Dustin Scheinost

List of Publications by Year
in descending order

250 papers	17,170 citations	22153 59 h-index	22832 112 g-index
282 all docs	282 docs citations	282 times ranked	15157 citing authors

#	Article	IF	Citations
1	Adult attachment is related to maternal neural response to infant cues: an ERP study. Attachment and Human Development, 2023, 25, 71-88.	2.1	10
2	School age effects of Minding the Baby—An attachment-based home-visiting intervention—On parenting and child behaviors. Development and Psychopathology, 2022, 34, 55-67.	2.3	17
3	Genetic variation in endocannabinoid signaling is associated with differential network-level functional connectivity in youth. Journal of Neuroscience Research, 2022, 100, 731-743.	2.9	8
4	Large-scale functional brain networks of maladaptive childhood aggression identified by connectome-based predictive modeling. Molecular Psychiatry, 2022, 27, 985-999.	7.9	13
5	Graph theory analysis of whole brain functional connectivity to assess disturbances associated with suicide attempts in bipolar disorder. Translational Psychiatry, 2022, 12, 7.	4.8	7
6	Dear reviewers: Responses to common reviewer critiques about infant neuroimaging studies. Developmental Cognitive Neuroscience, 2022, 53, 101055.	4.0	18
7	A protocol for working with open-source neuroimaging datasets. STAR Protocols, 2022, 3, 101077.	1.2	0
8	Associations among Household and Neighborhood Socioeconomic Disadvantages, Resting-state Frontoamygdala Connectivity, and Internalizing Symptoms in Youth. Journal of Cognitive Neuroscience, 2022, 34, 1810-1841.	2.3	10
9	The process of emotion identification: Considerations for psychiatric disorders. Journal of Psychiatric Research, 2022, 148, 264-274.	3.1	8
10	Mapping the complex causal mechanisms of drinking and driving behaviors among adolescents and young adults. Social Science and Medicine, 2022, 296, 114732.	3.8	5
11	An ode to fetal, infant, and toddler neuroimaging: Chronicling early clinical to research applications with MRI, and an introduction to an academic society connecting the field. Developmental Cognitive Neuroscience, 2022, 54, 101083.	4.0	10
12	Neurofeedback-guided kinesthetic motor imagery training in Parkinson's disease: Randomized trial. NeuroImage: Clinical, 2022, 34, 102980.	2.7	9
13	(Un)common space in infant neuroimaging studies: A systematic review of infant templates. Human Brain Mapping, 2022, 43, 3007-3016.	3.6	6
14	High-Risk Drinkers Engage Distinct Stress-Predictive Brain Networks. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 805-813.	1.5	4
15	A brain-based general measure of attention. Nature Human Behaviour, 2022, 6, 782-795.	12.0	12
16	Multimodal neuroimaging of metabotropic glutamate 5 receptors and functional connectivity in alcohol use disorder. Alcoholism: Clinical and Experimental Research, 2022, , .	2.4	0
17	Large-scale differences in functional organization of left- and right-handed individuals using whole-brain, data-driven analysis of connectivity. NeuroImage, 2022, 252, 119040.	4.2	14
18	Functional Connectome–Based Predictive Modeling in Autism. Biological Psychiatry, 2022, 92, 626-642.	1.3	20

#	Article	IF	Citations
19	A cognitive state transformation model for task-general and task-specific subsystems of the brain connectome. NeuroImage, 2022, 257, 119279.	4.2	4
20	Age‐related topographic map of magnetic resonance diffusion metrics in neonatal brains. Human Brain Mapping, 2022, 43, 4326-4334.	3.6	8
21	Predicting the future of neuroimaging predictive models in mental health. Molecular Psychiatry, 2022, 27, 3129-3137.	7.9	14
22	Arousal impacts distributed hubs modulating the integration of brain functional connectivity. NeuroImage, 2022, 258, 119364.	4.2	10
23	A Neuroimaging Signature of Cognitive Aging from Whole‐Brain Functional Connectivity. Advanced Science, 2022, 9, .	11.2	19
24	Dissociable neural substrates of opioid and cocaine use identified via connectome-based modelling. Molecular Psychiatry, 2021, 26, 4383-4393.	7.9	43
25	A hitchhiker's guide to working with large, open-source neuroimaging datasets. Nature Human Behaviour, 2021, 5, 185-193.	12.0	33
26	Transdiagnostic, Connectome-Based Prediction of Memory Constructs Across Psychiatric Disorders. Cerebral Cortex, 2021, 31, 2523-2533.	2.9	38
27	Mobilizing an institutional supportive response for healthcare workers and other staff in the context of COVID-19: The Yale experience. General Hospital Psychiatry, 2021, 68, 12-18.	2.4	16
28	Functional connectivity during frustration: a preliminary study of predictive modeling of irritability in youth. Neuropsychopharmacology, 2021, 46, 1300-1306.	5.4	33
29	Co-occurring tobacco and cannabis use in adolescents: Dissociable relationships with mediofrontal electrocortical activity during reward feedback processing. NeuroImage: Clinical, 2021, 30, 102592.	2.7	5
30	Data-Driven Mapping Between Functional Connectomes Using Optimal Transport. Lecture Notes in Computer Science, 2021, , 293-302.	1.3	4
31	Long-Term Neurocognitive Outcomes in Sagittal Synostosis: The Impact of Reoperation. Journal of Craniofacial Surgery, 2021, 32, 58-61.	0.7	7
32	Connectome-Based Predictive Modelling With Missing Connectivity Data Using Robust Matrix Completion. , 2021, , .		1
33	Increased Alpha-Band Connectivity During Tic Suppression in Children With Tourette Syndrome Revealed by Source Electroencephalography Analyses. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, , .	1.5	6
34	Automated Brain Masking of Fetal Functional MRI with Open Data. Neuroinformatics, 2021, , 1.	2.8	23
35	Using functional connectivity models to characterize relationships between working and episodic memory. Brain and Behavior, 2021, 11, e02105.	2.2	5
36	Nonlinear manifold learning in functional magnetic resonance imaging uncovers a low‐dimensional space of brain dynamics. Human Brain Mapping, 2021, 42, 4510-4524.	3.6	33

