
80	Differences in Brain Activity during a Verbal Associative Memory Encoding Task in High- and Low-fit Adolescents. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 595-612.	2.3	50
81	Atypical Spatial Working Memory and Task-General Brain Activity in Adolescents with a Family History of Alcoholism. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 390-398.	2.4	29
82	The Impact of Sex, Puberty, and Hormones on White Matter Microstructure in Adolescents. <i>Cerebral Cortex</i> , 2012, 22, 1979-1992.	2.9	288
83	Altered Cortico-Striatal-Thalamic Connectivity in Relation to Spatial Working Memory Capacity in Children with ADHD. <i>Frontiers in Psychiatry</i> , 2012, 3, 2.	2.6	93
84	Aerobic fitness relates to learning on a virtual Morris Water Task and hippocampal volume in adolescents. <i>Behavioural Brain Research</i> , 2012, 233, 517-525.	2.2	108
85	Atypical frontal lobe activity during verbal working memory in youth with a family history of alcoholism. <i>Drug and Alcohol Dependence</i> , 2012, 123, 98-104.	3.2	47
86	Risky Decision-Making: An fMRI Study of Youth at High Risk for Alcoholism. <i>Alcoholism: Clinical and Experimental Research</i> , 2012, 36, 604-615.	2.4	98
87	Altered White Matter Microstructure in Children With Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2011, 50, 283-292.	0.5	157
88	Altered fronto-cerebellar connectivity in alcohol-naïve youth with a family history of alcoholism. <i>NeuroImage</i> , 2011, 54, 2582-2589.	4.2	92
89	Neural correlates of verbal learning in adolescent alcohol and marijuana users. <i>Addiction</i> , 2011, 106, 564-573.	3.3	99
90	The attenuation of dysfunctional emotional processing with stimulant medication: An fMRI study of adolescents with ADHD. <i>Psychiatry Research - Neuroimaging</i> , 2011, 193, 151-160.	1.8	80

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91	Premotor functional connectivity predicts impulsivity in juvenile offenders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11241-11245.	7.1	114
92	Abnormal cerebellar morphometry in abstinent adolescent marijuana users. <i>Psychiatry Research - Neuroimaging</i> , 2010, 182, 152-159.	1.8	127
93	A preliminary study of functional magnetic resonance imaging response during verbal encoding among adolescent binge drinkers. <i>Alcohol</i> , 2010, 44, 111-117.	1.7	130
94	Delay Discounting Behavior and White Matter Microstructure Abnormalities in Youth With a Family History of Alcoholism. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 1590-1602.	2.4	103
95	Maturing thalamocortical functional connectivity across development. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 10.	2.5	134
96	Hippocampal Volumes in Adolescents with and without a Family History of Alcoholism. <i>American Journal of Drug and Alcohol Abuse</i> , 2010, 36, 161-167.	2.1	58
97	Toward discovery science of human brain function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4734-4739.	7.1	2,703
98	Atypical Default Network Connectivity in Youth with Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2010, 68, 1084-1091.	1.3	315
99	Tyrosine Supplements for ADHD Symptoms With Comorbid Phenylketonuria. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2009, 21, 228-230.	1.8	8
100	IMAGING STUDY: Prefrontal cortex morphometry in abstinent adolescent marijuana users: subtle gender effects. <i>Addiction Biology</i> , 2009, 14, 457-468.	2.6	149
101	Prefrontal Cortex Volumes in Adolescents With Alcohol Use Disorders: Unique Gender Effects. <i>Alcoholism: Clinical and Experimental Research</i> , 2008, 32, 386-394.	2.4	290
102	Abstinent adolescent marijuana users show altered fMRI response during spatial working memory. <i>Psychiatry Research - Neuroimaging</i> , 2008, 163, 40-51.	1.8	169
103	Microstructural integrity of the corpus callosum linked with neuropsychological performance in adolescents. <i>Brain and Cognition</i> , 2008, 67, 225-233.	1.8	92
104	Performance Dissociation during Verbal and Spatial Working Memory Tasks. <i>Perceptual and Motor Skills</i> , 2007, 105, 243-250.	1.3	20
105	Neuropsychological functioning in adolescent marijuana users: Subtle deficits detectable after a month of abstinence. <i>Journal of the International Neuropsychological Society</i> , 2007, 13, 807-20.	1.8	253
106	Differential Cross-Sectional and Longitudinal Impact of APOE Genotype on Hippocampal Volumes in Nondemented Older Adults. <i>Dementia and Geriatric Cognitive Disorders</i> , 2007, 23, 382-389.	1.5	98
107	Verbal paired-associate learning by APOE genotype in non-demented older adults: fMRI evidence of a right hemispheric compensatory response. <i>Neurobiology of Aging</i> , 2007, 28, 238-247.	3.1	139
108	Depressive symptoms in adolescents: associations with white matter volume and marijuana use. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2007, 48, 592-600.	5.2	129

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109	Effects of alcohol and combined marijuana and alcohol use during adolescence on hippocampal volume and asymmetry. <i>Neurotoxicology and Teratology</i> , 2007, 29, 141-152.	2.4	235
110	PERFORMANCE DISSOCIATION DURING VERBAL AND SPATIAL WORKING MEMORY TASKS. <i>Perceptual and Motor Skills</i> , 2007, 105, 243.	1.3	7
111	Early patterns of verbal memory impairment in children treated for medulloblastoma.. <i>Neuropsychology</i> , 2006, 20, 105-112.	1.3	72
112	Age-related changes in prefrontal white matter volume across adolescence. <i>NeuroReport</i> , 2006, 17, 1427-1431.	1.2	43
113	fMRI reveals alteration of spatial working memory networks across adolescence. <i>Journal of the International Neuropsychological Society</i> , 2005, 11, 631-44.	1.8	98
114	Reduced hippocampal volume among adolescents with alcohol use disorders without psychiatric comorbidity. <i>Psychiatry Research - Neuroimaging</i> , 2005, 139, 181-190.	1.8	250
115	Neuropsychological Predictors of BOLD Response During a Spatial Working Memory Task in Adolescents: What Can Performance Tell Us About fMRI Response Patterns?. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2005, 27, 823-839.	1.3	32
116	GENDER AND ADOLESCENT ALCOHOL USE DISORDERS ON BOLD (BLOOD OXYGEN LEVEL DEPENDENT) RESPONSE TO SPATIAL WORKING MEMORY. <i>Alcohol and Alcoholism</i> , 2005, 40, 194-200.	1.6	119
117	Abnormal hippocampal development in children with medulloblastoma treated with risk-adapted irradiation. <i>American Journal of Neuroradiology</i> , 2004, 25, 1575-82.	2.4	71