

Frauke Nees

List of Publications by Year in descending order

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Version: 2024-02-01

215
papers

8,121
citations

57758

44
h-index

74163

75
g-index

230
all docs

230
docs citations

230
times ranked

11934
citing authors

#	ARTICLE	IF	CITATIONS
1	Donâ€™t fear â€“fear conditioningâ€™: Methodological considerations for the design and analysis of studies on human fear acquisition, extinction, and return of fear. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 77, 247-285.	6.1	543
2	Correlated gene expression supports synchronous activity in brain networks. <i>Science</i> , 2015, 348, 1241-1244.	12.6	532
3	Adolescent impulsivity phenotypes characterized by distinct brain networks. <i>Nature Neuroscience</i> , 2012, 15, 920-925.	14.8	368
4	Neuropsychosocial profiles of current and future adolescent alcohol misusers. <i>Nature</i> , 2014, 512, 185-189.	27.8	368
5	The Brainâ€™s Response to Reward Anticipation and Depression in Adolescence: Dimensionality, Specificity, and Longitudinal Predictions in a Community-Based Sample. <i>American Journal of Psychiatry</i> , 2015, 172, 1215-1223.	7.2	237
6	The structure of psychopathology in adolescence and its common personality and cognitive correlates.. <i>Journal of Abnormal Psychology</i> , 2016, 125, 1039-1052.	1.9	217
7	Early Cannabis Use, Polygenic Risk Score for Schizophrenia and Brain Maturation in Adolescence. <i>JAMA Psychiatry</i> , 2015, 72, 1002.	11.0	156
8	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. <i>Brain Imaging and Behavior</i> , 2017, 11, 1497-1514.	2.1	144
9	Risk Taking and the Adolescent Reward System: A Potential Common Link to Substance Abuse. <i>American Journal of Psychiatry</i> , 2012, 169, 39-46.	7.2	138
10	Determinants of Early Alcohol Use In Healthy Adolescents: The Differential Contribution of Neuroimaging and Psychological Factors. <i>Neuropsychopharmacology</i> , 2012, 37, 986-995.	5.4	124
11	Neural and Cognitive Correlates of the Common and Specific Variance Across Externalizing Problems in Young Adolescence. <i>American Journal of Psychiatry</i> , 2014, 171, 1310-1319.	7.2	107
12	<i>RASGRF2</i> regulates alcohol-induced reinforcement by influencing mesolimbic dopamine neuron activity and dopamine release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21128-21133.	7.1	90
13	Blunted ventral striatal responses to anticipated rewards foreshadow problematic drug use in novelty-seeking adolescents. <i>Nature Communications</i> , 2017, 8, 14140.	12.8	87
14	Deficient fear extinction memory in posttraumatic stress disorder. <i>Neurobiology of Learning and Memory</i> , 2016, 136, 116-126.	1.9	86
15	Association of Cannabis Use During Adolescence With Neurodevelopment. <i>JAMA Psychiatry</i> , 2021, 78, 1031.	11.0	82
16	Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.	14.8	75
17	Emotional and Motivational Pain Processing: Current State of Knowledge and Perspectives in Translational Research. <i>Pain Research and Management</i> , 2018, 2018, 1-12.	1.8	74
18	Structural brain correlates of heart rate variability in a healthy young adult population. <i>Brain Structure and Function</i> , 2017, 222, 1061-1068.	2.3	73