#	Article	IF	Citations
37	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. Neuron, 2021, 109, 1769-1775.	8.1	27
38	Parenting and Addictions: Current Insights From Human Neuroscience. Current Addiction Reports, 2021, 8, 380-388.	3.4	8
39	Daily cannabis use in adolescents who smoke tobacco is associated with altered late-stage feedback processing: A high-density electrical mapping study. Journal of Psychiatric Research, 2021, 139, 82-90.	3.1	5
40	A guide to the measurement and interpretation of fMRI test-retest reliability. Current Opinion in Behavioral Sciences, 2021, 40, 27-32.	3.9	100
41	Resample aggregating improves the generalizability of connectome predictive modeling. NeuroImage, 2021, 236, 118044.	4.2	10
42	Atypical Intrinsic Hemispheric Interaction Associated with Autism Spectrum Disorder Is Present within the First Year of Life. Cerebral Cortex, 2021, , .	2.9	12
43	BrainGNN: Interpretable Brain Graph Neural Network for fMRI Analysis. Medical Image Analysis, 2021, 74, 102233.	11.6	202
44	Smooth graph learning for functional connectivity estimation. NeuroImage, 2021, 239, 118289.	4.2	14
45	The instability of functional connectomes across the first year of life. Developmental Cognitive Neuroscience, 2021, 51, 101007.	4.0	8
46	How prenatal exposures shape the infant brain: Insights from infant neuroimaging studies. Neuroscience and Biobehavioral Reviews, 2021, 131, 47-58.	6.1	18
47	Associations of Cannabis- and Tobacco-Related Problem Severity with Reward and Punishment Sensitivity and Impulsivity in Adolescent Daily Cigarette Smokers. International Journal of Mental Health and Addiction, 2021, 19, 1963-1979.	7.4	8
48	A graph theory–based whole brain approach to assess mood state differences in adolescents and young adults with bipolar disorder. Bipolar Disorders, 2021, , .	1.9	2
49	Big data approaches to identifying sex differences in long-term memory. Cognitive Neuroscience, 2021, 12, 185-186.	1.4	1
50	OUP accepted manuscript. Cerebral Cortex, 2021, , .	2.9	2
51	Craving to Quit: A Randomized Controlled Trial of Smartphone App–Based Mindfulness Training for Smoking Cessation. Nicotine and Tobacco Research, 2020, 22, 324-331.	2.6	112
52	Differential Resting State Connectivity Responses to Glycemic State in Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 1-13.	3.6	95
53	Individualized functional networks reconfigure with cognitive state. NeuroImage, 2020, 206, 116233.	4.2	54
54	Randomized, Sham-Controlled Trial of Real-Time Functional Magnetic Resonance Imaging Neurofeedback for Tics in Adolescents With Tourette Syndrome. Biological Psychiatry, 2020, 87, 1063-1070.	1.3	35

