

# Dustin Scheinost

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5411308/publications.pdf>

Version: 2024-02-01

250  
papers

17,170  
citations

22099

59  
h-index

22764

112  
g-index

282  
all docs

282  
docs citations

282  
times ranked

15157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional connectome fingerprinting: identifying individuals using patterns of brain connectivity. <i>Nature Neuroscience</i> , 2015, 18, 1664-1671.	7.1	2,191
2	A neuromarker of sustained attention from whole-brain functional connectivity. <i>Nature Neuroscience</i> , 2016, 19, 165-171.	7.1	833
3	Using connectome-based predictive modeling to predict individual behavior from brain connectivity. <i>Nature Protocols</i> , 2017, 12, 506-518.	5.5	766
4	The plasticity of human maternal brain: Longitudinal changes in brain anatomy during the early postpartum period.. <i>Behavioral Neuroscience</i> , 2010, 124, 695-700.	0.6	459
5	A decade of test-retest reliability of functional connectivity: A systematic review and meta-analysis. <i>NeuroImage</i> , 2019, 203, 116157.	2.1	370
6	Task-induced brain state manipulation improves prediction of individual traits. <i>Nature Communications</i> , 2018, 9, 2807.	5.8	346
7	Influences on the Testâ€“Retest Reliability of Functional Connectivity MRI and its Relationship with Behavioral Utility. <i>Cerebral Cortex</i> , 2017, 27, 5415-5429.	1.6	300
8	Emotion regulation in parenthood. <i>Developmental Review</i> , 2015, 36, 1-14.	2.6	294
9	Inscapes : A movie paradigm to improve compliance in functional magnetic resonance imaging. <i>NeuroImage</i> , 2015, 122, 222-232.	2.1	281
10	Lower synaptic density is associated with depression severity and network alterations. <i>Nature Communications</i> , 2019, 10, 1529.	5.8	277
11	Breastfeeding, brain activation to own infant cry, and maternal sensitivity. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2011, 52, 907-915.	3.1	273
12	Ten simple rules for predictive modeling of individual differences in neuroimaging. <i>NeuroImage</i> , 2019, 193, 35-45.	2.1	273
13	The parental reflective functioning questionnaire: Development and preliminary validation. <i>PLoS ONE</i> , 2017, 12, e0176218.	1.1	268
14	Can brain state be manipulated to emphasize individual differences in functional connectivity?. <i>NeuroImage</i> , 2017, 160, 140-151.	2.1	266
15	Maternal brain response to own babyâ€™cry is affected by cesarean section delivery. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2008, 49, 1042-1052.	3.1	242
16	The (in)stability of functional brain network measures across thresholds. <i>NeuroImage</i> , 2015, 118, 651-661.	2.1	228
17	Sex differences in normal age trajectories of functional brain networks. <i>Human Brain Mapping</i> , 2015, 36, 1524-1535.	1.9	207
18	BrainGNN: Interpretable Brain Graph Neural Network for fMRI Analysis. <i>Medical Image Analysis</i> , 2021, 74, 102233.	7.0	202

#	ARTICLE	IF	CITATIONS
19	Disruption of Functional Networks in Dyslexia: A Whole-Brain, Data-Driven Analysis of Connectivity. <i>Biological Psychiatry</i> , 2014, 76, 397-404.	0.7	201
20	Unified Framework for Development, Deployment and Robust Testing of Neuroimaging Algorithms. <i>Neuroinformatics</i> , 2011, 9, 69-84.	1.5	193
21	Optimizing real time fMRI neurofeedback for therapeutic discovery and development. <i>NeuroImage: Clinical</i> , 2014, 5, 245-255.	1.4	179
22	There is no single functional atlas even for a single individual: Functional parcel definitions change with task. <i>NeuroImage</i> , 2020, 208, 116366.	2.1	172
23	Meditation leads to reduced default mode network activity beyond an active task. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2015, 15, 712-720.	1.0	165
24	The individual functional connectome is unique and stable over months to years. <i>NeuroImage</i> , 2019, 189, 676-687.	2.1	156
25	Orbitofrontal cortex neurofeedback produces lasting changes in contamination anxiety and resting-state connectivity. <i>Translational Psychiatry</i> , 2013, 3, e250-e250.	2.4	154
26	The Impact of Age at Surgery on Long-Term Neuropsychological Outcomes in Sagittal Craniosynostosis. <i>Plastic and Reconstructive Surgery</i> , 2014, 134, 608e-617e.	0.7	152
27	Multisite reliability of MR-based functional connectivity. <i>NeuroImage</i> , 2017, 146, 959-970.	2.1	140
28	A behavioral teratogenic model of the impact of prenatal cocaine exposure on arousal regulatory systems. <i>Neurotoxicology and Teratology</i> , 2002, 24, 385-395.	1.2	139
29	Connectome-based predictive modeling of attention: Comparing different functional connectivity features and prediction methods across datasets. <i>NeuroImage</i> , 2018, 167, 11-22.	2.1	139
30	Resting-state functional connectivity predicts neuroticism and extraversion in novel individuals. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 224-232.	1.5	137
31	Regulation of Arousal and Attention in Preschool Children Exposed to Cocaine Prenatally. <i>Annals of the New York Academy of Sciences</i> , 1998, 846, 126-143.	1.8	133
32	Dynamic functional connectivity during task performance and rest predicts individual differences in attention across studies. <i>NeuroImage</i> , 2019, 188, 14-25.	2.1	133
33	Weak functional connectivity in the human fetal brain prior to preterm birth. <i>Scientific Reports</i> , 2017, 7, 39286.	1.6	128
34	Parental Reflective Functioning: Theory, Research, and Clinical Applications. <i>Psychoanalytic Study of the Child</i> , 2017, 70, 174-199.	0.2	128
35	Connectome-Based Prediction of Cocaine Abstinence. <i>American Journal of Psychiatry</i> , 2019, 176, 156-164.	4.0	128
36	Functional connectivity predicts changes in attention observed across minutes, days, and months. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3797-3807.	3.3	128

