

Mayuresh S Korgaonkar

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

5,649
citations

109311

35
h-index

88628

70
g-index

117
all docs

117
docs citations

117
times ranked

8994
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a Common Neurobiological Substrate for Mental Illness. <i>JAMA Psychiatry</i> , 2015, 72, 305.	11.0	1,050
2	Smaller Hippocampal Volume in Posttraumatic Stress Disorder: A Multisite ENIGMA-PGC Study: Subcortical Volumetry Results From Posttraumatic Stress Disorder Consortia. <i>Biological Psychiatry</i> , 2018, 83, 244-253.	1.3	335
3	Widespread reductions in gray matter volume in depression. <i>NeuroImage: Clinical</i> , 2013, 3, 332-339.	2.7	301
4	Abnormal Structural Networks Characterize Major Depressive Disorder: A Connectome Analysis. <i>Biological Psychiatry</i> , 2014, 76, 567-574.	1.3	293
5	Obesity Is Associated With Reduced White Matter Integrity in Otherwise Healthy Adults*. <i>Obesity</i> , 2011, 19, 500-504.	3.0	204
6	Loss of white matter integrity in major depressive disorder: Evidence using tract-based spatial statistical analysis of diffusion tensor imaging. <i>Human Brain Mapping</i> , 2011, 32, 2161-2171.	3.6	180
7	Amygdala Reactivity to Emotional Faces in the Prediction of General and Medication-Specific Responses to Antidepressant Treatment in the Randomized iSPOT-D Trial. <i>Neuropsychopharmacology</i> , 2015, 40, 2398-2408.	5.4	168
8	Testing the white matter retrogenesis hypothesis of cognitive aging. <i>Neurobiology of Aging</i> , 2012, 33, 1699-1715.	3.1	139
9	Impact of early vs. late childhood early life stress on brain morphometrics. <i>Brain Imaging and Behavior</i> , 2013, 7, 196-203.	2.1	134
10	Diffusion tensor imaging predictors of treatment outcomes in major depressive disorder. <i>British Journal of Psychiatry</i> , 2014, 205, 321-328.	2.8	126
11	Frontoparietal Activation During Response Inhibition Predicts Remission to Antidepressants in Patients With Major Depression. <i>Biological Psychiatry</i> , 2016, 79, 274-281.	1.3	116
12	Using Standardized fMRI Protocols to Identify Patterns of Prefrontal Circuit Dysregulation that are Common and Specific to Cognitive and Emotional Tasks in Major Depressive Disorder: First Wave Results from the iSPOT-D Study. <i>Neuropsychopharmacology</i> , 2013, 38, 863-871.	5.4	113
13	Hippocampal volume varies with educational attainment across the life-span. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 307.	2.0	109
14	Body mass index and brain structure in healthy children and adolescents. <i>International Journal of Neuroscience</i> , 2014, 124, 49-55.	1.6	100
15	Intrinsic connectomes are a predictive biomarker of remission in major depressive disorder. <i>Molecular Psychiatry</i> , 2020, 25, 1537-1549.	7.9	99
16	Higher education is an age-independent predictor of white matter integrity and cognitive control in late adolescence. <i>Developmental Science</i> , 2013, 16, 653-664.	2.4	88
17	Intrinsic functional connectivity predicts remission on antidepressants: a randomized controlled trial to identify clinically applicable imaging biomarkers. <i>Translational Psychiatry</i> , 2018, 8, 57.	4.8	79
18	Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.	14.8	75