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19	Positive Association of Video Game Playing with Left Frontal Cortical Thickness in Adolescents. <i>PLoS ONE</i> , 2014, 9, e91506.	2.5	70
20	Grey Matter Volume Differences Associated with Extremely Low Levels of Cannabis Use in Adolescence. <i>Journal of Neuroscience</i> , 2019, 39, 1817-1827.	3.6	70
21	Mapping adolescent reward anticipation, receipt, and prediction error during the monetary incentive delay task. <i>Human Brain Mapping</i> , 2019, 40, 262-283.	3.6	69
22	Association of Protein Phosphatase <i>PPM1G</i> With Alcohol Use Disorder and Brain Activity During Behavioral Control in a Genome-Wide Methylation Analysis. <i>American Journal of Psychiatry</i> , 2015, 172, 543-552.	7.2	68
23	Structural white matter changes in adults and children with posttraumatic stress disorder: A systematic review and meta-analysis. <i>NeuroImage: Clinical</i> , 2018, 19, 581-598.	2.7	68
24	Cognitive and brain development is independently influenced by socioeconomic status and polygenic scores for educational attainment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12411-12418.	7.1	66
25	Activation of the ventral striatum during aversive contextual conditioning in humans. <i>Biological Psychology</i> , 2012, 91, 74-80.	2.2	65
26	Making translation work: Harmonizing cross-species methodology in the behavioural neuroscience of Pavlovian fear conditioning. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 107, 329-345.	6.1	58
27	<i>Rsu1</i> regulates ethanol consumption in <i>Drosophila</i> and humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4085-93.	7.1	57
28	Hippocampal but not amygdalar volume affects contextual fear conditioning in humans. <i>Human Brain Mapping</i> , 2012, 33, 478-488.	3.6	56
29	Pain Catastrophizing and Pain-related Emotions. <i>Clinical Journal of Pain</i> , 2011, 27, 578-586.	1.9	54
30	Neural Mechanisms of Attention-Deficit/Hyperactivity Disorder Symptoms Are Stratified by MAOA Genotype. <i>Biological Psychiatry</i> , 2013, 74, 607-614.	1.3	54
31	Cannabis use in early adolescence: Evidence of amygdala hypersensitivity to signals of threat. <i>Developmental Cognitive Neuroscience</i> , 2015, 16, 63-70.	4.0	54
32	Brain Regions Related to Impulsivity Mediate the Effects of Early Adversity on Antisocial Behavior. <i>Biological Psychiatry</i> , 2017, 82, 275-282.	1.3	54
33	Peer victimization and its impact on adolescent brain development and psychopathology. <i>Molecular Psychiatry</i> , 2020, 25, 3066-3076.	7.9	54
34	The empirical replicability of task-based fMRI as a function of sample size. <i>NeuroImage</i> , 2020, 212, 116601.	4.2	54
35	Sex Differences in COMT Polymorphism Effects on Prefrontal Inhibitory Control in Adolescence. <i>Neuropsychopharmacology</i> , 2014, 39, 2560-2569.	5.4	53
36	Oxytocin Receptor Genotype Modulates Ventral Striatal Activity to Social Cues and Response to Stressful Life Events. <i>Biological Psychiatry</i> , 2014, 76, 367-376.	1.3	53