#	ARTICLE	IF	CITATIONS
37	Maternal Immune Activation During the Third Trimester Is Associated with Neonatal Functional Connectivity of the Salience Network and Fetal to Toddler Behavior. <i>Journal of Neuroscience</i> , 2018, 38, 2877-2886.	1.7	127
38	Characterizing Attention with Predictive Network Models. <i>Trends in Cognitive Sciences</i> , 2017, 21, 290-302.	4.0	121
39	Does prenatal stress alter the developing connectome?. <i>Pediatric Research</i> , 2017, 81, 214-226.	1.1	120
40	Real-time fMRI links subjective experience with brain activity during focused attention. <i>NeuroImage</i> , 2013, 81, 110-118.	2.1	114
41	Craving to Quit: A Randomized Controlled Trial of Smartphone App-Based Mindfulness Training for Smoking Cessation. <i>Nicotine and Tobacco Research</i> , 2020, 22, 324-331.	1.4	112
42	Maternal Neural Responses to Infant Cries and Faces: Relationships with Substance Use. <i>Frontiers in Psychiatry</i> , 2011, 2, 32.	1.3	111
43	Simultaneous cortex-wide fluorescence Ca <sup>2+</sup> imaging and whole-brain fMRI. <i>Nature Methods</i> , 2020, 17, 1262-1271.	9.0	111
44	Combining multiple connectomes improves predictive modeling of phenotypic measures. <i>NeuroImage</i> , 2019, 201, 116038.	2.1	109
45	Measurement tool for preoperative anxiety in young children: The yale preoperative anxiety scale. <i>Child Neuropsychology</i> , 1995, 1, 203-210.	0.8	107
46	Prenatal stress alters amygdala functional connectivity in preterm neonates. <i>NeuroImage: Clinical</i> , 2016, 12, 381-388.	1.4	100
47	A guide to the measurement and interpretation of fMRI test-retest reliability. <i>Current Opinion in Behavioral Sciences</i> , 2021, 40, 27-32.	2.0	100
48	The intrinsic connectivity distribution: A novel contrast measure reflecting voxel level functional connectivity. <i>NeuroImage</i> , 2012, 62, 1510-1519.	2.1	98
49	The Functional Brain Organization of an Individual Allows Prediction of Measures of Social Abilities Transdiagnostically in Autism and Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2019, 86, 315-326.	0.7	95
50	Differential Resting State Connectivity Responses to Glycemic State in Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1-13.	1.8	95
51	Time course of clinical change following neurofeedback. <i>NeuroImage</i> , 2018, 181, 807-813.	2.1	94
52	Methylphenidate Modulates Functional Network Connectivity to Enhance Attention. <i>Journal of Neuroscience</i> , 2016, 36, 9547-9557.	1.7	88
53	Impaired consciousness in patients with absence seizures investigated by functional MRI, EEG, and behavioural measures: a cross-sectional study. <i>Lancet Neurology</i> , The, 2016, 15, 1336-1345.	4.9	85
54	Connectome-based Models Predict Separable Components of Attention in Novel Individuals. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 160-173.	1.1	82

#	ARTICLE	IF	CITATIONS
55	DTI abnormalities in anterior corpus callosum of rats with spike-wave epilepsy. <i>NeuroImage</i> , 2009, 47, 459-466.	2.1	80
56	Preterm birth alters neonatal, functional rich club organization. <i>Brain Structure and Function</i> , 2016, 221, 3211-3222.	1.2	71
57	Altered functional connectivity in seizure onset zones revealed by fMRI intrinsic connectivity. <i>Neurology</i> , 2014, 83, 2269-2277.	1.5	69
58	Cocaine addiction in mothers. <i>Annals of the New York Academy of Sciences</i> , 2010, 1187, 172-183.	1.8	67
59	Multivariate approaches improve the reliability and validity of functional connectivity and prediction of individual behaviors. <i>NeuroImage</i> , 2019, 197, 212-223.	2.1	66
60	Event-related potentials in cocaine-exposed children during a Stroop task. <i>Neurotoxicology and Teratology</i> , 2005, 27, 797-813.	1.2	63
61	The impact of image smoothness on intrinsic functional connectivity and head motion confounds. <i>NeuroImage</i> , 2014, 95, 13-21.	2.1	62
62	Distributed Patterns of Functional Connectivity Predict Working Memory Performance in Novel Healthy and Memory-impaired Individuals. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 241-255.	1.1	62
63	Cluster failure or power failure? Evaluating sensitivity in cluster-level inference. <i>NeuroImage</i> , 2020, 209, 116468.	2.1	62
64	How Tasks Change Whole-Brain Functional Organization to Reveal Brain-Phenotype Relationships. <i>Cell Reports</i> , 2020, 32, 108066.	2.9	62
65	Cingulate cortex functional connectivity predicts future relapse in alcohol dependent individuals. <i>NeuroImage: Clinical</i> , 2017, 13, 181-187.	1.4	61
66	Mothers with substance addictions show reduced reward responses when viewing their own infant's face. <i>Human Brain Mapping</i> , 2017, 38, 5421-5439.	1.9	61
67	BOLD signal and functional connectivity associated with loving kindness meditation. <i>Brain and Behavior</i> , 2014, 4, 337-347.	1.0	60
68	Resting state functional connectivity predicts neurofeedback response. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 338.	1.0	59
69	Early adverse experience and substance addiction: dopamine, oxytocin, and glucocorticoid pathways. <i>Annals of the New York Academy of Sciences</i> , 2017, 1394, 74-91.	1.8	59
70	Adaptive mechanisms of developing brain: Cerebral lateralization in the prematurely-born. <i>NeuroImage</i> , 2015, 108, 144-150.	2.1	58
71	Multimodal Investigation of Network Level Effects Using Intrinsic Functional Connectivity, Anatomical Covariance, and Structure-to-Function Correlations in Unmedicated Major Depressive Disorder. <i>Neuropsychopharmacology</i> , 2018, 43, 1119-1127.	2.8	57
72	The Development of Mentalisation in Children From a Theory of Mind Perspective. <i>Psychoanalytic Inquiry</i> , 2010, 30, 301-337.	0.0	55

