Aaron F Alexander-Bloch

List of Publications by Year in Descending Order

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	A developmental reduction of the excitation:inhibition ratio in association cortex during adolescence.. *Science Advances*, **2022**, 8, eabj8750	14.3	1
67	Associations between neighborhood socioeconomic status, parental education, and executive system activation in youth.. *Cerebral Cortex*, **2022**,	5.1	1
66	Developmental coupling of cerebral blood flow and fMRI fluctuations in youth.. *Cell Reports*, **2022**, 38, 110576	10.6	0
65	A Descriptive Review of the Impact of Patient Motion in Early Childhood Resting-State Functional Magnetic Resonance Imaging. *Diagnostics*, **2022**, 12, 1032	3.8	0
64	Dissociable multi-scale patterns of development in personalized brain networks.. *Nature Communications*, **2022**, 13, 2647	17.4	1
63	Searching for Imaging Biomarkers of Psychotic Dysconnectivity. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2021**, 6, 1135-1144	3.4	1
62	Lesion covariance networks reveal proposed origins and pathways of diffuse gliomas.. *Brain Communications*, **2021**, 3, fcab289	4.5	1
61	NIMG-31. PROPOSED ORIGINS AND PATHWAYS OF DIFFUSE GLIOMAS REVEALED BY LESION COVARIANCE NETWORKS. *Neuro-Oncology*, **2021**, 23, vi135-vi135	1	
60	Pathways to understanding psychosis through rare - 22q11.2DS - and common variants. *Current Opinion in Genetics and Development*, **2021**, 68, 35-40	4.9	2
59	Evaluation of Attention-Deficit/Hyperactivity Disorder Medications, Externalizing Symptoms, and Suicidality in Children. *JAMA Network Open*, **2021**, 4, e2111342	10.4	1
58	Time to Clinical Response in the Treatment of Early Onset Schizophrenia Spectrum Disorders Study. *Journal of Child and Adolescent Psychopharmacology*, **2021**, 31, 46-52	2.9	1
57	Neurodevelopment of the association cortices: Patterns, mechanisms, and implications for psychopathology. *Neuron*, **2021**, 109, 2820-2846	13.9	34
56	A simple permutation-based test of intermodal correspondence. *Human Brain Mapping*, **2021**, 42, 5175-5187	5.9	3
55	Associations of cannabis use disorder with cognition, brain structure, and brain function in African Americans. *Human Brain Mapping*, **2021**, 42, 1727-1741	5.9	4
54	Imaging local genetic influences on cortical folding. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 7430-7436	11.5	13
53	Minimal Relationship between Local Gyrification and General Cognitive Ability in Humans. *Cerebral Cortex*, **2020**, 30, 3439-3450	5.1	2
52	Individual Variation in Functional Topography of Association Networks in Youth. *Neuron*, **2020**, 106, 340-353.e8	13.9	61

51	Independent and reproducible hippocampal radiomic biomarkers for multisite Alzheimer's disease: diagnosis, longitudinal progress and biological basis. *Science Bulletin*, **2020**, 65, 1103-1113	10.6	27
50	The architecture of co-morbidity networks of physical and mental health conditions in military veterans. *Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences*, **2020**, 476, 20190790	2.4	1
49	Childhood Obesity, Cortical Structure, and Executive Function in Healthy Children. *Cerebral Cortex*, **2020**, 30, 2519-2528	5.1	41
48	Development of structure-function coupling in human brain networks during youth. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 771-778	11.5	97
47	Altered Sex Chromosome Dosage Induces Coordinated Shifts in Cortical Anatomy and Anatomical Covariance. *Cerebral Cortex*, **2020**, 30, 2215-2228	5.1	7
46	Genetic Contributions to Multivariate Data-Driven Brain Networks Constructed via Source-Based Morphometry. *Cerebral Cortex*, **2020**, 30, 4899-4913	5.1	4
45	Comparing the Effectiveness of a Guide Booklet to Simulation-Based Training for Management of Acute Agitation. *Psychiatric Quarterly*, **2019**, 90, 861-869	4.1	5
44	No Alterations of Brain Structural Asymmetry in Major Depressive Disorder: An ENIGMA Consortium Analysis. *American Journal of Psychiatry*, **2019**, 176, 1039-1049	11.9	21
43	Waves of Maturation and Senescence in Micro-structural MRI Markers of Human Cortical Myelination over the Lifespan. *Cerebral Cortex*, **2019**, 29, 1369-1381	5.1	47
42	Human Cortical Thickness Organized into Genetically-determined Communities across Spatial Resolutions. *Cerebral Cortex*, **2019**, 29, 106-118	5.1	12
41	Default mode network abnormalities in posttraumatic stress disorder: A novel network-restricted topology approach. *NeuroImage*, **2018**, 176, 489-498	7.9	81
40	Adolescent Tuning of Association Cortex in Human Structural Brain Networks. *Cerebral Cortex*, **2018**, 28, 281-294	5.1	84
39	Differential Valuation and Learning From Social and Nonsocial Cues in Borderline Personality Disorder. *Biological Psychiatry*, **2018**, 84, 838-845	7.9	13
38	Structural brain development: A review of methodological approaches and best practices. *Developmental Cognitive Neuroscience*, **2018**, 33, 129-148	5.5	61
37	Topology of brain functional connectivity networks in posttraumatic stress disorder. *Data in Brief*, **2018**, 20, 1658-1675	1.2	5
36	Normative brain size variation and brain shape diversity in humans. *Science*, **2018**, 360, 1222-1227	33.3	117
35	On testing for spatial correspondence between maps of human brain structure and function. *NeuroImage*, **2018**, 178, 540-551	7.9	162
34	Sex-chromosome dosage effects on gene expression in humans. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 7398-7403	11.5	75