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19	Cognitive control network anatomy correlates with neurocognitive behavior: A longitudinal study. <i>Human Brain Mapping</i> , 2017, 38, 631-643.	3.6	73
20	Limbic dysregulation is associated with lowered heart rate variability and increased trait anxiety in healthy adults. <i>Human Brain Mapping</i> , 2009, 30, 47-58.	3.6	72
21	Altered white matter microstructural organization in posttraumatic stress disorder across 3047 adults: results from the PGC-ENIGMA PTSD consortium. <i>Molecular Psychiatry</i> , 2021, 26, 4315-4330.	7.9	69
22	COGNITION-CHILDHOOD MALTREATMENT INTERACTIONS IN THE PREDICTION OF ANTIDEPRESSANT OUTCOMES IN MAJOR DEPRESSIVE DISORDER PATIENTS: RESULTS FROM THE iSPOT-D TRIAL. <i>Depression and Anxiety</i> , 2015, 32, 594-604.	4.1	64
23	Neuroplasticity in the Adaptation to Prosthodontic Treatment. <i>Journal of Orofacial Pain</i> , 2013, 27, 206-216.	1.7	58
24	Establishing the resting state default mode network derived from functional magnetic resonance imaging tasks as an endophenotype: A twins study. <i>Human Brain Mapping</i> , 2014, 35, 3893-3902.	3.6	56
25	Regional heterogeneity in limbic maturational changes: Evidence from integrating cortical thickness, volumetric and diffusion tensor imaging measures. <i>NeuroImage</i> , 2011, 55, 868-879.	4.2	55
26	Mapping inter-regional connectivity of the entire cortex to characterize major depressive disorder. <i>NeuroReport</i> , 2012, 23, 566-571.	1.2	54
27	Regional brain network organization distinguishes the combined and inattentive subtypes of Attention Deficit Hyperactivity Disorder. <i>NeuroImage: Clinical</i> , 2017, 15, 383-390.	2.7	54
28	Magnetic Resonance Imaging Measures of Brain Structure to Predict Antidepressant Treatment Outcome in Major Depressive Disorder. <i>EBioMedicine</i> , 2015, 2, 37-45.	6.1	53
29	Cortical volume abnormalities in posttraumatic stress disorder: an ENIGMA-psychiatric genomics consortium PTSD workgroup mega-analysis. <i>Molecular Psychiatry</i> , 2021, 26, 4331-4343.	7.9	52
30	Human amygdala engagement moderated by early life stress exposure is a biobehavioral target for predicting recovery on antidepressants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11955-11960.	7.1	50
31	Grey matter abnormalities in children and adolescents with functional neurological symptom disorder. <i>NeuroImage: Clinical</i> , 2017, 15, 306-314.	2.7	49
32	Inhibition-related modulation of salience and frontoparietal networks predicts cognitive control ability and inattention symptoms in children with ADHD. <i>Molecular Psychiatry</i> , 2021, 26, 4016-4025.	7.9	48
33	A Systematic Review of Imaging Studies in the Combined and Inattentive Subtypes of Attention Deficit Hyperactivity Disorder. <i>Frontiers in Integrative Neuroscience</i> , 2020, 14, 31.	2.1	46
34	Connectivity of the Cognitive Control Network During Response Inhibition as a Predictive and Response Biomarker in Major Depression: Evidence From a Randomized Clinical Trial. <i>Biological Psychiatry</i> , 2020, 87, 462-472.	1.3	42
35	The TWIN-E Project in Emotional Wellbeing: Study Protocol and Preliminary Heritability Results Across Four MRI and DTI Measures. <i>Twin Research and Human Genetics</i> , 2012, 15, 419-441.	0.6	40
36	Imaging predictors of remission to anti-depressant medications in major depressive disorder. <i>Journal of Affective Disorders</i> , 2015, 186, 134-144.	4.1	38