#	Article	IF	Citations
55	Regions and Connections: Complementary Approaches to Characterize Brain Organization and Function. Neuroscientist, 2020, 26, 117-133.	3.5	23
56	The Application of Connectome-Based Predictive Modeling to the Maternal Brain: Implications for Mother–Infant Bonding. Cerebral Cortex, 2020, 30, 1538-1547.	2.9	23
57	Distributed Patterns of Functional Connectivity Predict Working Memory Performance in Novel Healthy and Memory-impaired Individuals. Journal of Cognitive Neuroscience, 2020, 32, 241-255.	2.3	62
58	There is no single functional atlas even for a single individual: Functional parcel definitions change with task. NeuroImage, 2020, 208, 116366.	4.2	172
59	Toward Addiction Prediction: An Overview of Cross-Validated Predictive Modeling Findings and Considerations for Future Neuroimaging Research. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 748-758.	1.5	33
60	Cluster failure or power failure? Evaluating sensitivity in cluster-level inference. NeuroImage, 2020, 209, 116468.	4.2	62
61	Differential responses to infant faces in relation to maternal substance use: An exploratory study. Drug and Alcohol Dependence, 2020, 207, 107805.	3.2	19
62	Magnetic resonance image connectivity analysis provides evidence of central nervous system mode of action for parasacral transcutaneous electro neural stimulation - A pilot study. Journal of Pediatric Urology, 2020, 16, 536-542.	1.1	5
63	Brain-based limitations in attention and secondary task engagement during high-fidelity driving simulation among young adults. NeuroReport, 2020, 31, 619-623.	1.2	6
64	Behavioral and brain signatures of substance use vulnerability in childhood. Developmental Cognitive Neuroscience, 2020, 46, 100878.	4.0	23
65	How Tasks Change Whole-Brain Functional Organization to Reveal Brain-Phenotype Relationships. Cell Reports, 2020, 32, 108066.	6.4	62
66	Simultaneous cortex-wide fluorescence Ca2+ imaging and whole-brain fMRI. Nature Methods, 2020, 17, 1262-1271.	19.0	111
67	Association of Prefrontal-Striatal Functional Pathology With Alcohol Abstinence Days at Treatment Initiation and Heavy Drinking After Treatment Initiation. American Journal of Psychiatry, 2020, 177, 1048-1059.	7.2	35
68	Prior reproductive experience modulates neural responses to infant faces across the postpartum period. Social Neuroscience, 2020, 15, 650-654.	1.3	6
69	Associations between different dimensions of prenatal distress, neonatal hippocampal connectivity, and infant memory. Neuropsychopharmacology, 2020, 45, 1272-1279.	5.4	37
70	Functional brain connectivity in ex utero premature infants compared to in utero fetuses. NeuroImage, 2020, 219, 117043.	4.2	35
71	Substance use and mothers' neural responses to infant cues. Infant Mental Health Journal, 2020, 41, 264-277.	1.8	26
72	Connectome-based neurofeedback: A pilot study to improve sustained attention. NeuroImage, 2020, 212, 116684.	4.2	28

#	Article	IF	Citations
73	Association of Maternal Prepregnancy Body Mass Index With Fetal Growth and Neonatal Thalamic Brain Connectivity Among Adolescent and Young Women. JAMA Network Open, 2020, 3, e2024661.	5.9	15
74	PoincarÃ© Embedding Reveals Edge-Based Functional Networks of the Brain. Lecture Notes in Computer Science, 2020, , 448-457.	1.3	5
75	The Constrained Network-Based Statistic: A New Level of Inference for Neuroimaging. Lecture Notes in Computer Science, 2020, 12267, 458-468.	1.3	9
76	Identification of a brain fingerprint for overweight and obesity. Physiology and Behavior, 2020, 222, 112940.	2.1	21
77	Low-motion fMRI data can be obtained in pediatric participants undergoing a 60-minute scan protocol. Scientific Reports, 2020, 10, 21855.	3.3	18
78	Functional connectivity predicts changes in attention observed across minutes, days, and months. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3797-3807.	7.1	128
79	Commentary: COVID-19 and mental health equity in the United States. Frontiers in Sociology, 2020, 5, 584390.	2.0	17
80	Alexithymia, Emotionâ€Regulation Strategies, and Traumatic Experiences in Prenatally Cocaineâ€Exposed Young Adults. American Journal on Addictions, 2020, 29, 492-499.	1.4	9
81	A developmental model of addictions: integrating neurobiological and psychodynamic theories through the lens of attachment. Attachment and Human Development, 2019, 21, 616-637.	2.1	34
82	Gradient Theories of Brain Activation: a Novel Application to Studying the Parental Brain. Current Behavioral Neuroscience Reports, 2019, 6, 119-125.	1.3	0
83	An information network flow approach for measuring functional connectivity and predicting behavior. Brain and Behavior, 2019, 9, e01346.	2.2	12
84	Combining multiple connectomes improves predictive modeling of phenotypic measures. NeuroImage, 2019, 201, 116038.	4.2	109
85	A decade of test-retest reliability of functional connectivity: A systematic review and meta-analysis. NeuroImage, 2019, 203, 116157.	4.2	370
86	Oscillatory Dynamics of Feedback Processing in Adolescents with Prenatal Cocaine Exposure. Developmental Neuropsychology, 2019, 44, 429-442.	1.4	2
87	The individual functional connectome is unique and stable over months to years. NeuroImage, 2019, 189, 676-687.	4.2	156
88	A Hierarchical Manifold Learning Framework for High-Dimensional Neuroimaging Data. Lecture Notes in Computer Science, 2019, , 631-643.	1.3	2
89	Dynamicâ€flipâ€angle ECGâ€gating with nuisance signal regression improves restingâ€state BOLD functional connectivity mapping by reducing cardiogenic noise. Magnetic Resonance in Medicine, 2019, 82, 911-923.	3.0	2
90	Multivariate approaches improve the reliability and validity of functional connectivity and prediction of individual behaviors. NeuroImage, 2019, 197, 212-223.	4.2	66