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37	Neural basis of reward anticipation and its genetic determinants. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3879-3884.	7.1	53
38	No Differences in Hippocampal Volume between Carriers and Non-Carriers of the ApoE ϵ 4 and ϵ 2 Alleles in Young Healthy Adolescents. Journal of Alzheimer's Disease, 2014, 40, 37-43.	2.6	51
39	Association of a Schizophrenia-Risk Nonsynonymous Variant With Putamen Volume in Adolescents. JAMA Psychiatry, 2019, 76, 435.	11.0	51
40	Cognition and Sensation in Very High Static Magnetic Fields: A Randomized Case-Crossover Study with Different Field Strengths. Radiology, 2013, 266, 236-245.	7.3	49
41	Behavioral and central correlates of contextual fear learning and contextual modulation of cued fear in posttraumatic stress disorder. International Journal of Psychophysiology, 2015, 98, 584-593.	1.0	49
42	Structural brain correlates of adolescent resilience. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2016, 57, 1287-1296.	5.2	49
43	Prediction of alcohol drinking in adolescents: Personality-traits, behavior, brain responses, and genetic variations in the context of reward sensitivity. Biological Psychology, 2016, 118, 79-87.	2.2	49
44	Identifying disordered eating behaviours in adolescents: how do parent and adolescent reports differ by sex and age?. European Child and Adolescent Psychiatry, 2017, 26, 691-701.	4.7	48
45	Incomplete Hippocampal Inversion: A Comprehensive MRI Study of Over 2000 Subjects. Frontiers in Neuroanatomy, 2015, 9, 160.	1.7	47
46	New evidence of factor structure and measurement invariance of the SDQ across five European nations. European Child and Adolescent Psychiatry, 2015, 24, 1523-1534.	4.7	47
47	Neural Mechanism of a Sex-Specific Risk Variant for Posttraumatic Stress Disorder in the Type I Receptor of the Pituitary Adenylate Cyclase Activating Polypeptide. Biological Psychiatry, 2015, 78, 840-847.	1.3	47
48	Neural circuitry underlying sustained attention in healthy adolescents and in ADHD symptomatology. NeuroImage, 2018, 169, 395-406.	4.2	47
49	The role of context in the processing of alcohol-relevant cues. Addiction Biology, 2012, 17, 441-451.	2.6	46
50	The IMAGEN study: a decade of imaging genetics in adolescents. Molecular Psychiatry, 2020, 25, 2648-2671.	7.9	46
51	Fully-automated quality assurance in multi-center studies using MRI phantom measurements. Magnetic Resonance Imaging, 2014, 32, 771-780.	1.8	45
52	The nicotinic cholinergic system function in the human brain. Neuropharmacology, 2015, 96, 289-301.	4.1	45
53	Effects of static magnetic fields on cognition, vital signs, and sensory perception: A meta-analysis. Journal of Magnetic Resonance Imaging, 2011, 34, 758-763.	3.4	44
54	Aversive Learning in Adolescents: Modulation by Amygdala-Prefrontal and Amygdala-Hippocampal Connectivity and Neuroticism. Neuropsychopharmacology, 2014, 39, 875-884.	5.4	41

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55	Personality and Substance Use: Psychometric Evaluation and Validation of the Substance Use Risk Profile Scale (<sc>SURPS</sc>) in English, Irish, French, and German Adolescents. <i>Alcoholism: Clinical and Experimental Research</i> , 2015, 39, 2234-2248.	2.4	41
56	Subthreshold Depression and Regional Brain Volumes in Young Community Adolescents. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2015, 54, 832-840.	0.5	41
57	Polygenic Risk of Psychosis and Ventral Striatal Activation During Reward Processing in Healthy Adolescents. <i>JAMA Psychiatry</i> , 2016, 73, 852.	11.0	40
58	Pubertal maturation and sex effects on the default-mode network connectivity implicated in mood dysregulation. <i>Translational Psychiatry</i> , 2019, 9, 103.	4.8	40
59	Identifying biological markers for improved precision medicine in psychiatry. <i>Molecular Psychiatry</i> , 2020, 25, 243-253.	7.9	40
60	A Phenotypic Structure and Neural Correlates of Compulsive Behaviors in Adolescents. <i>PLoS ONE</i> , 2013, 8, e80151.	2.5	39
61	Real time fMRI feedback of the anterior cingulate and posterior insular cortex in the processing of pain. <i>Human Brain Mapping</i> , 2014, 35, 5784-5798.	3.6	38
62	No differences in ventral striatum responsivity between adolescents with a positive family history of alcoholism and controls. <i>Addiction Biology</i> , 2015, 20, 534-545.	2.6	38
63	Inattention and Reaction Time Variability Are Linked to Ventromedial Prefrontal Volume in Adolescents. <i>Biological Psychiatry</i> , 2017, 82, 660-668.	1.3	38
64	Trauma exposure relates to heightened stress, altered amygdala morphology and deficient extinction learning: Implications for psychopathology. <i>Psychoneuroendocrinology</i> , 2017, 76, 19-28.	2.7	38
65	Hypothalamic-pituitary-adrenal axis feedback sensitivity in different states of back pain. <i>Psychoneuroendocrinology</i> , 2019, 101, 60-66.	2.7	38
66	Identification of neurobehavioural symptom groups based on shared brain mechanisms. <i>Nature Human Behaviour</i> , 2019, 3, 1306-1318.	12.0	37
67	Distinct brain structure and behavior related to ADHD and conduct disorder traits. <i>Molecular Psychiatry</i> , 2020, 25, 3020-3033.	7.9	37
68	A Multi-Cohort Study of ApoE ϵ 4 and Amyloid- β Effects on the Hippocampus in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 1159-1174.	2.6	36
69	Cardiac modulation of startle eye blink. <i>Psychophysiology</i> , 2009, 46, 234-240.	2.4	35
70	Separate neural systems for behavioral change and for emotional responses to failure during behavioral inhibition. <i>Human Brain Mapping</i> , 2017, 38, 3527-3537.	3.6	35
71	Do ADHD-impulsivity and BMI have shared polygenic and neural correlates?. <i>Molecular Psychiatry</i> , 2021, 26, 1019-1028.	7.9	35
72	Psychosocial Stress and Brain Function in Adolescent Psychopathology. <i>American Journal of Psychiatry</i> , 2017, 174, 785-794.	7.2	34