#	ARTICLE	IF	CITATIONS
73	GABA, Resting-State Connectivity and the Developing Brain. <i>Neonatology</i> , 2014, 106, 149-155.	0.9	55
74	Blunted feedback processing during risk-taking in adolescents with features of problematic Internet use. <i>Addictive Behaviors</i> , 2015, 45, 156-163.	1.7	55
75	Individualized functional networks reconfigure with cognitive state. <i>NeuroImage</i> , 2020, 206, 116233.	2.1	54
76	A preliminary investigation of Stroop-related intrinsic connectivity in cocaine dependence: associations with treatment outcomes. <i>American Journal of Drug and Alcohol Abuse</i> , 2013, 39, 392-402.	1.1	53
77	Can neuroimaging help combat the opioid epidemic? A systematic review of clinical and pharmacological challenge fMRI studies with recommendations for future research. <i>Neuropsychopharmacology</i> , 2019, 44, 259-273.	2.8	52
78	Biofeedback of Real-Time Functional Magnetic Resonance Imaging Data from the Supplementary Motor Area Reduces Functional Connectivity to Subcortical Regions. <i>Brain Connectivity</i> , 2011, 1, 91-98.	0.8	51
79	Diminished social reward anticipation in the broad autism phenotype as revealed by event-related brain potentials. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1357-1364.	1.5	51
80	Cerebellar and Prefrontal Cortical Alterations in PTSD: Structural and Functional Evidence. <i>Chronic Stress</i> , 2018, 2, 247054701878639.	1.7	51
81	Potential Use and Challenges of Functional Connectivity Mapping in Intractable Epilepsy. <i>Frontiers in Neurology</i> , 2013, 4, 39.	1.1	50
82	Considering factors affecting the connectome-based identification process: Comment on Waller etÂal.. <i>NeuroImage</i> , 2018, 169, 172-175.	2.1	50
83	Cerebral Lateralization is Protective in the Very Prematurely Born. <i>Cerebral Cortex</i> , 2015, 25, 1858-1866.	1.6	49
84	The variable heart: High frequency and very low frequency correlates of depressive symptoms in children and adolescents. <i>Journal of Affective Disorders</i> , 2015, 186, 119-126.	2.0	48
85	A left cerebellar pathway mediates language in prematurely-born young adults. <i>NeuroImage</i> , 2013, 64, 371-378.	2.1	47
86	Maternal executive functioning as a mechanism in the intergenerational transmission of parenting: Preliminary evidence.. <i>Journal of Family Psychology</i> , 2017, 31, 19-29.	1.0	47
87	Parental reflective functioning and the neural correlates of processing infant affective cues. <i>Social Neuroscience</i> , 2017, 12, 519-529.	0.7	46
88	High frequency heart-rate variability predicts adolescent depressive symptoms, particularly anhedonia, across one year. <i>Journal of Affective Disorders</i> , 2016, 196, 243-247.	2.0	43
89	Dissociable neural substrates of opioid and cocaine use identified via connectome-based modelling. <i>Molecular Psychiatry</i> , 2021, 26, 4383-4393.	4.1	43
90	A Home Visiting Parenting Program and Child Obesity: A Randomized Trial. <i>Pediatrics</i> , 2018, 141, .	1.0	42

