

Aaron F Alexander-Bloch

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

3,978

citations

28

h-index

63

g-index

100

ext. papers

5,457

ext. citations

5.9

avg, IF

5.55

L-index

#	Paper	IF	Citations
68	Imaging structural co-variance between human brain regions. <i>Nature Reviews Neuroscience</i> , 2013 , 14, 322-36	13.5	569
67	Disrupted modularity and local connectivity of brain functional networks in childhood-onset schizophrenia. <i>Frontiers in Systems Neuroscience</i> , 2010 , 4, 147	3.5	338
66	The convergence of maturational change and structural covariance in human cortical networks. <i>Journal of Neuroscience</i> , 2013 , 33, 2889-99	6.6	294
65	The anatomical distance of functional connections predicts brain network topology in health and schizophrenia. <i>Cerebral Cortex</i> , 2013 , 23, 127-38	5.1	237
64	Simple models of human brain functional networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 5868-73	11.5	232
63	Child psychiatry branch of the National Institute of Mental Health longitudinal structural magnetic resonance imaging study of human brain development. <i>Neuropsychopharmacology</i> , 2015 , 40, 43-9	8.7	208
62	On testing for spatial correspondence between maps of human brain structure and function. <i>NeuroImage</i> , 2018 , 178, 540-551	7.9	162
61	The discovery of population differences in network community structure: new methods and applications to brain functional networks in schizophrenia. <i>NeuroImage</i> , 2012 , 59, 3889-900	7.9	149
60	Impaired long distance functional connectivity and weighted network architecture in Alzheimer's disease. <i>Cerebral Cortex</i> , 2014 , 24, 1422-35	5.1	142
59	Obesity associated with increased brain age from midlife. <i>Neurobiology of Aging</i> , 2016 , 47, 63-70	5.6	122
58	Normative brain size variation and brain shape diversity in humans. <i>Science</i> , 2018 , 360, 1222-1227	33.3	117
57	Differential tangential expansion as a mechanism for cortical gyrification. <i>Cerebral Cortex</i> , 2014 , 24, 2219-28	3.28	109
56	Subtle in-scanner motion biases automated measurement of brain anatomy from in vivo MRI. <i>Human Brain Mapping</i> , 2016 , 37, 2385-97	5.9	104
55	Development of structure-function coupling in human brain networks during youth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 771-778	11.5	97
54	Anatomic magnetic resonance imaging of the developing child and adolescent brain and effects of genetic variation. <i>Neuropsychology Review</i> , 2010 , 20, 349-61	7.7	89
53	Adolescent Tuning of Association Cortex in Human Structural Brain Networks. <i>Cerebral Cortex</i> , 2018 , 28, 281-294	5.1	84
52	Abnormal cortical growth in schizophrenia targets normative modules of synchronized development. <i>Biological Psychiatry</i> , 2014 , 76, 438-46	7.9	84

51	Human brain functional network changes associated with enhanced and impaired attentional task performance. <i>Journal of Neuroscience</i> , 2013 , 33, 5903-14	6.6	84
50	Default mode network abnormalities in posttraumatic stress disorder: A novel network-restricted topology approach. <i>NeuroImage</i> , 2018 , 176, 489-498	7.9	81
49	Volitional eyes opening perturbs brain dynamics and functional connectivity regardless of light input. <i>NeuroImage</i> , 2013 , 69, 21-34	7.9	77
48	Sex-chromosome dosage effects on gene expression in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 7398-7403	11.5	75
47	Individual Variation in Functional Topography of Association Networks in Youth. <i>Neuron</i> , 2020 , 106, 340-353.e861	11.5	61
46	Structural brain development: A review of methodological approaches and best practices. <i>Developmental Cognitive Neuroscience</i> , 2018 , 33, 129-148	5.5	61
45	Waves of Maturation and Senescence in Micro-structural MRI Markers of Human Cortical Myelination over the Lifespan. <i>Cerebral Cortex</i> , 2019 , 29, 1369-1381	5.1	47
44	Childhood Obesity, Cortical Structure, and Executive Function in Healthy Children. <i>Cerebral Cortex</i> , 2020 , 30, 2519-2528	5.1	41
43	Longitudinal Study of Impaired Intra- and Inter-Network Brain Connectivity in Subjects at High Risk for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016 , 52, 913-27	4.3	35
42	Neurodevelopment of the association cortices: Patterns, mechanisms, and implications for psychopathology. <i>Neuron</i> , 2021 , 109, 2820-2846	13.9	34
41	Generative models of rich clubs in Hebbian neuronal networks and large-scale human brain networks. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014 , 369,	5.8	30
40	Independent and reproducible hippocampal radiomic biomarkers for multisite Alzheimer's disease: diagnosis, longitudinal progress and biological basis. <i>Science Bulletin</i> , 2020 , 65, 1103-1113	10.6	27
39	Healthy cortical development through adolescence and early adulthood. <i>Brain Structure and Function</i> , 2017 , 222, 3653-3663	4	23
38	No Alterations of Brain Structural Asymmetry in Major Depressive Disorder: An ENIGMA Consortium Analysis. <i>American Journal of Psychiatry</i> , 2019 , 176, 1039-1049	11.9	21
37	Anatomical coupling among distributed cortical regions in youth varies as a function of individual differences in vocabulary abilities. <i>Human Brain Mapping</i> , 2014 , 35, 1885-95	5.9	17
36	Imaging local genetic influences on cortical folding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 7430-7436	11.5	13
35	IQSEC2 and X-linked syndromal intellectual disability. <i>Psychiatric Genetics</i> , 2016 , 26, 101-8	2.9	13
34	Differential Valuation and Learning From Social and Nonsocial Cues in Borderline Personality Disorder. <i>Biological Psychiatry</i> , 2018 , 84, 838-845	7.9	13