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73	Epigenome-wide meta-analysis of blood DNA methylation and its association with subcortical volumes: findings from the ENIGMA Epigenetics Working Group. <i>Molecular Psychiatry</i> , 2021, 26, 3884-3895.	7.9	34
74	Psychological Processes in Chronic Pain: Influences of Reward and Fear Learning as Key Mechanisms – Behavioral Evidence, Neural Circuits, and Maladaptive Changes. <i>Neuroscience</i> , 2018, 387, 72-84.	2.3	33
75	Risk profiles for heavy drinking in adolescence: differential effects of gender. <i>Addiction Biology</i> , 2019, 24, 787-801.	2.6	33
76	Cortical thickness and resting-state cardiac function across the lifespan: A cross-sectional pooled mega-analysis. <i>Psychophysiology</i> , 2021, 58, e13688.	2.4	33
77	Functional Neuroimaging Predictors of Self-Reported Psychotic Symptoms in Adolescents. <i>American Journal of Psychiatry</i> , 2017, 174, 566-575.	7.2	32
78	The initiation of cannabis use in adolescence is predicted by sex-specific psychosocial and neurobiological features. <i>European Journal of Neuroscience</i> , 2019, 50, 2346-2356.	2.6	32
79	The risk variant in <i>ODZ4</i> for bipolar disorder impacts on amygdala activation during reward processing. <i>Bipolar Disorders</i> , 2013, 15, 440-445.	1.9	31
80	DRD2/ANKK1 Polymorphism Modulates the Effect of Ventral Striatal Activation on Working Memory Performance. <i>Neuropsychopharmacology</i> , 2014, 39, 2357-2365.	5.4	31
81	Oppositional COMT Val158Met effects on resting state functional connectivity in adolescents and adults. <i>Brain Structure and Function</i> , 2016, 221, 103-114.	2.3	31
82	Neural Correlates of Failed Inhibitory Control as an Early Marker of Disordered Eating in Adolescents. <i>Biological Psychiatry</i> , 2019, 85, 956-965.	1.3	29
83	BDNF Val66Met and reward-related brain function in adolescents: role for early alcohol consumption. <i>Alcohol</i> , 2015, 49, 103-110.	1.7	28
84	Manual dexterity correlating with right lobule VI volume in right-handed 14-year-olds. <i>NeuroImage</i> , 2012, 59, 1615-1621.	4.2	26
85	Dissociable roles for hippocampal and amygdalar volume in human fear conditioning. <i>Brain Structure and Function</i> , 2015, 220, 2575-2586.	2.3	26
86	Brain substrates of reward processing and the μ -opioid receptor: a pathway into pain?. <i>Pain</i> , 2017, 158, 212-219.	4.2	26
87	Early Variations in White Matter Microstructure and Depression Outcome in Adolescents With Subthreshold Depression. <i>American Journal of Psychiatry</i> , 2018, 175, 1255-1264.	7.2	26
88	Association of Genetic and Phenotypic Assessments With Onset of Disordered Eating Behaviors and Comorbid Mental Health Problems Among Adolescents. <i>JAMA Network Open</i> , 2020, 3, e2026874.	5.9	26
89	Linked patterns of biological and environmental covariation with brain structure in adolescence: a population-based longitudinal study. <i>Molecular Psychiatry</i> , 2021, 26, 4905-4918.	7.9	26
90	A mechanism-oriented approach to psychopathology: The role of Pavlovian conditioning. <i>International Journal of Psychophysiology</i> , 2015, 98, 351-364.	1.0	25