#	Article	IF	Citations
91	Prefrontal Cortical and Behavioral Adaptations to Surgical Delivery Mediated by Metabolic Principles. Cerebral Cortex, 2019, 29, 5061-5071.	2.9	7
92	An inactive control of the 'Trier Social Stress Test' for Youth 10–17 years: Neuroendocrine, cardiac, and subjective responses. Psychoneuroendocrinology, 2019, 104, 152-164.	2.7	7
93	The Functional Brain Organization of an Individual Allows Prediction of Measures of Social Abilities Transdiagnostically in Autism and Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2019, 86, 315-326.	1.3	95
94	Prenatal drug exposure from infancy through emerging adulthood: Results from neuroimaging. Drug and Alcohol Dependence, 2019, 198, 39-53.	3.2	18
95	Lower synaptic density is associated with depression severity and network alterations. Nature Communications, 2019, 10, 1529.	12.8	277
96	Maternal positive responses to a distressed infant simulator predict subsequent negative affect in infants. , 2019, 56, 101299.		6
97	Ten simple rules for predictive modeling of individual differences in neuroimaging. NeuroImage, 2019, 193, 35-45.	4.2	273
98	Amygdala functional connectivity is associated with social impairments in preterm born young adults. NeuroImage: Clinical, 2019, 21, 101626.	2.7	37
99	Connectome-Based Prediction of Cocaine Abstinence. American Journal of Psychiatry, 2019, 176, 156-164.	7.2	128
100	Childhood trauma moderates inhibitory control and anterior cingulate cortex activation during stress. NeuroImage, 2019, 185, 111-118.	4.2	40
101	Can neuroimaging help combat the opioid epidemic? A systematic review of clinical and pharmacological challenge fMRI studies with recommendations for future research. Neuropsychopharmacology, 2019, 44, 259-273.	5.4	52
102	Dynamic functional connectivity during task performance and rest predicts individual differences in attention across studies. NeuroImage, 2019, 188, 14-25.	4.2	133
103	The uniqueness of the individual functional connectome. , 2019, , 63-81.		2
104	Data-Driven Analysis of Functional Connectivity Reveals a Potential Auditory Verbal Hallucination Network. Schizophrenia Bulletin, 2019, 45, 415-424.	4.3	32
105	Investigating the association between parity and the maternal neural response to infant cues. Social Neuroscience, 2019, 14, 214-225.	1.3	19
106	A Mass Multivariate Edge-wise Approach for Combining Multiple Connectomes to Improve the Detection of Group Differences. Lecture Notes in Computer Science, 2019, , 64-73.	1.3	4
107	Combining Multiple Behavioral Measures and Multiple Connectomes via Multipath Canonical Correlation Analysis. Lecture Notes in Computer Science, 2019, , 772-780.	1.3	0
108	Maternal Immune Activation During the Third Trimester Is Associated with Neonatal Functional Connectivity of the Salience Network and Fetal to Toddler Behavior. Journal of Neuroscience, 2018, 38, 2877-2886.	3.6	127

#	Article	IF	Citations
109	Substance‐use initiation moderates the effect of stress on white‐matter microstructure in adolescents. American Journal on Addictions, 2018, 27, 217-224.	1.4	0
110	Normalization of Speech Processing After Whole-Vault Cranioplasty in Sagittal Synostosis. Journal of Craniofacial Surgery, 2018, 29, 1132-1136.	0.7	11
111	Resting-state functional connectivity predicts neuroticism and extraversion in novel individuals. Social Cognitive and Affective Neuroscience, 2018, 13, 224-232.	3.0	137
112	A Home Visiting Parenting Program and Child Obesity: A Randomized Trial. Pediatrics, 2018, 141, .	2.1	42
113	Considering factors affecting the connectome-based identification process: Comment on Waller etÂal.. NeuroImage, 2018, 169, 172-175.	4.2	50
114	Medial frontal theta dissociates unsuccessful from successful avoidance and is modulated by lack of perseverance. Brain Research, 2018, 1694, 29-37.	2.2	5
115	Neural Correlates of Success and Failure Signals During Neurofeedback Learning. Neuroscience, 2018, 378, 11-21.	2.3	19
116	Innovations in practice: group mindfulness for adolescent anxiety â€" results of an open trial. Child and Adolescent Mental Health, 2018, 23, 130-133.	3.5	13
117	Connectome-based Models Predict Separable Components of Attention in Novel Individuals. Journal of Cognitive Neuroscience, 2018, 30, 160-173.	2.3	82
118	Emotional eating and instructed food-cue processing in adolescents: An ERP study. Biological Psychology, 2018, 132, 27-36.	2.2	21
119	Multimodal Investigation of Network Level Effects Using Intrinsic Functional Connectivity, Anatomical Covariance, and Structure-to-Function Correlations in Unmedicated Major Depressive Disorder. Neuropsychopharmacology, 2018, 43, 1119-1127.	5.4	57
120	An exemplar-based approach to individualized parcellation reveals the need for sex specific functional networks. NeuroImage, 2018, 170, 54-67.	4.2	38
121	Connectome-based predictive modeling of attention: Comparing different functional connectivity features and prediction methods across datasets. NeuroImage, 2018, 167, 11-22.	4.2	139
122	Insula as the Interface Between Body Awareness and Movement: A Neurofeedback-Guided Kinesthetic Motor Imagery Study in Parkinsonâ€™s Disease. Frontiers in Human Neuroscience, 2018, 12, 496.	2.0	26
123	Introduction to the Special Section: Applications/Implications of the National Institute of Mental Health Research Domain Criteria for Conceptualizing, Assessing, and Treating Mental Disorders in Youth. Clinical Psychology Review, 2018, 64, 39-40.	11.4	0
124	Combining Multiple Connectomes via Canonical Correlation Analysis Improves Predictive Models. Lecture Notes in Computer Science, 2018, , 349-356.	1.3	1
125	Neural processing of social exclusion in individuals with psychopathic traits: Links to anger and aggression. Psychiatry Research, 2018, 268, 263-271.	3.3	12
126	Cerebellar and Prefrontal Cortical Alterations in PTSD: Structural and Functional Evidence. Chronic Stress, 2018, 2, 247054701878639.	3.4	51