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37	Thalamic volume and thalamo-cortical white matter tracts correlate with motor and verbal memory performance. <i>NeuroImage</i> , 2014, 91, 77-83.	4.2	36
38	Brain imaging predictors and the international study to predict optimized treatment for depression: study protocol for a randomized controlled trial. <i>Trials</i> , 2013, 14, 224.	1.6	34
39	Tractography of the Brainstem in Major Depressive Disorder Using Diffusion Tensor Imaging. <i>PLoS ONE</i> , 2014, 9, e84825.	2.5	33
40	Altered gray matter organization in children and adolescents with ADHD: a structural covariance connectome study. <i>Translational Psychiatry</i> , 2016, 6, e947-e947.	4.8	32
41	Potential structural and functional biomarkers of upper motor neuron dysfunction in ALS. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2016, 17, 85-92.	1.7	32
42	EEG connectivity between the subgenual anterior cingulate and prefrontal cortices in response to antidepressant medication. <i>European Neuropsychopharmacology</i> , 2017, 27, 301-312.	0.7	32
43	“Motoring in idle” The default mode and somatomotor networks are overactive in children and adolescents with functional neurological symptoms. <i>NeuroImage: Clinical</i> , 2018, 18, 730-743.	2.7	32
44	Early Exposure to Traumatic Stressors Impairs Emotional Brain Circuitry. <i>PLoS ONE</i> , 2013, 8, e75524.	2.5	31
45	The genetic and neuroanatomical basis of social dysfunction: Lessons from neurofibromatosis type 1. <i>Human Brain Mapping</i> , 2014, 35, 2372-2382.	3.6	30
46	Amygdala Activation and Connectivity to Emotional Processing Distinguishes Asymptomatic Patients With Bipolar Disorders and Unipolar Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 361-370.	1.5	30
47	Prediction of Nonremission to Antidepressant Therapy Using Diffusion Tensor Imaging. <i>Journal of Clinical Psychiatry</i> , 2016, 77, e436-e443.	2.2	29
48	Default-mode and fronto-parietal network connectivity during rest distinguishes asymptomatic patients with bipolar disorder and major depressive disorder. <i>Translational Psychiatry</i> , 2021, 11, 547.	4.8	29
49	Is the Alzheimer’s disease cortical thickness signature a biological marker for memory?. <i>Brain Imaging and Behavior</i> , 2016, 10, 517-523.	2.1	24
50	Brain functional connectome abnormalities in amyotrophic lateral sclerosis are associated with disability and cortical hyperexcitability. <i>European Journal of Neurology</i> , 2017, 24, 1507-1517.	3.3	23
51	Structural brain network topology underpinning ADHD and response to methylphenidate treatment. <i>Translational Psychiatry</i> , 2021, 11, 150.	4.8	23
52	Cognitive ability is associated with changes in the functional organization of the cognitive control brain network. <i>Human Brain Mapping</i> , 2018, 39, 5028-5038.	3.6	22
53	Investigating the neural basis of cognitive control dysfunction in mood disorders. <i>Bipolar Disorders</i> , 2020, 22, 286-295.	1.9	22
54	Profound and reproducible patterns of reduced regional gray matter characterize major depressive disorder. <i>Translational Psychiatry</i> , 2019, 9, 176.	4.8	21

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55	Gender-specific structural abnormalities in major depressive disorder revealed by fixel-based analysis. <i>NeuroImage: Clinical</i> , 2019, 21, 101668.	2.7	20
56	Characterizing neurocognitive markers of familial risk for depression using multi-modal imaging, behavioral and self-report measures. <i>Journal of Affective Disorders</i> , 2019, 253, 336-342.	4.1	18
57	The distinctive neural circuitry of complex posttraumatic stress disorder during threat processing. <i>Psychological Medicine</i> , 2021, 51, 1121-1128.	4.5	16
58	A negative association between brainstem pontine grey-matter volume, well-being and resilience in healthy twins. <i>Journal of Psychiatry and Neuroscience</i> , 2018, 43, 386-395.	2.4	15
59	Understanding the neural mechanisms of lisdexamfetamine dimesylate (LDX) pharmacotherapy in Binge Eating Disorder (BED): a study protocol. <i>Journal of Eating Disorders</i> , 2019, 7, 23.	2.7	15
60	Intrinsic connectomes underlying response to trauma-focused psychotherapy in post-traumatic stress disorder. <i>Translational Psychiatry</i> , 2020, 10, 270.	4.8	15
61	Reappraisal-related neural predictors of treatment response to cognitive behavior therapy for post-traumatic stress disorder. <i>Psychological Medicine</i> , 2020, 51, 1-11.	4.5	15
62	The functional connectome in posttraumatic stress disorder. <i>Neurobiology of Stress</i> , 2021, 14, 100321.	4.0	15
63	Effects of TORC1 Inhibition during the Early and Established Phases of Polycystic Kidney Disease. <i>PLoS ONE</i> , 2016, 11, e0164193.	2.5	15
64	Chronic effects of dietary vitamin D deficiency without increased calcium supplementation on the progression of experimental polycystic kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, F574-F582.	2.7	14
65	The neural basis of deficient response inhibition in children with neurofibromatosis type 1: Evidence from a functional MRI study. <i>Cortex</i> , 2017, 93, 1-11.	2.4	14
66	The role of progressive oral implant rehabilitation in mastication, cognition and oral health-related quality of life outcomes—A pilot to define the protocol. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 1368-1381.	3.0	14
67	Distinct neural mechanisms of emotional processing in prolonged grief disorder. <i>Psychological Medicine</i> , 2021, 51, 587-595.	4.5	14
68	Pyrrolidine dithiocarbamate reduces the progression of total kidney volume and cyst enlargement in experimental polycystic kidney disease. <i>Physiological Reports</i> , 2014, 2, e12196.	1.7	13
69	Impaired engagement of the ventral attention system in neurofibromatosis type 1. <i>Brain Imaging and Behavior</i> , 2018, 12, 499-508.	2.1	12
70	Effects of methylphenidate on cognition and behaviour in children with neurofibromatosis type 1: a study protocol for a randomised placebo-controlled crossover trial. <i>BMJ Open</i> , 2018, 8, e021800.	1.9	12
71	Investigating neural circuits of emotion regulation to distinguish euthymic patients with bipolar disorder and major depressive disorder. <i>Bipolar Disorders</i> , 2021, 23, 284-294.	1.9	12
72	Abnormal habenula functional connectivity characterizes treatment-resistant depression. <i>NeuroImage: Clinical</i> , 2022, 34, 102990.	2.7	12