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91	Neural correlates of reappraisal considering working memory capacity and cognitive flexibility. <i>Brain Imaging and Behavior</i> , 2018, 12, 1529-1543.	2.1	25
92	Examination of the Neural Basis of Psychoticlike Experiences in Adolescence During Reward Processing. <i>JAMA Psychiatry</i> , 2018, 75, 1043.	11.0	25
93	Substance Use Initiation, Particularly Alcohol, in Drug-Naive Adolescents: Possible Predictors and Consequences From a Large Cohort Naturalistic Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2021, 60, 623-636.	0.5	25
94	Reward Processing in Novelty Seekers: A Transdiagnostic Psychiatric Imaging Biomarker. <i>Biological Psychiatry</i> , 2021, 90, 529-539.	1.3	25
95	Do you see what I see? Sex differences in the discrimination of facial emotions during adolescence. <i>Emotion</i> , 2013, 13, 1030-1040.	1.8	24
96	Reduced amygdala responsivity during conditioning to trauma-related stimuli in posttraumatic stress disorder. <i>Psychophysiology</i> , 2016, 53, 1460-1471.	2.4	24
97	Brain morphology correlates of interindividual differences in conditioned fear acquisition and extinction learning. <i>Brain Structure and Function</i> , 2016, 221, 1927-1937.	2.3	24
98	Default mode network connectivity of fear- and anxiety-related cue and context conditioning. <i>NeuroImage</i> , 2018, 165, 190-199.	4.2	24
99	Enhanced cortisol secretion in acute transient global amnesia. <i>Psychoneuroendocrinology</i> , 2019, 99, 72-79.	2.7	24
100	Cortical Surfaces Mediate the Relationship Between Polygenic Scores for Intelligence and General Intelligence. <i>Cerebral Cortex</i> , 2020, 30, 2708-2719.	2.9	24
101	Global urbanicity is associated with brain and behaviour in young people. <i>Nature Human Behaviour</i> , 2022, 6, 279-293.	12.0	24
102	Learning, memory and brain plasticity in posttraumatic stress disorder: Context matters. <i>Restorative Neurology and Neuroscience</i> , 2014, 32, 95-102.	0.7	23
103	Epigenetic variance in dopamine D2 receptor: a marker of IQ malleability?. <i>Translational Psychiatry</i> , 2018, 8, 169.	4.8	23
104	Adolescent binge drinking disrupts normal trajectories of brain functional organization and personality maturation. <i>NeuroImage: Clinical</i> , 2019, 22, 101804.	2.7	23
105	Reward Versus Nonreward Sensitivity of the Medial Versus Lateral Orbitofrontal Cortex Relates to the Severity of Depressive Symptoms. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 259-269.	1.5	23
106	Women are more strongly affected by dizziness in static magnetic fields of magnetic resonance imaging scanners. <i>NeuroReport</i> , 2014, 25, 1081-1084.	1.2	22
107	White matter microstructure is associated with hyperactive/inattentive symptomatology and polygenic risk for attention-deficit/hyperactivity disorder in a population-based sample of adolescents. <i>Neuropsychopharmacology</i> , 2019, 44, 1597-1603.	5.4	22
108	Association of Gray Matter and Personality Development With Increased Drunkenness Frequency During Adolescence. <i>JAMA Psychiatry</i> , 2020, 77, 409.	11.0	22