#	Article	IF	Citations
127	Task-induced brain state manipulation improves prediction of individual traits. Nature Communications, 2018, 9, 2807.	12.8	346
128	Time course of clinical change following neurofeedback. NeuroImage, 2018, 181, 807-813.	4.2	94
129	Task integration for connectome-based prediction via canonical correlation analysis. , 2018, , .		3
130	Macrophage migration inhibitory factor (MIF) gene is associated with adolescents' cortisol reactivity and anxiety. Psychoneuroendocrinology, 2018, 95, 170-178.	2.7	6
131	A fetal fMRI specific motion correction algorithm using 2nd order edge features. , 2018, , .		14
132	A Home Visiting Parenting Program and Child Obesity: A Randomized Trial. , 2018, , 117-126.		0
133	Alterations in Anatomical Covariance in the Prematurely Born. Cerebral Cortex, 2017, 27, bhv248.	2.9	40
134	Parental reflective functioning and the neural correlates of processing infant affective cues. Social Neuroscience, 2017, 12, 519-529.	1.3	46
135	Weak functional connectivity in the human fetal brain prior to preterm birth. Scientific Reports, 2017, 7, 39286.	3.3	128
136	Multi-modal analysis of functional connectivity and cerebral blood flow reveals shared and unique effects of propofol in large-scale brain networks. NeuroImage, 2017, 148, 130-140.	4.2	40
137	Fine Motor Skill Mediates Visual Memory Ability with Microstructural Neuro-correlates in Cerebellar Peduncles in Prematurely Born Adolescents. Cerebral Cortex, 2017, 27, 322-329.	2.9	9
138	Characterizing Attention with Predictive Network Models. Trends in Cognitive Sciences, 2017, 21, 290-302.	7.8	121
139	Using connectome-based predictive modeling to predict individual behavior from brain connectivity. Nature Protocols, 2017, 12, 506-518.	12.0	766
140	Parental Reflective Functioning: Theory, Research, and Clinical Applications. Psychoanalytic Study of the Child, 2017, 70, 174-199.	0.3	128
141	Multisite reliability of MR-based functional connectivity. NeuroImage, 2017, 146, 959-970.	4.2	140
142	The Transition to Motherhood: Psychoanalysis and Neuroscience Perspectives. Psychoanalytic Study of the Child, 2017, 70, 154-173.	0.3	12
143	Psychodynamic and Neuroscientific Perspectives on Motherhood. Psychoanalytic Study of the Child, 2017, 70, 151-153.	0.3	0
144	Can brain state be manipulated to emphasize individual differences in functional connectivity?. NeuroImage, 2017, 160, 140-151.	4.2	266

#	Article	IF	Citations
145	Maternal executive functioning as a mechanism in the intergenerational transmission of parenting: Preliminary evidence.. Journal of Family Psychology, 2017, 31, 19-29.	1.3	47
146	Event-related potentials index neural response to eye contact. Biological Psychology, 2017, 127, 18-24.	2.2	10
147	White-matter crossing-fiber microstructure in adolescents prenatally exposed to cocaine. Drug and Alcohol Dependence, 2017, 174, 23-29.	3.2	10
148	Cingulate cortex functional connectivity predicts future relapse in alcohol dependent individuals. NeuroImage: Clinical, 2017, 13, 181-187.	2.7	61
149	Altered functional connectivity to stressful stimuli in prenatally cocaine-exposed adolescents. Drug and Alcohol Dependence, 2017, 180, 129-136.	3.2	12
150	Mothers with substance addictions show reduced reward responses when viewing their own infant's face. Human Brain Mapping, 2017, 38, 5421-5439.	3.6	61
151	Intranasal oxytocin and the neural correlates of infant face processing in non-parent women. Biological Psychology, 2017, 129, 45-48.	2.2	19
152	Early adverse experience and substance addiction: dopamine, oxytocin, and glucocorticoid pathways. Annals of the New York Academy of Sciences, 2017, 1394, 74-91.	3.8	59
153	Postpartum depressive symptoms and maternal sensitivity: an exploration of possible social media-based measures. Archives of Women's Mental Health, 2017, 20, 221-224.	2.6	5
154	Does prenatal stress alter the developing connectome?. Pediatric Research, 2017, 81, 214-226.	2.3	120
155	Influences on the Testâ€"Retest Reliability of Functional Connectivity MRI and its Relationship with Behavioral Utility. Cerebral Cortex, 2017, 27, 5415-5429.	2.9	300
156	The parental reflective functioning questionnaire: Development and preliminary validation. PLoS ONE, 2017, 12, e0176218.	2.5	268
157	Self-critical perfectionism predicts lower cortisol response to experimental stress in patients with chronic fatigue syndrome.. Health Psychology, 2016, 35, 298-307.	1.6	13
158	A Preliminary Review of Whether Prior Reproductive Experience Influences Caregiving. New Directions for Child and Adolescent Development, 2016, 2016, 73-86.	2.2	12
159	Functional magnetic resonance connectivity studies in infants born preterm: suggestions of proximate and longâ€"lasting changes in language organization. Developmental Medicine and Child Neurology, 2016, 58, 28-34.	2.1	36
160	Fluctuations in Global Brain Activity Are Associated With Changes in Whole-Brain Connectivity of Functional Networks. IEEE Transactions on Biomedical Engineering, 2016, 63, 2540-2549.	4.2	21
161	Methylphenidate Modulates Functional Network Connectivity to Enhance Attention. Journal of Neuroscience, 2016, 36, 9547-9557.	3.6	88
162	Prenatal stress alters amygdala functional connectivity in preterm neonates. NeuroImage: Clinical, 2016, 12, 381-388.	2.7	100