#	ARTICLE	IF	CITATIONS
91	Effects of early childhood trauma on hypothalamic-pituitary-adrenal (HPA) axis function in patients with Chronic Fatigue Syndrome. <i>Psychoneuroendocrinology</i> , 2015, 52, 14-21.	1.3	41
92	Alterations in Anatomical Covariance in the Prematurely Born. <i>Cerebral Cortex</i> , 2017, 27, bhv248.	1.6	40
93	Multi-modal analysis of functional connectivity and cerebral blood flow reveals shared and unique effects of propofol in large-scale brain networks. <i>NeuroImage</i> , 2017, 148, 130-140.	2.1	40
94	Childhood trauma moderates inhibitory control and anterior cingulate cortex activation during stress. <i>NeuroImage</i> , 2019, 185, 111-118.	2.1	40
95	I Can't Take My Eyes Off of You: Attentional Allocation to Infant, Child, Adolescent and Adult Faces in Mothers and Non-Mothers. <i>PLoS ONE</i> , 2014, 9, e109362.	1.1	39
96	An exemplar-based approach to individualized parcellation reveals the need for sex specific functional networks. <i>NeuroImage</i> , 2018, 170, 54-67.	2.1	38
97	Transdiagnostic, Connectome-Based Prediction of Memory Constructs Across Psychiatric Disorders. <i>Cerebral Cortex</i> , 2021, 31, 2523-2533.	1.6	38
98	Intrinsic Brain Connectivity Related to Age in Young and Middle Aged Adults. <i>PLoS ONE</i> , 2012, 7, e44067.	1.1	38
99	Neural correlates of stress and favorite-food cue exposure in adolescents: A functional magnetic resonance imaging study. <i>Human Brain Mapping</i> , 2013, 34, 2561-2573.	1.9	37
100	Reward feedback processing in children and adolescents: Medial frontal theta oscillations. <i>Brain and Cognition</i> , 2014, 89, 79-89.	0.8	37
101	Amygdala functional connectivity is associated with social impairments in preterm born young adults. <i>NeuroImage: Clinical</i> , 2019, 21, 101626.	1.4	37
102	Associations between different dimensions of prenatal distress, neonatal hippocampal connectivity, and infant memory. <i>Neuropsychopharmacology</i> , 2020, 45, 1272-1279.	2.8	37
103	The development of parent-infant attachment through dynamic and interactive signaling loops of care and cry. <i>Behavioral and Brain Sciences</i> , 2004, 27, 472-473.	0.4	36
104	Social exclusion modulates event-related frontal theta and tracks ostracism distress in children. <i>NeuroImage</i> , 2015, 118, 248-255.	2.1	36
105	Functional magnetic resonance connectivity studies in infants born preterm: suggestions of proximate and long-lasting changes in language organization. <i>Developmental Medicine and Child Neurology</i> , 2016, 58, 28-34.	1.1	36
106	Randomized, Sham-Controlled Trial of Real-Time Functional Magnetic Resonance Imaging Neurofeedback for Tics in Adolescents With Tourette Syndrome. <i>Biological Psychiatry</i> , 2020, 87, 1063-1070.	0.7	35
107	Association of Prefrontal-Striatal Functional Pathology With Alcohol Abstinence Days at Treatment Initiation and Heavy Drinking After Treatment Initiation. <i>American Journal of Psychiatry</i> , 2020, 177, 1048-1059.	4.0	35
108	Functional brain connectivity in ex utero premature infants compared to in utero fetuses. <i>NeuroImage</i> , 2020, 219, 117043.	2.1	35

#	ARTICLE	IF	CITATIONS
109	A developmental model of addictions: integrating neurobiological and psychodynamic theories through the lens of attachment. <i>Attachment and Human Development</i> , 2019, 21, 616-637.	1.2	34
110	Toward Addiction Prediction: An Overview of Cross-Validated Predictive Modeling Findings and Considerations for Future Neuroimaging Research. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 748-758.	1.1	33
111	A hitchhiker's guide to working with large, open-source neuroimaging datasets. <i>Nature Human Behaviour</i> , 2021, 5, 185-193.	6.2	33
112	Functional connectivity during frustration: a preliminary study of predictive modeling of irritability in youth. <i>Neuropsychopharmacology</i> , 2021, 46, 1300-1306.	2.8	33
113	Nonlinear manifold learning in functional magnetic resonance imaging uncovers a low-dimensional space of brain dynamics. <i>Human Brain Mapping</i> , 2021, 42, 4510-4524.	1.9	33
114	Data-Driven Analysis of Functional Connectivity Reveals a Potential Auditory Verbal Hallucination Network. <i>Schizophrenia Bulletin</i> , 2019, 45, 415-424.	2.3	32
115	Prenatal cocaine exposure differentially affects stress responses in girls and boys: Associations with future substance use. <i>Development and Psychopathology</i> , 2015, 27, 163-180.	1.4	31
116	Serial monitoring of endogenous neuroblast migration by cellular MRI. <i>NeuroImage</i> , 2011, 57, 817-824.	2.1	28
117	Maternal and adolescent distress tolerance: The moderating role of gender. <i>Emotion</i> , 2014, 14, 416-424.	1.5	28
118	Revisiting a measure of child postoperative recovery: development of the Post Hospitalization Behavior Questionnaire for Ambulatory Surgery. <i>Paediatric Anaesthesia</i> , 2015, 25, 738-745.	0.6	28
119	Estimating the Roles of Genetic Risk, Perinatal Risk, and Marital Hostility on Early Childhood Adjustment: Medical Records and Self-Reports. <i>Behavior Genetics</i> , 2016, 46, 334-352.	1.4	28
120	Connectome-based neurofeedback: A pilot study to improve sustained attention. <i>NeuroImage</i> , 2020, 212, 116684.	2.1	28
121	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , 2021, 109, 1769-1775.	3.8	27
122	Insula as the Interface Between Body Awareness and Movement: A Neurofeedback-Guided Kinesthetic Motor Imagery Study in Parkinson's Disease. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 496.	1.0	26
123	Substance use and mothers' neural responses to infant cues. <i>Infant Mental Health Journal</i> , 2020, 41, 264-277.	0.7	26
124	Novel interaction techniques for neurosurgical planning and stereotactic navigation. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2008, 14, 1587-1594.	2.9	24
125	Differential associations between impulsivity and risk-taking and brain activations underlying working memory in adolescents. <i>Addictive Behaviors</i> , 2014, 39, 1606-1621.	1.7	24
126	Real-time fMRI Biofeedback Targeting the Orbitofrontal Cortex for Contamination Anxiety. <i>Journal of Visualized Experiments</i> , 2012, , .	0.2	23



