Avram J Holmes

List of Publications by Year
in descending order

93	14,411	44444 50	54771 88
papers	citations	h-index	g-index

119	119	119	18434
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Beyond cortex: The evolution of the human brain.. Psychological Review, 2023, 130, 285-307.	2.7	11
2	Greater male than female variability in regional brain structure across the lifespan. Human Brain Mapping, 2022, 43, 470-499.	1.9	76
3	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3â€“90â€‰years. Human Brain Mapping, 2022, 43, 431-451.	1.9	143
4	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3â€“90â€‰years. Human Brain Mapping, 2022, 43, 452-469.	1.9	72
5	Effects of copy number variations on brain structure and risk for psychiatric illness: Largeâ€scale studies from the<scp>ENIGMA</scp>working groups on<scp>CNVs</scp>. Human Brain Mapping, 2022, 43, 300-328.	1.9	30
6	Cross-ethnicity/race generalization failure of behavioral prediction from resting-state functional connectivity. Science Advances, 2022, 8, eabj1812.	4.7	45
7	Anxiety Shapes Amygdala-Prefrontal Dynamics During Movie-Watching. Biological Psychiatry Global Open Science, 2022, , .	1.0	0
8	Threat vigilance and intrinsic amygdala connectivity. Human Brain Mapping, 2022, 43, 3283-3292.	1.9	4
9	Diminished frontal pole size and functional connectivity in young adults with high suicidality. Journal of Affective Disorders, 2022, 310, 484-492.	2.0	8
10	Shared and unique brain network features predict cognitive, personality, and mental health scores in the ABCD study. Nature Communications, 2022, 13, 2217.	5.8	67
11	P526. Toward an Understanding of the Functional Connectomics of Affective and Psychotic Illness. Biological Psychiatry, 2022, 91, S301-S302.	0.7	0
12	Using Large-Scale Datasets to Identify Sex and Age Specific Brain Behavior Relationships. Biological Psychiatry, 2022, 91, S41.	0.7	2
13	Meta-matching as a simple framework to translate phenotypic predictive models from big to small data. Nature Neuroscience, 2022, 25, 795-804.	7.1	29
14	Proportional intracranial volume correction differentially biases behavioral predictions across neuroanatomical features, sexes, and development. NeuroImage, 2022, 260, 119485.	2.1	13
15	Intrinsic Connectivity Patterns of Task-Defined Brain Networks Allow Individual Prediction of Cognitive Symptom Dimension of Schizophrenia and Are Linked to Molecular Architecture. Biological Psychiatry, 2021, 89, 308-319.	0.7	42
16	Altered temporal, but intact spatial, features of transient network dynamics in psychosis. Molecular Psychiatry, 2021, 26, 2493-2503.	4.1	15
17	Deep learning identifies partially overlapping subnetworks in the human social brain. Communications Biology, 2021, 4, 65.	2.0	11
18	Anxious attachment is associated with heightened responsivity of a parietofrontal cortical network that monitors peri-personal space. NeuroImage: Clinical, 2021, 30, 102585.	1.4	11

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19	Heritability of individualized cortical network topography. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	59
20	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. Translational Psychiatry, 2021, 11, 182.	2.4	24
21	Individual-Specific Areal-Level Parcellations Improve Functional Connectivity Prediction of Behavior. Cerebral Cortex, 2021, 31, 4477-4500.	1.6	104
22	Shifting gradients of macroscale cortical organization mark the transition from childhood to adolescence. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	120
23	Decision Models and Technology Can Help Psychiatry Develop Biomarkers. Frontiers in Psychiatry, 2021, 12, 706655.	1.3	9
24	Local and distributed cortical markers of effort expenditure during sustained goal pursuit. NeuroImage, 2021, 244, 118602.	2.1	2
25	Sensory-motor cortices shape functional connectivity dynamics in the human brain. Nature Communications, 2021, 12, 6373.	5.8	48
26	Neuroimaging brain growth charts: A road to mental health. Psychoradiology, 2021, 1, 272-286.	1.0	9
27	Increased amygdala-visual cortex connectivity in youth with persecutory ideation. Psychological Medicine, 2020, 50, 273-283.	2.7	12
28	Toward Robust Anxiety Biomarkers: A Machine Learning Approach in a Large-Scale Sample. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 799-807.	1.1	25
29	Relationships between depressive symptoms and brain responses during emotional movie viewing emerge in adolescence. NeuroImage, 2020, 216, 116217.	2.1	47
30	Deep neural networks and kernel regression achieve comparable accuracies for functional connectivity prediction of behavior and demographics. NeuroImage, 2020, 206, 116276.	2.1	187
31	Elevated Amygdala Activity in Young Adults WithÂFamilial Risk for Depression: A Potential Marker of Low Resilience. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 194-202.	1.1	8
32	Charting brain growth in tandem with brain templates at school age. Science Bulletin, 2020, 65, 1924-1934.	4.3	52
33	Convergent molecular, cellular, and cortical neuroimaging signatures of major depressive disorder. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25138-25149.	3.3	90
34	The default network of the human brain is associated with perceived social isolation. Nature Communications, 2020, 11, 6393.	5.8	108
35	Concepts and Principles of Clinical Functional Magnetic Resonance Imaging. , 2020, , 153-167.		0
36	Linking Emotion Perception Ability to the Neural and Computational Processes Underlying Adaptive Social Functioning. Biological Psychiatry, 2020, 87, S192.	0.7	0

