

Vaibhav A Diwadkar

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

3,291
citations

136950

32
h-index

175258

52
g-index

102
all docs

102
docs citations

102
times ranked

4218
citing authors

#	ARTICLE	IF	CITATIONS
1	Are Brain Responses to Emotion a Reliable Endophenotype of Schizophrenia? An Image-Based Functional Magnetic Resonance Imaging Meta-analysis. <i>Biological Psychiatry</i> , 2023, 93, 167-177.	1.3	5
2	Stimulus valence, episodic memory, and the priming of brain activation profiles in borderline personality disorder. <i>Psychological Medicine</i> , 2022, 52, 4177-4187.	4.5	2
3	Effective connectivity of brain networks controlling human thermoregulation. <i>Brain Structure and Function</i> , 2022, 227, 299-312.	2.3	7
4	Dynamic causal modeling of eye gaze processing in schizophrenia. <i>Schizophrenia Research</i> , 2021, 229, 112-121.	2.0	18
5	Evoking network profiles of the dorsal anterior cingulate in youth with Obsessive-Compulsive Disorder during motor control and working memory. <i>Journal of Psychiatric Research</i> , 2021, 132, 72-83.	3.1	6
6	Brain Network Dysconnection in Neuropsychiatric Disorders: The Practice of "Normal Science", 2021, 1-15.		4
7	Sexual Regional Dimorphism of Post-Adolescent and Middle Age Brain Maturation. A Multi-center 3T MRI Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 622054.	3.4	11
8	Facial emotion recognition in panic disorder: a mini-review of behavioural studies.. <i>Journal of Affective Disorders</i> , 2021, 282, 173-178.	4.1	3
9	From mathematics to medicine: A practical primer on topological data analysis (TDA) and the development of related analytic tools for the functional discovery of latent structure in fMRI data. <i>PLoS ONE</i> , 2021, 16, e0255859.	2.5	8
10	Ocular measures during associative learning predict recall accuracy. <i>International Journal of Psychophysiology</i> , 2021, 166, 103-115.	1.0	4
11	Neurobiological Divergence of the Positive and Negative Schizophrenia Subtypes Identified on a New Factor Structure of Psychopathology Using Non-negative Factorization: An International Machine Learning Study. <i>Biological Psychiatry</i> , 2020, 87, 282-293.	1.3	68
12	Cognition and Reward Circuits in Schizophrenia: Synergistic, Not Separate. <i>Biological Psychiatry</i> , 2020, 87, 204-214.	1.3	53
13	A neurobiological correlate of stress-induced nicotine-seeking behavior among cigarette smokers. <i>Addiction Biology</i> , 2020, 25, e12819.	2.6	8
14	Twin MRI studies on genetic and environmental determinants of brain morphology and function in the early lifespan. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 109, 139-149.	6.1	19
15	Hemodynamic and behavioral peculiarities in response to emotional stimuli in children with attention deficit hyperactivity disorder: An fNIRS study. <i>Journal of Affective Disorders</i> , 2020, 277, 671-680.	4.1	15
16	Disordered directional brain network interactions during learning dynamics in schizophrenia revealed by multivariate autoregressive models. <i>Human Brain Mapping</i> , 2020, 41, 3594-3607.	3.6	16
17	Directional Interactions Between Constituents of the Human Large-Scale Thermoregulatory Network. <i>Brain Topography</i> , 2020, 33, 489-503.	1.8	11
18	ALE meta-analysis, its role in node identification and the effects on estimates of local network organization. <i>Brain Structure and Function</i> , 2020, 225, 1089-1102.	2.3	2