#	ARTICLE	IF	CITATIONS
127	Deviant ERP response to spoken non-words among adolescents exposed to cocaine in utero. <i>Brain and Language</i> , 2012, 120, 209-216.	0.8	23
128	Normalization of brain morphology after surgery in sagittal craniosynostosis. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 17, 460-468.	0.8	23
129	Regions and Connections: Complementary Approaches to Characterize Brain Organization and Function. <i>Neuroscientist</i> , 2020, 26, 117-133.	2.6	23
130	The Application of Connectome-Based Predictive Modeling to the Maternal Brain: Implications for Motherâ€™ Infant Bonding. <i>Cerebral Cortex</i> , 2020, 30, 1538-1547.	1.6	23
131	Behavioral and brain signatures of substance use vulnerability in childhood. <i>Developmental Cognitive Neuroscience</i> , 2020, 46, 100878.	1.9	23
132	Automated Brain Masking of Fetal Functional MRI with Open Data. <i>Neuroinformatics</i> , 2021, , 1.	1.5	23
133	An exploratory examination of marijuana use, problem-gambling severity, and health correlates among adolescents. <i>Journal of Behavioral Addictions</i> , 2014, 3, 90-101.	1.9	21
134	Fluctuations in Global Brain Activity Are Associated With Changes in Whole-Brain Connectivity of Functional Networks. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 2540-2549.	2.5	21
135	Emotional eating and instructed food-cue processing in adolescents: An ERP study. <i>Biological Psychology</i> , 2018, 132, 27-36.	1.1	21
136	Identification of a brain fingerprint for overweight and obesity. <i>Physiology and Behavior</i> , 2020, 222, 112940.	1.0	21
137	Prenatal Cocaine Exposure and Adolescent Neural Responses to Appetitive and Stressful Stimuli. <i>Neuropsychopharmacology</i> , 2014, 39, 2824-2834.	2.8	20
138	Functional Connectomeâ€™Based Predictive Modeling in Autism. <i>Biological Psychiatry</i> , 2022, 92, 626-642.	0.7	20
139	A Graphics Processing Unit Accelerated Motion Correction Algorithm and Modular System for Real-time fMRI. <i>Neuroinformatics</i> , 2013, 11, 291-300.	1.5	19
140	Prenatal cocaine exposure, illicit-substance use and stress and craving processes during adolescence. <i>Drug and Alcohol Dependence</i> , 2016, 158, 76-85.	1.6	19
141	Intranasal oxytocin and the neural correlates of infant face processing in non-parent women. <i>Biological Psychology</i> , 2017, 129, 45-48.	1.1	19
142	Neural Correlates of Success and Failure Signals During Neurofeedback Learning. <i>Neuroscience</i> , 2018, 378, 11-21.	1.1	19
143	Investigating the association between parity and the maternal neural response to infant cues. <i>Social Neuroscience</i> , 2019, 14, 214-225.	0.7	19
144	Differential responses to infant faces in relation to maternal substance use: An exploratory study. <i>Drug and Alcohol Dependence</i> , 2020, 207, 107805.	1.6	19

#	ARTICLE	IF	CITATIONS
145	A Neuroimaging Signature of Cognitive Aging from Whole-Brain Functional Connectivity. <i>Advanced Science</i> , 2022, 9, .	5.6	19
146	A non-rigid registration method for serial lower extremity hybrid SPECT/CT imaging. <i>Medical Image Analysis</i> , 2011, 15, 96-111.	7.0	18
147	CT-PET weighted image fusion for separately scanned whole body rat. <i>Medical Physics</i> , 2012, 39, 533-542.	1.6	18
148	Gender Differences in Emotion Expression in Low-Income Adolescents Under Stress. <i>Journal of Nonverbal Behavior</i> , 2016, 40, 117-132.	0.6	18
149	Prenatal drug exposure from infancy through emerging adulthood: Results from neuroimaging. <i>Drug and Alcohol Dependence</i> , 2019, 198, 39-53.	1.6	18
150	How prenatal exposures shape the infant brain: Insights from infant neuroimaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 47-58.	2.9	18
151	Low-motion fMRI data can be obtained in pediatric participants undergoing a 60-minute scan protocol. <i>Scientific Reports</i> , 2020, 10, 21855.	1.6	18
152	Dear reviewers: Responses to common reviewer critiques about infant neuroimaging studies. <i>Developmental Cognitive Neuroscience</i> , 2022, 53, 101055.	1.9	18
153	School age effects of Minding the Baby™ An attachment-based home-visiting intervention™ On parenting and child behaviors. <i>Development and Psychopathology</i> , 2022, 34, 55-67.	1.4	17
154	Commentary: COVID-19 and mental health equity in the United States. <i>Frontiers in Sociology</i> , 2020, 5, 584390.	1.0	17
155	Mobilizing an institutional supportive response for healthcare workers and other staff in the context of COVID-19: The Yale experience. <i>General Hospital Psychiatry</i> , 2021, 68, 12-18.	1.2	16
156	Association of Maternal Prepregnancy Body Mass Index With Fetal Growth and Neonatal Thalamic Brain Connectivity Among Adolescent and Young Women. <i>JAMA Network Open</i> , 2020, 3, e2024661.	2.8	15
157	Parental™ Adolescent Drug Use Discussions: Physiological Responses and Associated Outcomes. <i>Journal of Adolescent Health</i> , 2014, 55, 730-735.	1.2	14
158	A fetal fMRI specific motion correction algorithm using 2 <sup>nd</sup> order edge features. , 2018, , .		14
159	Smooth graph learning for functional connectivity estimation. <i>NeuroImage</i> , 2021, 239, 118289.	2.1	14
160	Large-scale differences in functional organization of left- and right-handed individuals using whole-brain, data-driven analysis of connectivity. <i>NeuroImage</i> , 2022, 252, 119040.	2.1	14
161	Predicting the future of neuroimaging predictive models in mental health. <i>Molecular Psychiatry</i> , 2022, 27, 3129-3137.	4.1	14
162	Self-critical perfectionism predicts lower cortisol response to experimental stress in patients with chronic fatigue syndrome.. <i>Health Psychology</i> , 2016, 35, 298-307.	1.3	13