#	Article	IF	Citations
163	Impaired consciousness in patients with absence seizures investigated by functional MRI, EEG, and behavioural measures: a cross-sectional study. Lancet Neurology, The, 2016, 15, 1336-1345.	10.2	85
164	Gender Differences in Emotion Expression in Low-Income Adolescents Under Stress. Journal of Nonverbal Behavior, 2016, 40, 117-132.	1.0	18
165	Language at rest: A longitudinal study of intrinsic functional connectivity in preterm children. NeuroImage: Clinical, 2016, 11, 149-157.	2.7	11
166	Relationships Between Impulsivity, Anxiety, and Risk-Taking and the Neural Correlates of Attention in Adolescents. Developmental Neuropsychology, 2016, 41, 38-58.	1.4	7
167	Estimating the Roles of Genetic Risk, Perinatal Risk, and Marital Hostility on Early Childhood Adjustment: Medical Records and Self-Reports. Behavior Genetics, 2016, 46, 334-352.	2.1	28
168	Normalization of brain morphology after surgery in sagittal craniosynostosis. Journal of Neurosurgery: Pediatrics, 2016, 17, 460-468.	1.3	23
169	Functional Connectivity During Exposure to Favorite-Food, Stress, and Neutral-Relaxing Imagery Differs Between Smokers and Nonsmokers. Nicotine and Tobacco Research, 2016, 18, 1820-1829.	2.6	12
170	High frequency heart-rate variability predicts adolescent depressive symptoms, particularly anhedonia, across one year. Journal of Affective Disorders, 2016, 196, 243-247.	4.1	43
171	Prenatal cocaine exposure, illicit-substance use and stress and craving processes during adolescence. Drug and Alcohol Dependence, 2016, 158, 76-85.	3.2	19
172	A neuromarker of sustained attention from whole-brain functional connectivity. Nature Neuroscience, 2016, 19, 165-171.	14.8	833
173	Preterm birth alters neonatal, functional rich club organization. Brain Structure and Function, 2016, 221, 3211-3222.	2.3	71
174	Tobacco Smoking and the Resting Maternal Brain: A Preliminary Study of Frontal EEG. Yale Journal of Biology and Medicine, 2016, 89, 115-22.	0.2	6
175	Gender-related Differences in Inhibitory Control and Sustained Attention among Adolescents with Prenatal Cocaine Exposure. Yale Journal of Biology and Medicine, 2016, 89, 143-51.	0.2	3
176	Revisiting a measure of child postoperative recovery: development of the Post Hospitalization Behavior Questionnaire for Ambulatory Surgery. Paediatric Anaesthesia, 2015, 25, 738-745.	1.1	28
177	Cerebral Lateralization is Protective in the Very Prematurely Born. Cerebral Cortex, 2015, 25, 1858-1866.	2.9	49
178	Prenatal cocaine exposure differentially affects stress responses in girls and boys: Associations with future substance use. Development and Psychopathology, 2015, 27, 163-180.	2.3	31
179	The (in)stability of functional brain network measures across thresholds. NeuroImage, 2015, 118, 651-661.	4.2	228
180	Blunted feedback processing during risk-taking in adolescents with features of problematic Internet use. Addictive Behaviors, 2015, 45, 156-163.	3.0	55