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19	The Neurocircuitry Underlying Additive Effects of Safety Instruction on Extinction Learning. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 576247.	2.0	2
20	From nodes to networks: How methods for defining nodes influence inferences regarding network interactions. <i>Human Brain Mapping</i> , 2019, 40, 1458-1469.	3.6	4
21	Hierarchical control systems for the regulation of physiological homeostasis and affect: Can their interactions modulate mood and anhedonia?. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 105, 251-261.	6.1	17
22	Affective interference in borderline personality disorder: The lethality of suicidal behavior predicts functional brain profiles. <i>Journal of Affective Disorders</i> , 2019, 252, 253-262.	4.1	12
23	Investigating the Impact of Genetic Background on Brain Dynamic Functional Connectivity Through Machine Learning: A Twins Study. , 2019, , .		3
24	Pharmacological stress impairs working memory performance and attenuates dorsolateral prefrontal cortex glutamate modulation. <i>NeuroImage</i> , 2019, 186, 437-445.	4.2	29
25	Cortical-hippocampal functional connectivity during covert consolidation sub-serves associative learning: Evidence for an active "rest" state. <i>Brain and Cognition</i> , 2019, 131, 45-55.	1.8	10
26	Decreased functional connectivity in the fronto-parietal network in children with mood disorders compared to children with dyslexia during rest: An fMRI study. <i>NeuroImage: Clinical</i> , 2018, 18, 582-590.	2.7	6
27	"Brain over body" A study on the willful regulation of autonomic function during cold exposure. <i>NeuroImage</i> , 2018, 172, 632-641.	4.2	31
28	Activations in gray and white matter are modulated by uni-manual responses during within and inter-hemispheric transfer: effects of response hand and right-handedness. <i>Brain Imaging and Behavior</i> , 2018, 12, 942-961.	2.1	8
29	Working Memory Modulates Glutamate Levels in the Dorsolateral Prefrontal Cortex during 1H fMRS. <i>Frontiers in Psychiatry</i> , 2018, 9, 66.	2.6	34
30	Response Hand and Motor Set Differentially Modulate the Connectivity of Brain Pathways During Simple Uni-manual Motor Behavior. <i>Brain Topography</i> , 2018, 31, 985-1000.	1.8	7
31	Attempts at memory control induce dysfunctional brain activation profiles in Generalized Anxiety Disorder: An exploratory fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2017, 266, 42-52.	1.8	14
32	Functional dynamics of hippocampal glutamate during associative learning assessed with in vivo 1 H functional magnetic resonance spectroscopy. <i>NeuroImage</i> , 2017, 153, 189-197.	4.2	45
33	Oculomotor Prediction: A Window into the Psychotic Mind. <i>Trends in Cognitive Sciences</i> , 2017, 21, 344-356.	7.8	54
34	Impulsivity and aggression mediate regional brain responses in Borderline Personality Disorder: An fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2017, 260, 76-85.	1.8	30
35	Hyper-modulation of brain networks by the amygdala among women with Borderline Personality Disorder: Network signatures of affective interference during cognitive processing. <i>Journal of Psychiatric Research</i> , 2017, 88, 56-63.	3.1	22
36	Brain network dysfunction in youth with obsessive-compulsive disorder induced by simple uni-manual behavior: The role of the dorsal anterior cingulate cortex. <i>Psychiatry Research - Neuroimaging</i> , 2017, 260, 6-15.	1.8	20

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37	Reading related white matter structures in adolescents are influenced more by dysregulation of emotion than behavior. <i>NeuroImage: Clinical</i> , 2017, 15, 732-740.	2.7	3
38	Amygdala-prefrontal cortical functional connectivity during implicit emotion processing differentiates youth with bipolar spectrum from youth with externalizing disorders. <i>Journal of Affective Disorders</i> , 2017, 208, 94-100.	4.1	31
39	Longitudinal Relationships Among Activity in Attention Redirection Neural Circuitry and Symptom Severity in Youth. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 336-345.	1.5	8
40	Ventral Striatum Functional Connectivity during Rewards and Losses and Symptomatology in Depressed Patients. <i>Biological Psychology</i> , 2017, 123, 62-73.	2.2	45
41	Regulation of Brown Adipose Tissue Activity by Interoceptive CNS Pathways: The interaction between Brain and Periphery. <i>Frontiers in Neuroscience</i> , 2017, 11, 640.	2.8	12
42	Potential of motor sub-networks for motor control but not working memory: Interaction of dACC and SMA revealed by resting-state directed functional connectivity. <i>PLoS ONE</i> , 2017, 12, e0172531.	2.5	33
43	Using machine learning and surface reconstruction to accurately differentiate different trajectories of mood and energy dysregulation in youth. <i>PLoS ONE</i> , 2017, 12, e0180221.	2.5	0
44	Common and distinct structural features of schizophrenia and bipolar disorder: The European Network on Psychosis, Affective disorders and Cognitive Trajectory (ENPACT) study. <i>PLoS ONE</i> , 2017, 12, e0188000.	2.5	74
45	Network Profiles of the Dorsal Anterior Cingulate and Dorsal Prefrontal Cortex in Schizophrenia During Hippocampal-Based Associative Memory. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 32.	2.5	22
46	Inferring the Dysconnection Syndrome in Schizophrenia: Interpretational Considerations on Methods for the Network Analyses of fMRI Data. <i>Frontiers in Psychiatry</i> , 2016, 7, 132.	2.6	31
47	In vivo correlates of thermoregulatory defense in humans: Temporal course of subcortical and cortical responses assessed with fMRI. <i>Human Brain Mapping</i> , 2016, 37, 3188-3202.	3.6	20
48	Amygdala responses to quetiapine XR and citalopram treatment in major depression: the role of 5-HTTLPR/Lg polymorphisms. <i>Human Psychopharmacology</i> , 2016, 31, 144-155.	1.5	12
49	Effective connectivity of ascending and descending frontothalamic pathways during sustained attention: Complex brain network interactions in adolescence. <i>Human Brain Mapping</i> , 2016, 37, 2557-2570.	3.6	25
50	Chronological age and its impact on associative learning proficiency and brain structure in middle adulthood. <i>Behavioural Brain Research</i> , 2016, 297, 329-337.	2.2	9
51	Can Emotional and Behavioral Dysregulation in Youth Be Decoded from Functional Neuroimaging?. <i>PLoS ONE</i> , 2016, 11, e0117603.	2.5	18
52	Dysfunctional Activation and Brain Network Profiles in Youth with Obsessive-Compulsive Disorder: A Focus on the Dorsal Anterior Cingulate during Working Memory. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 149.	2.0	25
53	Dorsal anterior cingulate cortex modulates supplementary motor area in coordinated unimanual motor behavior. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 309.	2.0	73
54	Critical perspectives on causality and inference in brain networks: Allusions, illusions, solutions?. <i>Physics of Life Reviews</i> , 2015, 15, 141-144.	2.8	6