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109	Structural white and gray matter differences in a large sample of patients with Posttraumatic Stress Disorder and a healthy and trauma-exposed control group: Diffusion tensor imaging and region-based morphometry. <i>NeuroImage: Clinical</i> , 2020, 28, 102424.	2.7	22
110	Predicting development of adolescent drinking behaviour from whole brain structure at 14 years of age. <i>ELife</i> , 2019, 8, .	6.0	22
111	From gene to brain to behavior: schizophrenia-associated variation in <i>AMBRA1</i> alters impulsivity-related traits. <i>European Journal of Neuroscience</i> , 2013, 38, 2941-2945.	2.6	21
112	Neurogenetic Approaches to Stress and Fear in Humans as Pathophysiological Mechanisms for Posttraumatic Stress Disorder. <i>Biological Psychiatry</i> , 2018, 83, 810-820.	1.3	21
113	Ventral Striatum Connectivity During Reward Anticipation in Adolescent Smokers. <i>Developmental Neuropsychology</i> , 2016, 41, 6-21.	1.4	20
114	Development of Disordered Eating Behaviors and Comorbid Depressive Symptoms in Adolescence: Neural and Psychopathological Predictors. <i>Biological Psychiatry</i> , 2021, 90, 853-862.	1.3	20
115	A risk variant for alcoholism in the NMDA receptor affects amygdala activity during fear conditioning in humans. <i>Biological Psychology</i> , 2013, 94, 74-81.	2.2	19
116	Neurofeedback of the difference in activation of the anterior cingulate and posterior insular cortex: two functionally connected areas in the processing of pain. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 357.	2.0	19
117	Neuropsychological Measures of Hippocampal Function. <i>Frontiers of Neurology and Neuroscience</i> , 2014, 34, 60-70.	2.8	19
118	Impact of a Common Genetic Variation Associated With Putamen Volume on Neural Mechanisms of Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2017, 56, 436-444.e4.	0.5	19
119	Global Genetic Variations Predict Brain Response to Faces. <i>PLoS Genetics</i> , 2014, 10, e1004523.	3.5	18
120	Genotype-dependent epigenetic regulation of DLGAP2 in alcohol use and dependence. <i>Molecular Psychiatry</i> , 2021, 26, 4367-4382.	7.9	18
121	Neural Correlates of Adolescent Irritability and Its Comorbidity With Psychiatric Disorders. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2020, 59, 1371-1379.	0.5	18
122	The Human Brain Is Best Described as Being on a Female/Male Continuum: Evidence from a Neuroimaging Connectivity Study. <i>Cerebral Cortex</i> , 2021, 31, 3021-3033.	2.9	18
123	Alteration of Delay and Trace Eyeblink Conditioning in Fibromyalgia Patients. <i>Psychosomatic Medicine</i> , 2010, 72, 412-418.	2.0	17
124	Tract Based Spatial Statistic Reveals No Differences in White Matter Microstructural Organization between Carriers and Non-Carriers of the APOE ϵ 4 and ϵ 2 Alleles in Young Healthy Adolescents. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 977-984.	2.6	17
125	Modulation of orbitofrontal-striatal reward activity by dopaminergic functional polymorphisms contributes to a predisposition to alcohol misuse in early adolescence. <i>Psychological Medicine</i> , 2019, 49, 801-810.	4.5	17
126	Resting-state connectivity alterations during transient global amnesia. <i>NeuroImage: Clinical</i> , 2019, 23, 101869.	2.7	17