#	ARTICLE	IF	CITATIONS
163	Innovations in practice: group mindfulness for adolescent anxiety – results of an open trial. <i>Child and Adolescent Mental Health</i> , 2018, 23, 130-133.	1.8	13
164	Large-scale functional brain networks of maladaptive childhood aggression identified by connectome-based predictive modeling. <i>Molecular Psychiatry</i> , 2022, 27, 985-999.	4.1	13
165	Infant information-processing performance and maternal education. <i>Infant and Child Development</i> , 1995, 4, 91-96.	0.4	12
166	A Preliminary Review of Whether Prior Reproductive Experience Influences Caregiving. <i>New Directions for Child and Adolescent Development</i> , 2016, 2016, 73-86.	1.3	12
167	Functional Connectivity During Exposure to Favorite-Food, Stress, and Neutral-Relaxing Imagery Differs Between Smokers and Nonsmokers. <i>Nicotine and Tobacco Research</i> , 2016, 18, 1820-1829.	1.4	12
168	The Transition to Motherhood: Psychoanalysis and Neuroscience Perspectives. <i>Psychoanalytic Study of the Child</i> , 2017, 70, 154-173.	0.2	12
169	Altered functional connectivity to stressful stimuli in prenatally cocaine-exposed adolescents. <i>Drug and Alcohol Dependence</i> , 2017, 180, 129-136.	1.6	12
170	Neural processing of social exclusion in individuals with psychopathic traits: Links to anger and aggression. <i>Psychiatry Research</i> , 2018, 268, 263-271.	1.7	12
171	An information network flow approach for measuring functional connectivity and predicting behavior. <i>Brain and Behavior</i> , 2019, 9, e01346.	1.0	12
172	Atypical Intrinsic Hemispheric Interaction Associated with Autism Spectrum Disorder Is Present within the First Year of Life. <i>Cerebral Cortex</i> , 2021, , .	1.6	12
173	A brain-based general measure of attention. <i>Nature Human Behaviour</i> , 2022, 6, 782-795.	6.2	12
174	Language at rest: A longitudinal study of intrinsic functional connectivity in preterm children. <i>NeuroImage: Clinical</i> , 2016, 11, 149-157.	1.4	11
175	Normalization of Speech Processing After Whole-Vault Cranioplasty in Sagittal Synostosis. <i>Journal of Craniofacial Surgery</i> , 2018, 29, 1132-1136.	0.3	11
176	New open-source ictal SPECT analysis method implemented in BiImage Suite. <i>Epilepsia</i> , 2010, 51, 703-707.	2.6	10
177	Event-related potentials index neural response to eye contact. <i>Biological Psychology</i> , 2017, 127, 18-24.	1.1	10
178	White-matter crossing-fiber microstructure in adolescents prenatally exposed to cocaine. <i>Drug and Alcohol Dependence</i> , 2017, 174, 23-29.	1.6	10
179	Adult attachment is related to maternal neural response to infant cues: an ERP study. <i>Attachment and Human Development</i> , 2023, 25, 71-88.	1.2	10
180	Resample aggregating improves the generalizability of connectome predictive modeling. <i>NeuroImage</i> , 2021, 236, 118044.	2.1	10