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73	Cerebral responses to innocuous somatic pressure stimulation following aerobic exercise rehabilitation in chronic pain patients: a functional magnetic resonance imaging study. <i>International Journal of General Medicine</i> , 2014, 7, 425.	1.8	11
74	Gray Matter Atrophy in the Cerebellum—Evidence of Increased Vulnerability of the Crus and Vermis with Advancing Age. <i>Cerebellum</i> , 2017, 16, 388-397.	2.5	11
75	A Neuroethics Framework for the Australian Brain Initiative. <i>Neuron</i> , 2019, 101, 365-369.	8.1	11
76	Understanding autism spectrum disorder and social functioning in children with neurofibromatosis type 1: protocol for a cross-sectional multimodal study. <i>BMJ Open</i> , 2019, 9, e030601.	1.9	11
77	Brainmarker-I Differentially Predicts Remission to Various Attention-Deficit/Hyperactivity Disorder Treatments: A Discovery, Transfer, and Blinded Validation Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2023, 8, 52-60.	1.5	11
78	Profiling risk for depressive disorder by circuit, behavior and self-report measures of emotion function. <i>Journal of Affective Disorders</i> , 2018, 227, 595-602.	4.1	10
79	Diffusion Tensor Imaging Analysis of Mild Traumatic Brain Injury and Posttraumatic Stress Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 81-90.	1.5	10
80	Differential neural predictors of treatment response for fear and dysphoric features of posttraumatic stress disorder. <i>Depression and Anxiety</i> , 2020, 37, 1026-1036.	4.1	10
81	Neural activity during response inhibition associated with improvement of dysphoric symptoms of PTSD after trauma-focused psychotherapy—an EEG-fMRI study. <i>Translational Psychiatry</i> , 2021, 11, 218.	4.8	10
82	Neurophysiological markers of attention distinguish bipolar disorder and unipolar depression. <i>Journal of Affective Disorders</i> , 2020, 274, 411-419.	4.1	9
83	Intrinsic functional connectivity of the default mode and cognitive control networks relate to change in behavioral performance over two years. <i>Cortex</i> , 2020, 132, 180-190.	2.4	8
84	GSK3B and MAPT Polymorphisms Are Associated with Grey Matter and Intracranial Volume in Healthy Individuals. <i>PLoS ONE</i> , 2013, 8, e71750.	2.5	8
85	The effects of bullying in depression on white matter integrity. <i>Behavioural Brain Research</i> , 2019, 363, 149-154.	2.2	7
86	Altered resting-state neural networks in children and adolescents with functional neurological disorder. <i>NeuroImage: Clinical</i> , 2022, 35, 103110.	2.7	7
87	Neural activity during response inhibition in mild traumatic brain injury and posttraumatic stress disorder. <i>Neurobiology of Stress</i> , 2021, 14, 100308.	4.0	4
88	No support for white matter connectivity differences in the combined and inattentive ADHD presentations. <i>PLoS ONE</i> , 2021, 16, e0245028.	2.5	4
89	Neural correlates of emotional processing in panic disorder. <i>NeuroImage: Clinical</i> , 2021, 32, 102902.	2.7	4
90	Trauma and posttraumatic stress disorder modulate polygenic predictors of hippocampal and amygdala volume. <i>Translational Psychiatry</i> , 2021, 11, 637.	4.8	4