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37	The genetic architecture of the human cerebral cortex. Science, 2020, 367, .	6.0	450
38	Transcriptional and imaging-genetic association of cortical interneurons, brain function, and schizophrenia risk. Nature Communications, 2020, 11, 2889.	5.8	59
39	Spatial Topography of Individual-Specific Cortical Networks Predicts Human Cognition, Personality, and Emotion. Cerebral Cortex, 2019, 29, 2533-2551.	1.6	430
40	Somatosensory-Motor Dysconnectivity Spans Multiple Transdiagnostic Dimensions of Psychopathology. Biological Psychiatry, 2019, 86, 779-791.	0.7	162
41	Functional connectomics of affective and psychotic pathology. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9050-9059.	3.3	134
42	Global signal regression strengthens association between resting-state functional connectivity and behavior. NeuroImage, 2019, 196, 126-141.	2.1	292
43	Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636.	9.4	192
44	A Polygenic Score for Higher Educational Attainment is Associated with Larger Brains. Cerebral Cortex, 2019, 29, 3496-3504.	1.6	36
45	From Stress to Anhedonia: Molecular Processes through Functional Circuits. Trends in Neurosciences, 2019, 42, 23-42.	4.2	72
46	The Myth of Optimality in Clinical Neuroscience. Trends in Cognitive Sciences, 2018, 22, 241-257.	4.0	70
47	Prediction complements explanation in understanding the developing brain. Nature Communications, 2018, 9, 589.	5.8	144
48	Gene expression links functional networks across cortex and striatum. Nature Communications, 2018, 9, 1428.	5.8	110
49	Reply to Risk and Zhu: Mixed-effects modeling as a principled approach to heritability analysis with repeat measurements. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E123-E123.	3.3	0
50	The human cortex possesses a reconfigurable dynamic network architecture that is disrupted in psychosis. Nature Communications, 2018, 9, 1157.	5.8	65
51	Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI. Cerebral Cortex, 2018, 28, 3095-3114.	1.6	1,804
52	Subspecialization within default mode nodes characterized in 10,000 UK Biobank participants. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12295-12300.	3.3	125
53	Is deep learning better than kernel regression for functional connectivity prediction of fluid intelligence?. , 2018, , .		18
54	Novel genetic loci associated with hippocampal volume. Nature Communications, 2017, 8, 13624.	5.8	250

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55	Heritability analysis with repeat measurements and its application to resting-state functional connectivity. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5521-5526.	3.3	122
56	Oxytocin under opioid antagonism leads to supralinear enhancement of social attention. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5247-5252.	3.3	43
57	Individual Differences in Cognitive Control Circuit Anatomy Link Sensation Seeking, Impulsivity, and Substance Use. Journal of Neuroscience, 2016, 36, 4038-4049.	1.7	114
58	Morphometricity as a measure of the neuroanatomical signature of a trait. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5749-56.	3.3	53
59	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	7.1	213
60	Multidimensional heritability analysis of neuroanatomical shape. Nature Communications, 2016, 7, 13291.	5.8	68
61	Polygenic risk of Alzheimer disease is associated with early- and late-life processes. Neurology, 2016, 87, 481-488.	1.5	159
62	Patterns in the human brain mosaic discriminate males from females. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1968.	3.3	134
63	Brain Genomics Superstruct Project initial data release with structural, functional, and behavioral measures. Scientific Data, 2015, 2, 150031.	2.4	318
64	Illness Progression, Recent Stress, and Morphometry of Hippocampal Subfields and Medial Prefrontal Cortex in Major Depression. Biological Psychiatry, 2015, 77, 285-294.	0.7	267
65	Massively expedited genome-wide heritability analysis (MEGHA). Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2479-2484.	3.3	69
66	Common genetic variants influence human subcortical brain structures. Nature, 2015, 520, 224-229.	13.7	772
67	From phenotypic chaos to neurobiological order. Nature Neuroscience, 2015, 18, 1532-1534.	7.1	6
68	Parcellating cortical functional networks in individuals. Nature Neuroscience, 2015, 18, 1853-1860.	7.1	429
69	Disruption of Cortical Association Networks in Schizophrenia and Psychotic Bipolar Disorder. JAMA Psychiatry, 2014, 71, 109.	6.0	332
70	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. Brain Imaging and Behavior, 2014, 8, 153-182.	1.1	696
71	The Human Ortholog of Acid-Sensing Ion Channel Gene ASIC1a Is Associated With Panic Disorder and Amygdala Structure and Function. Biological Psychiatry, 2014, 76, 902-910.	0.7	71
72	An open science resource for establishing reliability and reproducibility in functional connectomics. Scientific Data, 2014, 1, 140049.	2.4	349