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55	White Matter Structure in Youth With Behavioral and Emotional Dysregulation Disorders. <i>JAMA Psychiatry</i> , 2015, 72, 367.	11.0	32
56	Affective context interferes with brain responses during cognitive processing in borderline personality disorder: fMRI evidence. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 23-35.	1.8	51
57	The dorsal prefrontal and dorsal anterior cingulate cortices exert complementary network signatures during encoding and retrieval in associative memory. <i>Behavioural Brain Research</i> , 2015, 290, 152-160.	2.2	31
58	Decreased amygdala-insula resting state connectivity in behaviorally and emotionally dysregulated youth. <i>Psychiatry Research - Neuroimaging</i> , 2015, 231, 77-86.	1.8	61
59	Parsing Dimensional vs Diagnostic Category-Related Patterns of Reward Circuitry Function in Behaviorally and Emotionally Dysregulated Youth in the Longitudinal Assessment of Manic Symptoms Study. <i>JAMA Psychiatry</i> , 2014, 71, 71.	11.0	45
60	Temporal Sequencing of Brain Activations During Naturally Occurring Thermoregulatory Events. <i>Cerebral Cortex</i> , 2014, 24, 3006-3013.	2.9	24
61	Negative Symptoms in Schizophrenia. <i>Clinical Schizophrenia and Related Psychoses</i> , 2014, 8, 28-35B.	1.4	19
62	Dysfunction and Dysconnection in Cortico-striatal Networks during Sustained Attention: Genetic Risk for Schizophrenia or Bipolar Disorder and its Impact on Brain Network Function. <i>Frontiers in Psychiatry</i> , 2014, 5, 50.	2.6	45
63	Epigenetics, Stress, and Their Potential Impact on Brain Network Function: A Focus on the Schizophrenia Diatheses. <i>Frontiers in Psychiatry</i> , 2014, 5, 71.	2.6	23
64	Impulsivity, aggression and brain structure in high and low lethality suicide attempters with borderline personality disorder. <i>Psychiatry Research - Neuroimaging</i> , 2014, 222, 131-139.	1.8	60
65	Abnormal deactivation of the inferior frontal gyrus during implicit emotion processing in youth with bipolar disorder: Attenuated by medication. <i>Journal of Psychiatric Research</i> , 2014, 58, 129-136.	3.1	36
66	Approaching a network connectivity-driven classification of the psychosis continuum: a selective review and suggestions for future research. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 1047.	2.0	56
67	Differences in cortico-striatal-cerebellar activation during working memory in syndromal and nonsyndromal children with prenatal alcohol exposure. <i>Human Brain Mapping</i> , 2013, 34, 1931-1945.	3.6	55
68	Network dysfunction during associative learning in schizophrenia: Increased activation, but decreased connectivity: An fMRI study. <i>Schizophrenia Research</i> , 2013, 148, 38-49.	2.0	32
69	Disordered Corticolimbic Interactions During Affective Processing in Children and Adolescents at Risk for Schizophrenia Revealed by Functional Magnetic Resonance Imaging and Dynamic Causal Modeling. <i>Archives of General Psychiatry</i> , 2012, 69, 231.	12.3	63
70	fMRI responses to emotional faces in children and adolescents at genetic risk for psychiatric illness share some of the features of depression. <i>Journal of Affective Disorders</i> , 2012, 136, 276-285.	4.1	14
71	The neural correlates of performance in adolescents at risk for schizophrenia: Inefficiently increased cortico-striatal responses measured with fMRI. <i>Journal of Psychiatric Research</i> , 2012, 46, 12-21.	3.1	34
72	Structural brain abnormalities and suicidal behavior in borderline personality disorder. <i>Journal of Psychiatric Research</i> , 2012, 46, 516-525.	3.1	164