#	Article	IF	Citations
181	Emotion regulation in parenthood. Developmental Review, 2015, 36, 1-14.	4.7	294
182	Sex differences in normal age trajectories of functional brain networks. Human Brain Mapping, 2015, 36, 1524-1535.	3.6	207
183	Adaptive mechanisms of developing brain: Cerebral lateralization in the prematurely-born. NeuroImage, 2015, 108, 144-150.	4.2	58
184	Inscapes : A movie paradigm to improve compliance in functional magnetic resonance imaging. NeuroImage, 2015, 122, 222-232.	4.2	281
185	Meditation leads to reduced default mode network activity beyond an active task. Cognitive, Affective and Behavioral Neuroscience, 2015, 15, 712-720.	2.0	165
186	Diminished social reward anticipation in the broad autism phenotype as revealed by event-related brain potentials. Social Cognitive and Affective Neuroscience, 2015, 10, 1357-1364.	3.0	51
187	Social exclusion modulates event-related frontal theta and tracks ostracism distress in children. NeuroImage, 2015, 118, 248-255.	4.2	36
188	Functional connectome fingerprinting: identifying individuals using patterns of brain connectivity. Nature Neuroscience, 2015, 18, 1664-1671.	14.8	2,191
189	The variable heart: High frequency and very low frequency correlates of depressive symptoms in children and adolescents. Journal of Affective Disorders, 2015, 186, 119-126.	4.1	48
190	Effects of early childhood trauma on hypothalamic–pituitary–adrenal (HPA) axis function in patients with Chronic Fatigue Syndrome. Psychoneuroendocrinology, 2015, 52, 14-21.	2.7	41
191	Investigating Maternal Brain Structure and its Relationship to Substance Use and Motivational Systems. Yale Journal of Biology and Medicine, 2015, 88, 211-7.	0.2	5
192	The Development of Associate Learning in School Age Children. PLoS ONE, 2014, 9, e101750.	2.5	7
193	I Can't Take My Eyes Off of You: Attentional Allocation to Infant, Child, Adolescent and Adult Faces in Mothers and Non-Mothers. PLoS ONE, 2014, 9, e109362.	2.5	39
194	Resting state functional connectivity predicts neurofeedback response. Frontiers in Behavioral Neuroscience, 2014, 8, 338.	2.0	59
195	Altered functional connectivity in seizure onset zones revealed by fMRI intrinsic connectivity. Neurology, 2014, 83, 2269-2277.	1.1	69
196	BOLD signal and functional connectivity associated with loving kindness meditation. Brain and Behavior, 2014, 4, 337-347.	2.2	60
197	GABA, Resting-State Connectivity and the Developing Brain. Neonatology, 2014, 106, 149-155.	2.0	55
198	Disruption of Functional Networks in Dyslexia: A Whole-Brain, Data-Driven Analysis of Connectivity. Biological Psychiatry, 2014, 76, 397-404.	1.3	201

#	Article	IF	Citations
199	Parentalâ€"Adolescent Drug Use Discussions: Physiological Responses and Associated Outcomes. Journal of Adolescent Health, 2014, 55, 730-735.	2.5	14
200	Optimizing real time fMRI neurofeedback for therapeutic discovery and development. NeuroImage: Clinical, 2014, 5, 245-255.	2.7	179
201	Prenatal Cocaine Exposure and Adolescent Neural Responses to Appetitive and Stressful Stimuli. Neuropsychopharmacology, 2014, 39, 2824-2834.	5.4	20
202	The impact of image smoothness on intrinsic functional connectivity and head motion confounds. NeuroImage, 2014, 95, 13-21.	4.2	62
203	Reward feedback processing in children and adolescents: Medial frontal theta oscillations. Brain and Cognition, 2014, 89, 79-89.	1.8	37
204	Differential associations between impulsivity and risk-taking and brain activations underlying working memory in adolescents. Addictive Behaviors, 2014, 39, 1606-1621.	3.0	24
205	An exploratory examination of marijuana use, problem-gambling severity, and health correlates among adolescents. Journal of Behavioral Addictions, 2014, 3, 90-101.	3.7	21
206	Maternal and adolescent distress tolerance: The moderating role of gender.. Emotion, 2014, 14, 416-424.	1.8	28
207	The Impact of Age at Surgery on Long-Term Neuropsychological Outcomes in Sagittal Craniosynostosis. Plastic and Reconstructive Surgery, 2014, 134, 608e-617e.	1.4	152
208	Coupled Intrinsic Connectivity Distribution Analysis: A Method for Exploratory Connectivity Analysis of Paired fMRI Data. PLoS ONE, 2014, 9, e93544.	2.5	8
209	Coupled Intrinsic Connectivity: A Principled Method for Exploratory Analysis of Paired Data. Mathematics and Visualization, 2014, , 219-227.	0.6	0
210	Neurobiology of Adolescent Substance Use and Addictive Behaviors. , 2014, , 15-32.		7
211	Neural correlates of stress and favorite-food cue exposure in adolescents: A functional magnetic resonance imaging study. Human Brain Mapping, 2013, 34, 2561-2573.	3.6	37
212	A Graphics Processing Unit Accelerated Motion Correction Algorithm and Modular System for Real-time fMRI. Neuroinformatics, 2013, 11, 291-300.	2.8	19
213	Real-time fMRI links subjective experience with brain activity during focused attention. NeuroImage, 2013, 81, 110-118.	4.2	114
214	A left cerebellar pathway mediates language in prematurely-born young adults. NeuroImage, 2013, 64, 371-378.	4.2	47
215	Potential Use and Challenges of Functional Connectivity Mapping in Intractable Epilepsy. Frontiers in Neurology, 2013, 4, 39.	2.4	50
216	A preliminary investigation of Stroop-related intrinsic connectivity in cocaine dependence: associations with treatment outcomes. American Journal of Drug and Alcohol Abuse, 2013, 39, 392-402.	2.1	53