33	Human Cortical Thickness Organized into Genetically-determined Communities across Spatial Resolutions. <i>Cerebral Cortex</i> , 2019 , 29, 106-118	5.1	12
32	Brain charts for the human lifespan		8
31	No Association between Cortical Gyrification or Intrinsic Curvature and Attention-deficit/Hyperactivity Disorder in Adolescents and Young Adults. <i>Frontiers in Neuroscience</i> , 2017 , 11, 218	5.1	7
30	Altered Sex Chromosome Dosage Induces Coordinated Shifts in Cortical Anatomy and Anatomical Covariance. <i>Cerebral Cortex</i> , 2020 , 30, 2215-2228	5.1	7
29	Comparing the Effectiveness of a Guide Booklet to Simulation-Based Training for Management of Acute Agitation. <i>Psychiatric Quarterly</i> , 2019 , 90, 861-869	4.1	5
28	Topology of brain functional connectivity networks in posttraumatic stress disorder. <i>Data in Brief</i> , 2018 , 20, 1658-1675	1.2	5
27	Adolescent tuning of association cortex in human structural brain networks		4
26	Genetic Contributions to Multivariate Data-Driven Brain Networks Constructed via Source-Based Morphometry. <i>Cerebral Cortex</i> , 2020 , 30, 4899-4913	5.1	4
25	Associations of cannabis use disorder with cognition, brain structure, and brain function in African Americans. <i>Human Brain Mapping</i> , 2021 , 42, 1727-1741	5.9	4
24	581. The Default Mode Network in Posttraumatic Stress Disorder (PTSD): A Data-Driven Multimodal Approach. <i>Biological Psychiatry</i> , 2017 , 81, S235	7.9	3
23	A simple permutation-based test of intermodal correspondence. <i>Human Brain Mapping</i> , 2021 , 42, 5175-5187	5.9	3
22	Disconnectionism in Biological Psychiatry. <i>Biological Psychiatry</i> , 2017 , 82, e75-e77	7.9	2
21	Minimal Relationship between Local Gyrification and General Cognitive Ability in Humans. <i>Cerebral Cortex</i> , 2020 , 30, 3439-3450	5.1	2
20	The correspondence problem: which brain maps are significantly similar?		2
19	Pathways to understanding psychosis through rare - 22q11.2DS - and common variants. <i>Current Opinion in Genetics and Development</i> , 2021 , 68, 35-40	4.9	2
18	Searching for Imaging Biomarkers of Psychotic Dysconnectivity. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021 , 6, 1135-1144	3.4	1
17	A developmental reduction of the excitation:inhibition ratio in association cortex during adolescence.. <i>Science Advances</i> , 2022 , 8, eabj8750	14.3	1
16	Lesion covariance networks reveal proposed origins and pathways of diffuse gliomas.. <i>Brain Communications</i> , 2021 , 3, fcab289	4.5	1

15	Development of structure-function coupling in human brain networks during youth		1
14	The architecture of co-morbidity networks of physical and mental health conditions in military veterans. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020 , 476, 20190790	2.4	1
13	Individual Variation in Control Network Topography Supports Executive Function in Youth		1
12	Normative Brain Size Variation and the Remodeling of Brain Shape in Humans		1
11	Lesion covariance networks reveal proposed origins and pathways of diffuse gliomas		1
10	A Developmental Reduction of the Excitation:Inhibition Ratio in Association Cortex during Adolescence		1
9	Evaluation of Attention-Deficit/Hyperactivity Disorder Medications, Externalizing Symptoms, and Suicidality in Children. <i>JAMA Network Open</i> , 2021 , 4, e2111342	10.4	1
8	Dissociable Multi-scale Patterns of Development in Personalized Brain Networks		1
7	Time to Clinical Response in the Treatment of Early Onset Schizophrenia Spectrum Disorders Study. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2021 , 31, 46-52	2.9	1
6	Associations between neighborhood socioeconomic status, parental education, and executive system activation in youth.. <i>Cerebral Cortex</i> , 2022 ,	5.1	1
5	Dissociable multi-scale patterns of development in personalized brain networks.. <i>Nature Communications</i> , 2022 , 13, 2647	17.4	1
4	Developmental coupling of cerebral blood flow and fMRI fluctuations in youth.. <i>Cell Reports</i> , 2022 , 38, 110576	10.6	0
3	A Descriptive Review of the Impact of Patient Motion in Early Childhood Resting-State Functional Magnetic Resonance Imaging. <i>Diagnostics</i> , 2022 , 12, 1032	3.8	0
2	NIMG-31. PROPOSED ORIGINS AND PATHWAYS OF DIFFUSE GLIOMAS REVEALED BY LESION COVARIANCE NETWORKS. <i>Neuro-Oncology</i> , 2021 , 23, vi135-vi135	1	
1	Missed Connections: A Network Approach to Understanding Psychiatric Illness. <i>Biological Psychiatry</i> , 2018 , 84, e9-e11	7.9	