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73	The schizophrenic brain: A broken hermeneutic circle. Some new insights and results. , 2011, , .		1
74	Fronto-parietal hypo-activation during working memory independent of structural abnormalities: Conjoint fMRI and sMRI analyses in adolescent offspring of schizophrenia patients. <i>NeuroImage</i> , 2011, 58, 234-241.	4.2	24
75	Model-based dynamical analysis of functional disconnection in schizophrenia. <i>NeuroImage</i> , 2011, 58, 870-877.	4.2	37
76	Shared impairment in associative learning in schizophrenia and bipolar disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1093-1099.	4.8	32
77	Working memory and attention deficits in adolescent offspring of schizophrenia or bipolar patients: Comparing vulnerability markers. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1349-1354.	4.8	68
78	Inefficiently increased anterior cingulate modulation of cortical systems during working memory in young offspring of schizophrenia patients. <i>Journal of Psychiatric Research</i> , 2011, 45, 1067-1076.	3.1	42
79	Hypo-activation in the executive core of the sustained attention network in adolescent offspring of schizophrenia patients mediated by premorbid functional deficits. <i>Psychiatry Research - Neuroimaging</i> , 2011, 192, 91-99.	1.8	23
80	Reduced intra-amygdala activity to positively valenced faces in adolescent schizophrenia offspring. <i>Schizophrenia Research</i> , 2010, 123, 126-136.	2.0	44
81	Prenatal Alcohol Exposure and Interhemispheric Transfer of Tactile Information: Detroit and Cape Town Findings. <i>Alcoholism: Clinical and Experimental Research</i> , 2009, 33, 1628-1637.	2.4	34
82	Striatal metabolic alterations in non-psychotic adolescent offspring at risk for schizophrenia: A 1H spectroscopy study. <i>Schizophrenia Research</i> , 2009, 115, 88-93.	2.0	53
83	Impaired associative learning in schizophrenia: behavioral and computational studies. <i>Cognitive Neurodynamics</i> , 2008, 2, 207-219.	4.0	41
84	Structural brain abnormalities in borderline personality disorder: A voxel-based morphometry study. <i>Psychiatry Research - Neuroimaging</i> , 2008, 164, 223-236.	1.8	145
85	Psychopathology among offspring of parents with schizophrenia: Relationship to premorbid impairments. <i>Schizophrenia Research</i> , 2008, 103, 114-120.	2.0	101
86	Computational Approach to Schizophrenia: Disconnection Syndrome and Dynamical Pharmacology. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	5
87	Temporal sequencing of brain activations in menopausal hot flashes. <i>FASEB Journal</i> , 2008, 22, 956-10.	0.5	0
88	Genetically predisposed offspring with schizotypal features: An ultra high-risk group for schizophrenia?. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2006, 30, 230-238.	4.8	72
89	Developmental biomarkers in schizophrenia and other psychiatric disorders: common origins, different trajectories?. <i>Epidemiology and Psychiatric Sciences</i> , 2005, 14, 188-193.	3.9	28
90	Premorbid indicators and risk for schizophrenia: A selective review and update. <i>Schizophrenia Research</i> , 2005, 79, 45-57.	2.0	124

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91	Approaches for adolescents with an affected family member with schizophrenia. <i>Current Psychiatry Reports</i> , 2004, 6, 296-302.	4.5	7
92	Abnormalities in MRI-measured signal intensity in the corpus callosum in schizophrenia. <i>Schizophrenia Research</i> , 2004, 67, 277-282.	2.0	42
93	Premorbid characterization in schizophrenia: the Pittsburgh High Risk Study. <i>World Psychiatry</i> , 2004, 3, 163-8.	10.4	62
94	Emerging insights on the neuroanatomy of schizophrenia. <i>Current Psychosis & Therapeutics Reports</i> , 2003, 1, 28-34.	0.1	1
95	Decreased left amygdala and hippocampal volumes in young offspring at risk for schizophrenia. <i>Schizophrenia Research</i> , 2002, 58, 173-183.	2.0	122
96	Newer techniques in magnetic resonance imaging and their potential for neuropsychiatric research. <i>Journal of Psychosomatic Research</i> , 2002, 53, 677-685.	2.6	14
97	A preliminary functional magnetic resonance imaging study in offspring of schizophrenic parents. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2002, 26, 1143-1149.	4.8	76
98	Oculomotor Delayed Response Abnormalities in Young Offspring and Siblings at Risk for Schizophrenia. <i>CNS Spectrums</i> , 2001, 6, 899-903.	1.2	27
99	Collaborative Activity between Parietal and Dorso-Lateral Prefrontal Cortex in Dynamic Spatial Working Memory Revealed by fMRI. <i>NeuroImage</i> , 2000, 12, 85-99.	4.2	144
100	The Context of Memory Retrieval. <i>Journal of Memory and Language</i> , 1996, 35, 877-892.	2.1	22