#	ARTICLE	IF	CITATIONS
217	Orbitofrontal cortex neurofeedback produces lasting changes in contamination anxiety and resting-state connectivity. Translational Psychiatry, 2013, 3, e250-e250.	4.8	154
218	Adolescent Balloon Analog Risk Task and Behaviors that Influence Risk of Motor Vehicle Crash Injury. Annals of Advances in Automotive Medicine, 2013, 57, 77-88.	0.6	10
219	CT-PET weighted image fusion for separately scanned whole body rat. Medical Physics, 2012, 39, 533-542.	3.0	18
220	Real-time fMRI Biofeedback Targeting the Orbitofrontal Cortex for Contamination Anxiety. Journal of Visualized Experiments, 2012, , .	0.3	23
221	The intrinsic connectivity distribution: A novel contrast measure reflecting voxel level functional connectivity. NeuroImage, 2012, 62, 1510-1519.	4.2	98
222	Deviant ERP response to spoken non-words among adolescents exposed to cocaine in utero. Brain and Language, 2012, 120, 209-216.	1.6	23
223	Intrinsic Brain Connectivity Related to Age in Young and Middle Aged Adults. PLoS ONE, 2012, 7, e44067.	2.5	38
224	Biofeedback of Real-Time Functional Magnetic Resonance Imaging Data from the Supplementary Motor Area Reduces Functional Connectivity to Subcortical Regions. Brain Connectivity, 2011, 1, 91-98.	1.7	51
225	Serial monitoring of endogenous neuroblast migration by cellular MRI. NeuroImage, 2011, 57, 817-824.	4.2	28
226	Maternal Neural Responses to Infant Cries and Faces: Relationships with Substance Use. Frontiers in Psychiatry, 2011, 2, 32.	2.6	111
227	Breastfeeding, brain activation to own infant cry, and maternal sensitivity. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2011, 52, 907-915.	5.2	273
228	Unified Framework for Development, Deployment and Robust Testing of Neuroimaging Algorithms. Neuroinformatics, 2011, 9, 69-84.	2.8	193
229	A non-rigid registration method for serial lower extremity hybrid SPECT/CT imaging. Medical Image Analysis, 2011, 15, 96-111.	11.6	18
230	The plasticity of human maternal brain: Longitudinal changes in brain anatomy during the early postpartum period.. Behavioral Neuroscience, 2010, 124, 695-700.	1.2	459
231	New open€source ictal SPECT analysis method implemented in BioImage Suite. Epilepsia, 2010, 51, 703-707.	5.1	10
232	Cocaine addiction in mothers. Annals of the New York Academy of Sciences, 2010, 1187, 172-183.	3.8	67
233	The Development of Mentalisation in Children From a Theory of Mind Perspective. Psychoanalytic Inquiry, 2010, 30, 301-337.	0.1	55
234	An improved unbiased method for diffspect quantification in epilepsy. , 2009, 2009, 927-930.		3

#	Article	IF	Citations
235	A Non-rigid Registration Method for Serial microCT Mouse Hindlimb Images. Lecture Notes in Computer Science, 2009, 12, 688-695.	1.3	1
236	DTI abnormalities in anterior corpus callosum of rats with spike–wave epilepsy. NeuroImage, 2009, 47, 459-466.	4.2	80
237	Maternal brain response to own baby–cry is affected by cesarean section delivery. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2008, 49, 1042-1052.	5.2	242
238	Novel interaction techniques for neurosurgical planning and stereotactic navigation. IEEE Transactions on Visualization and Computer Graphics, 2008, 14, 1587-1594.	4.4	24
239	Event-related potentials in cocaine-exposed children during a Stroop task. Neurotoxicology and Teratology, 2005, 27, 797-813.	2.4	63
240	Interaction synchrony and neural circuits contribute to shared intentionality. Behavioral and Brain Sciences, 2005, 28, 697-698.	0.7	0
241	Endogenous and exogenous opiates modulate the development of parent–infant attachment. Behavioral and Brain Sciences, 2005, 28, .	0.7	9
242	The development of parent-infant attachment through dynamic and interactive signaling loops of care and cry. Behavioral and Brain Sciences, 2004, 27, 472-473.	0.7	36
243	Child mental health consultation with families of medically compromised infants. Child and Adolescent Psychiatric Clinics of North America, 2003, 12, 401-421.	1.9	6
244	A behavioral teratogenic model of the impact of prenatal cocaine exposure on arousal regulatory systems. Neurotoxicology and Teratology, 2002, 24, 385-395.	2.4	139
245	Regulation of Arousal and Attention in Preschool Children Exposed to Cocaine Prenatally. Annals of the New York Academy of Sciences, 1998, 846, 126-143.	3.8	133
246	Infant information-processing performance and maternal education. Infant and Child Development, 1995, 4, 91-96.	0.4	12
247	Measurement tool for preoperative anxiety in young children: The yale preoperative anxiety scale. Child Neuropsychology, 1995, 1, 203-210.	1.3	107
248	Avoidance in Adolescence: The Balloon Risk Avoidance Task (BRAT). Journal of Psychopathology and Behavioral Assessment, 0, , 1.	1.2	1
249	Differential resting state connectivity responses to glycemic state in type 1 diabetes. Journal of Clinical Endocrinology and Metabolism, 0, , .	3.6	0
250	Functional Connectivity of the Chemosenses: A Review. Frontiers in Systems Neuroscience, 0, 16, .	2.5	3