#	ARTICLE	IF	CITATIONS
181	Adolescent Balloon Analog Risk Task and Behaviors that Influence Risk of Motor Vehicle Crash Injury. <i>Annals of Advances in Automotive Medicine</i> , 2013, 57, 77-88.	0.6	10
182	Associations among Household and Neighborhood Socioeconomic Disadvantages, Resting-state Frontostriatal Connectivity, and Internalizing Symptoms in Youth. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 1810-1841.	1.1	10
183	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. <i>Developmental Cognitive Neuroscience</i> , 2022, 54, 101083.	1.9	10
184	Arousal impacts distributed hubs modulating the integration of brain functional connectivity. <i>NeuroImage</i> , 2022, 258, 119364.	2.1	10
185	Endogenous and exogenous opiates modulate the development of parentâ€ infant attachment. <i>Behavioral and Brain Sciences</i> , 2005, 28, .	0.4	9
186	Fine Motor Skill Mediates Visual Memory Ability with Microstructural Neuro-correlates in Cerebellar Peduncles in Prematurely Born Adolescents. <i>Cerebral Cortex</i> , 2017, 27, 322-329.	1.6	9
187	The Constrained Network-Based Statistic: A New Level of Inference for Neuroimaging. <i>Lecture Notes in Computer Science</i> , 2020, 12267, 458-468.	1.0	9
188	Alexithymia, Emotionâ€ Regulation Strategies, and Traumatic Experiences in Prenatally Cocaineâ€ Exposed Young Adults. <i>American Journal on Addictions</i> , 2020, 29, 492-499.	1.3	9
189	Neurofeedback-guided kinesthetic motor imagery training in Parkinsonâ€™s disease: Randomized trial. <i>NeuroImage: Clinical</i> , 2022, 34, 102980.	1.4	9
190	Parenting and Addictions: Current Insights From Human Neuroscience. <i>Current Addiction Reports</i> , 2021, 8, 380-388.	1.6	8
191	Genetic variation in endocannabinoid signaling is associated with differential networkâ€ level functional connectivity in youth. <i>Journal of Neuroscience Research</i> , 2022, 100, 731-743.	1.3	8
192	The instability of functional connectomes across the first year of life. <i>Developmental Cognitive Neuroscience</i> , 2021, 51, 101007.	1.9	8
193	Associations of Cannabis- and Tobacco-Related Problem Severity with Reward and Punishment Sensitivity and Impulsivity in Adolescent Daily Cigarette Smokers. <i>International Journal of Mental Health and Addiction</i> , 2021, 19, 1963-1979.	4.4	8
194	Coupled Intrinsic Connectivity Distribution Analysis: A Method for Exploratory Connectivity Analysis of Paired fMRI Data. <i>PLoS ONE</i> , 2014, 9, e93544.	1.1	8
195	The process of emotion identification: Considerations for psychiatric disorders. <i>Journal of Psychiatric Research</i> , 2022, 148, 264-274.	1.5	8
196	Ageâ€ related topographic map of magnetic resonance diffusion metrics in neonatal brains. <i>Human Brain Mapping</i> , 2022, 43, 4326-4334.	1.9	8
197	The Development of Associate Learning in School Age Children. <i>PLoS ONE</i> , 2014, 9, e101750.	1.1	7
198	Relationships Between Impulsivity, Anxiety, and Risk-Taking and the Neural Correlates of Attention in Adolescents. <i>Developmental Neuropsychology</i> , 2016, 41, 38-58.	1.0	7

#	ARTICLE	IF	CITATIONS
199	Prefrontal Cortical and Behavioral Adaptations to Surgical Delivery Mediated by Metabolic Principles. <i>Cerebral Cortex</i> , 2019, 29, 5061-5071.	1.6	7
200	An inactive control of the "Trier Social Stress Test"™ for Youth 10-17 years: Neuroendocrine, cardiac, and subjective responses. <i>Psychoneuroendocrinology</i> , 2019, 104, 152-164.	1.3	7
201	Long-Term Neurocognitive Outcomes in Sagittal Synostosis: The Impact of Reoperation. <i>Journal of Craniofacial Surgery</i> , 2021, 32, 58-61.	0.3	7
202	Neurobiology of Adolescent Substance Use and Addictive Behaviors. , 2014, , 15-32.		7
203	Graph theory analysis of whole brain functional connectivity to assess disturbances associated with suicide attempts in bipolar disorder. <i>Translational Psychiatry</i> , 2022, 12, 7.	2.4	7
204	Child mental health consultation with families of medically compromised infants. <i>Child and Adolescent Psychiatric Clinics of North America</i> , 2003, 12, 401-421.	1.0	6
205	Macrophage migration inhibitory factor (MIF) gene is associated with adolescents' cortisol reactivity and anxiety. <i>Psychoneuroendocrinology</i> , 2018, 95, 170-178.	1.3	6
206	Maternal positive responses to a distressed infant simulator predict subsequent negative affect in infants. , 2019, 56, 101299.		6
207	Brain-based limitations in attention and secondary task engagement during high-fidelity driving simulation among young adults. <i>NeuroReport</i> , 2020, 31, 619-623.	0.6	6
208	Prior reproductive experience modulates neural responses to infant faces across the postpartum period. <i>Social Neuroscience</i> , 2020, 15, 650-654.	0.7	6
209	Increased Alpha-Band Connectivity During Tic Suppression in Children With Tourette Syndrome Revealed by Source Electroencephalography Analyses. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, , .	1.1	6
210	Tobacco Smoking and the Resting Maternal Brain: A Preliminary Study of Frontal EEG. <i>Yale Journal of Biology and Medicine</i> , 2016, 89, 115-22.	0.2	6
211	(Un)common space in infant neuroimaging studies: A systematic review of infant templates. <i>Human Brain Mapping</i> , 2022, 43, 3007-3016.	1.9	6
212	Postpartum depressive symptoms and maternal sensitivity: an exploration of possible social media-based measures. <i>Archives of Women's Mental Health</i> , 2017, 20, 221-224.	1.2	5
213	Medial frontal theta dissociates unsuccessful from successful avoidance and is modulated by lack of perseverance. <i>Brain Research</i> , 2018, 1694, 29-37.	1.1	5
214	Magnetic resonance image connectivity analysis provides evidence of central nervous system mode of action for parasacral transcutaneous electro neural stimulation - A pilot study. <i>Journal of Pediatric Urology</i> , 2020, 16, 536-542.	0.6	5
215	Co-occurring tobacco and cannabis use in adolescents: Dissociable relationships with mediofrontal electrocortical activity during reward feedback processing. <i>NeuroImage: Clinical</i> , 2021, 30, 102592.	1.4	5
216	Using functional connectivity models to characterize relationships between working and episodic memory. <i>Brain and Behavior</i> , 2021, 11, e02105.	1.0	5