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127	Extending the Construct Network of Trait Disinhibition to the Neuroimaging Domain: Validation of a Bridging Scale for Use in the European IMAGEN Project. <i>Assessment</i> , 2019, 26, 567-581.	3.1	17
128	Overdominant Effect of a <i>CHRNA4</i> Polymorphism on Cingulo-Opercular Network Activity and Cognitive Control. <i>Journal of Neuroscience</i> , 2017, 37, 9657-9666.	3.6	16
129	Genetic risk for schizophrenia and autism, social impairment and developmental pathways to psychosis. <i>Translational Psychiatry</i> , 2018, 8, 204.	4.8	16
130	Ventromedial Prefrontal Volume in Adolescence Predicts Hyperactive/Inattentive Symptoms in Adulthood. <i>Cerebral Cortex</i> , 2019, 29, 1866-1874.	2.9	16
131	Oxytocin modulates intrinsic neural activity in patients with chronic low back pain. <i>European Journal of Pain</i> , 2020, 24, 945-955.	2.8	16
132	Functional Connectivity Predicts Individual Development of Inhibitory Control during Adolescence. <i>Cerebral Cortex</i> , 2021, 31, 2686-2700.	2.9	16
133	A translational systems biology approach in both animals and humans identifies a functionally related module of accumbal genes involved in the regulation of reward processing and binge drinking in males. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 192-202.	2.4	16
134	Neural correlates of three types of negative life events during angry face processing in adolescents. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1961-1969.	3.0	15
135	Low Smoking Exposure, the Adolescent Brain, and the Modulating Role of <i>CHRNA5</i> Polymorphisms. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 672-679.	1.5	15
136	Neurobehavioural characterisation and stratification of reinforcement-related behaviour. <i>Nature Human Behaviour</i> , 2020, 4, 544-558.	12.0	15
137	Neural network involving medial orbitofrontal cortex and dorsal periaqueductal gray regulation in human alcohol abuse. <i>Science Advances</i> , 2021, 7, .	10.3	15
138	Functional MRI Studies of the Hippocampus. <i>Frontiers of Neurology and Neuroscience</i> , 2014, 34, 85-94.	2.8	14
139	Robust regression for large-scale neuroimaging studies. <i>NeuroImage</i> , 2015, 111, 431-441.	4.2	14
140	Allele-Specific Methylation of <i>SPDEF</i> : A Novel Moderator of Psychosocial Stress and Substance Abuse. <i>American Journal of Psychiatry</i> , 2019, 176, 146-155.	7.2	14
141	Neural Correlates of the Dual-Pathway Model for ADHD in Adolescents. <i>American Journal of Psychiatry</i> , 2020, 177, 844-854.	7.2	14
142	Multichannel anodal tDCS over the left dorsolateral prefrontal cortex in a paediatric population. <i>Scientific Reports</i> , 2021, 11, 21512.	3.3	14
143	Inhibition of cortisol production by metyrapone enhances trace, but not delay, eyeblink conditioning. <i>Psychopharmacology</i> , 2008, 199, 183-190.	3.1	13
144	A target sample of adolescents and reward processing: same neural and behavioral correlates engaged in common paradigms?. <i>Experimental Brain Research</i> , 2012, 223, 429-439.	1.5	13

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145	Randomized parcellation based inference. <i>NeuroImage</i> , 2014, 89, 203-215.	4.2	13
146	Brain Circuits Involved in the Development of Chronic Musculoskeletal Pain: Evidence From Non-invasive Brain Stimulation. <i>Frontiers in Neurology</i> , 2021, 12, 732034.	2.4	13
147	Disruption of the Prefrontal Cortex Improves Implicit Contextual Memory-Guided Attention: Combined Behavioral and Electrophysiological Evidence. <i>Cerebral Cortex</i> , 2020, 30, 20-30.	2.9	12
148	Neuroimaging Evidence for Right Orbitofrontal Cortex Differences in Adolescents With Emotional and Behavioral Dysregulation. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019, 58, 1092-1103.	0.5	11
149	Differential predictors for alcohol use in adolescents as a function of familial risk. <i>Translational Psychiatry</i> , 2021, 11, 157.	4.8	11
150	Methylation of <i>OPRL1</i> mediates the effect of psychosocial stress on binge drinking in adolescents. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2018, 59, 650-658.	5.2	10
151	The Cortical Neuroimmune Regulator TANK Affects Emotional Processing and Enhances Alcohol Drinking: A Translational Study. <i>Cerebral Cortex</i> , 2019, 29, 1736-1751.	2.9	10
152	Personality, Attentional Biases towards Emotional Faces and Symptoms of Mental Disorders in an Adolescent Sample. <i>PLoS ONE</i> , 2015, 10, e0128271.	2.5	10
153	Longitudinal Trajectory of the Link Between Ventral Striatum and Depression in Adolescence. <i>American Journal of Psychiatry</i> , 2022, 179, 470-481.	7.2	10
154	Dimensions of manic symptoms in youth: psychosocial impairment and cognitive performance in the IMAGEN sample. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2014, 55, 1380-1389.	5.2	9
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