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73	Dopamine Genetic Risk Score Predicts Depressive Symptoms in Healthy Adults and Adults with Depression. PLoS ONE, 2014, 9, e93772.	1.1	71
74	Neural responses to negative feedback are related to negative emotionality in healthy adults. Social Cognitive and Affective Neuroscience, 2012, 7, 794-803.	1.5	81
75	Individual Differences in Amygdala-Medial Prefrontal Anatomy Link Negative Affect, Impaired Social Functioning, and Polygenic Depression Risk. Journal of Neuroscience, 2012, 32, 18087-18100.	1.7	250
76	Identification of common variants associated with human hippocampal and intracranial volumes. Nature Genetics, 2012, 44, 552-561.	9.4	594
77	Variation in TREK1 gene linked to depressionâ€resistant phenotype is associated with potentiated neural responses to rewards in humans. Human Brain Mapping, 2010, 31, 210-221.	1.9	35
78	The Role of Cognitive-Behavioral Therapy and Fluoxetine in Prevention of Recurrence of Major Depressive Disorder. Cognitive Therapy and Research, 2010, 34, 13-23.	1.2	12
79	Neural Substrates of Attentional Bias for Smoking-Related Cues: An fMRI Study. Neuropsychopharmacology, 2010, 35, 2339-2345.	2.8	122
80	Serotonin Transporter Genotype and Action Monitoring Dysfunction: A Possible Substrate Underlying Increased Vulnerability to Depression. Neuropsychopharmacology, 2010, 35, 1186-1197.	2.8	48
81	Brain Reactivity to Smoking Cues Prior to Smoking Cessation Predicts Ability to Maintain Tobacco Abstinence. Biological Psychiatry, 2010, 67, 722-729.	0.7	371
82	Reduced Caudate and Nucleus Accumbens Response to Rewards in Unmedicated Individuals With Major Depressive Disorder. American Journal of Psychiatry, 2009, 166, 702-710.	4.0	1,003
83	Childhood Adversity Is Associated with Left Basal Ganglia Dysfunction During Reward Anticipation in Adulthood. Biological Psychiatry, 2009, 66, 206-213.	0.7	282
84	Response conflict and frontocingulate dysfunction in unmedicated participants with major depression. Neuropsychologia, 2008, 46, 2904-2913.	0.7	125
85	Implicit depression and hopelessness in remitted depressed individuals. Behaviour Research and Therapy, 2008, 46, 1078-1084.	1.6	33
86	Dissociable recruitment of rostral anterior cingulate and inferior frontal cortex in emotional response inhibition. NeuroImage, 2008, 42, 988-997.	2.1	97
87	Individual differences in reinforcement learning: Behavioral, electrophysiological, and neuroimaging correlates. NeuroImage, 2008, 42, 807-816.	2.1	115
88	Spatiotemporal Dynamics of Error Processing Dysfunctions in Major Depressive Disorder. Archives of General Psychiatry, 2008, 65, 179.	13.8	246
89	Enhanced negative feedback responses in remitted depression. NeuroReport, 2008, 19, 1045-1048.	0.6	86
90	Task feedback effects on conflict monitoring and executive control: Relationship to subclinical measures of depression.. Emotion, 2007, 7, 68-76.	1.5	90

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91	Extreme response style in recurrent and chronically depressed patients: Change with antidepressant administration and stability during continuation treatment.. Journal of Consulting and Clinical Psychology, 2007, 75, 145-153.	1.6	28
92	Specificity of Prefrontal Dysfunction and Context Processing Deficits to Schizophrenia in Never-Medicated Patients With First-Episode Psychosis. American Journal of Psychiatry, 2005, 162, 475-484.	4.0	301
93	Prefrontal functioning during context processing in schizophrenia and major depression: An event-related fMRI study. Schizophrenia Research, 2005, 76, 199-206.	1.1	128