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91	Neural processes during response inhibition in complex posttraumatic stress disorder. <i>Depression and Anxiety</i> , 2022, 39, 307-314.	4.1	4
92	Intrinsic Functional Connectivity in the Default Mode Network Differentiates the Combined and Inattentive Attention Deficit Hyperactivity Disorder Types. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	2.0	4
93	White matter anisotropy and response to cognitive behavior therapy for posttraumatic stress disorder. <i>Translational Psychiatry</i> , 2021, 11, 14.	4.8	3
94	Intrinsic Functional Connectomes Characterize Neuroticism in Major Depressive Disorder and Predict Antidepressant Treatment Outcomes. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 276-284.	1.5	3
95	87. Volume of Sub-Cortical Structures in Posttraumatic Stress Disorder from Multi-Site Investigation by ENIGMA and PGC Consortia. <i>Biological Psychiatry</i> , 2017, 81, S36-S37.	1.3	2
96	T59. Does White Matter Microstructural Integrity Differ in the Combined and Inattentive Subtypes of ADHD? A Diffusion Tensor Imaging Study. <i>Biological Psychiatry</i> , 2018, 83, S151.	1.3	2
97	Negative association between anterior insula activation and resilience during sustained attention: an fMRI twin study. <i>Psychological Medicine</i> , 2023, 53, 3187-3199.	4.5	2
98	Remodeling of the Cortical Structural Connectome in Posttraumatic Stress Disorder: Results From the ENIGMA-PGC Posttraumatic Stress Disorder Consortium. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 935-948.	1.5	2
99	Precision in psychiatry—A roadmap to translate neurobiological measures to the clinic. <i>Bipolar Disorders</i> , 2021, 23, 747-750.	1.9	2
100	247. Structural Networks Characterise Methylphenidate Treatment Response in ADHD. <i>Biological Psychiatry</i> , 2017, 81, S101-S102.	1.3	1
101	253. Functional Connectome Networks Underlying Outcomes of Antidepressant Medication in Major Depressive Disorders. <i>Biological Psychiatry</i> , 2017, 81, S104.	1.3	1
102	Neural Circuits Underlying Treatment-Resistant Depression. <i>Biological Psychiatry</i> , 2020, 87, S311.	1.3	1
103	Cognitive and Executive Contributions to Trail-Making Task Performance on Adolescents With and Without Attention Deficit Hyperactivity Disorder. <i>Journal of Attention Disorders</i> , 2022, 26, 881-892.	2.6	1
104	P.2.c.014 Prediction of antidepressant response in the iSPOT-D trial from baseline fMRI – preliminary findings. <i>European Neuropsychopharmacology</i> , 2012, 22, S258.	0.7	0
105	Emotion circuits differentiate symptoms of psychosis versus mania in adolescents. <i>Neurocase</i> , 2015, 21, 592-600.	0.6	0
106	326. Clustering by Salience Network Activation to Emotional Faces Identifies a Transdiagnostic Subtype that is Associated with Specific Interoceptive Related Symptoms. <i>Biological Psychiatry</i> , 2017, 81, S133-S134.	1.3	0
107	Reply to: Two Methodologies in –Amygdala Activation and Connectivity to Emotional Processing Distinguishes Asymptomatic Patients With Bipolar Disorders and Unipolar Depression–That Can Produce False-Positive Results and Some Statistical Recommendations. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 411-413.	1.5	0
108	Abnormalities in Habenula Functional Connectivity Characterize Treatment-Resistant Depression. <i>Biological Psychiatry</i> , 2021, 89, S352.	1.3	0

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109	Functional and structural connectivity in als: insights from mri connectome analyses and tms. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, e1.17-e1.	1.9	0