#	ARTICLE	IF	CITATIONS
217	Daily cannabis use in adolescents who smoke tobacco is associated with altered late-stage feedback processing: A high-density electrical mapping study. <i>Journal of Psychiatric Research</i> , 2021, 139, 82-90.	1.5	5
218	Poincaré Embedding Reveals Edge-Based Functional Networks of the Brain. <i>Lecture Notes in Computer Science</i> , 2020, , 448-457.	1.0	5
219	Investigating Maternal Brain Structure and its Relationship to Substance Use and Motivational Systems. <i>Yale Journal of Biology and Medicine</i> , 2015, 88, 211-7.	0.2	5
220	Mapping the complex causal mechanisms of drinking and driving behaviors among adolescents and young adults. <i>Social Science and Medicine</i> , 2022, 296, 114732.	1.8	5
221	Data-Driven Mapping Between Functional Connectomes Using Optimal Transport. <i>Lecture Notes in Computer Science</i> , 2021, , 293-302.	1.0	4
222	A Mass Multivariate Edge-wise Approach for Combining Multiple Connectomes to Improve the Detection of Group Differences. <i>Lecture Notes in Computer Science</i> , 2019, , 64-73.	1.0	4
223	High-Risk Drinkers Engage Distinct Stress-Predictive Brain Networks. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 805-813.	1.1	4
224	A cognitive state transformation model for task-general and task-specific subsystems of the brain connectome. <i>NeuroImage</i> , 2022, 257, 119279.	2.1	4
225	An improved unbiased method for diffspect quantification in epilepsy. , 2009, 2009, 927-930.		3
226	Task integration for connectome-based prediction via canonical correlation analysis. , 2018, , .		3
227	Gender-related Differences in Inhibitory Control and Sustained Attention among Adolescents with Prenatal Cocaine Exposure. <i>Yale Journal of Biology and Medicine</i> , 2016, 89, 143-51.	0.2	3
228	Functional Connectivity of the Chemosenses: A Review. <i>Frontiers in Systems Neuroscience</i> , 0, 16, .	1.2	3
229	Oscillatory Dynamics of Feedback Processing in Adolescents with Prenatal Cocaine Exposure. <i>Developmental Neuropsychology</i> , 2019, 44, 429-442.	1.0	2
230	A Hierarchical Manifold Learning Framework for High-Dimensional Neuroimaging Data. <i>Lecture Notes in Computer Science</i> , 2019, , 631-643.	1.0	2
231	Dynamicâ€œflipâ€œangle ECGâ€œgating with nuisance signal regression improves restingâ€œstate BOLD functional connectivity mapping by reducing cardiogenic noise. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 911-923.	1.9	2
232	The uniqueness of the individual functional connectome. , 2019, , 63-81.		2
233	A graph theoryâ€œbased whole brain approach to assess mood state differences in adolescents and young adults with bipolar disorder. <i>Bipolar Disorders</i> , 2021, , .	1.1	2
234	OUP accepted manuscript. <i>Cerebral Cortex</i> , 2021, , .	1.6	2

#	ARTICLE	IF	CITATIONS
235	A Non-rigid Registration Method for Serial microCT Mouse Hindlimb Images. Lecture Notes in Computer Science, 2009, 12, 688-695.	1.0	1
236	Combining Multiple Connectomes via Canonical Correlation Analysis Improves Predictive Models. Lecture Notes in Computer Science, 2018, , 349-356.	1.0	1
237	Connectome-Based Predictive Modelling With Missing Connectivity Data Using Robust Matrix Completion. , 2021, , .		1
238	Avoidance in Adolescence: The Balloon Risk Avoidance Task (BRAT). Journal of Psychopathology and Behavioral Assessment, 0, , 1.	0.7	1
239	Big data approaches to identifying sex differences in long-term memory. Cognitive Neuroscience, 2021, 12, 185-186.	0.6	1
240	Interaction synchrony and neural circuits contribute to shared intentionality. Behavioral and Brain Sciences, 2005, 28, 697-698.	0.4	0
241	Psychodynamic and Neuroscientific Perspectives on Motherhood. Psychoanalytic Study of the Child, 2017, 70, 151-153.	0.2	0
242	Substance use initiation moderates the effect of stress on white matter microstructure in adolescents. American Journal on Addictions, 2018, 27, 217-224.	1.3	0
243	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.	6.0	0
244	Gradient Theories of Brain Activation: a Novel Application to Studying the Parental Brain. Current Behavioral Neuroscience Reports, 2019, 6, 119-125.	0.6	0
245	Coupled Intrinsic Connectivity: A Principled Method for Exploratory Analysis of Paired Data. Mathematics and Visualization, 2014, , 219-227.	0.4	0
246	Combining Multiple Behavioral Measures and Multiple Connectomes via Multipath Canonical Correlation Analysis. Lecture Notes in Computer Science, 2019, , 772-780.	1.0	0
247	A protocol for working with open-source neuroimaging datasets. STAR Protocols, 2022, 3, 101077.	0.5	0
248	A Home Visiting Parenting Program and Child Obesity: A Randomized Trial. , 2018, , 117-126.		0
249	Multimodal neuroimaging of metabotropic glutamate 5 receptors and functional connectivity in alcohol use disorder. Alcoholism: Clinical and Experimental Research, 2022, , .	1.4	0
250	Differential resting state connectivity responses to glycemic state in type 1 diabetes. Journal of Clinical Endocrinology and Metabolism, 0, , .	1.8	0