33	Missed Connections: A Network Approach to Understanding Psychiatric Illness. *Biological Psychiatry*, **2018**, 84, e9-e11	7.9	
32	Healthy cortical development through adolescence and early adulthood. *Brain Structure and Function*, **2017**, 222, 3653-3663	4	23
31	Disconnectionism in Biological Psychiatry. *Biological Psychiatry*, **2017**, 82, e75-e77	7.9	2
30	581. The Default Mode Network in Posttraumatic Stress Disorder (PTSD): A Data-Driven Multimodal Approach. *Biological Psychiatry*, **2017**, 81, S235	7.9	3
29	No Association between Cortical Gyrification or Intrinsic Curvature and Attention-deficit/Hyperactivity Disorder in Adolescents and Young Adults. *Frontiers in Neuroscience*, **2017**, 11, 218	5.1	7
28	IQSEC2 and X-linked syndromal intellectual disability. *Psychiatric Genetics*, **2016**, 26, 101-8	2.9	13
27	Subtle in-scanner motion biases automated measurement of brain anatomy from in vivo MRI. *Human Brain Mapping*, **2016**, 37, 2385-97	5.9	104
26	Longitudinal Study of Impaired Intra- and Inter-Network Brain Connectivity in Subjects at High Risk for Alzheimer's Disease. *Journal of Alzheimer's Disease*, **2016**, 52, 913-27	4.3	35
25	Obesity associated with increased brain age from midlife. *Neurobiology of Aging*, **2016**, 47, 63-70	5.6	122
24	Child psychiatry branch of the National Institute of Mental Health longitudinal structural magnetic resonance imaging study of human brain development. *Neuropsychopharmacology*, **2015**, 40, 43-9	8.7	208
23	Impaired long distance functional connectivity and weighted network architecture in Alzheimer's disease. *Cerebral Cortex*, **2014**, 24, 1422-35	5.1	142
22	Generative models of rich clubs in Hebbian neuronal networks and large-scale human brain networks. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2014**, 369,	5.8	30
21	Abnormal cortical growth in schizophrenia targets normative modules of synchronized development. *Biological Psychiatry*, **2014**, 76, 438-46	7.9	84
20	Differential tangential expansion as a mechanism for cortical gyrification. *Cerebral Cortex*, **2014**, 24, 2219-28	5.1	109
19	Anatomical coupling among distributed cortical regions in youth varies as a function of individual differences in vocabulary abilities. *Human Brain Mapping*, **2014**, 35, 1885-95	5.9	17
18	The anatomical distance of functional connections predicts brain network topology in health and schizophrenia. *Cerebral Cortex*, **2013**, 23, 127-38	5.1	237
17	The convergence of maturational change and structural covariance in human cortical networks. *Journal of Neuroscience*, **2013**, 33, 2889-99	6.6	294
16	Volitional eyes opening perturbs brain dynamics and functional connectivity regardless of light input. *NeuroImage*, **2013**, 69, 21-34	7.9	77

15	Imaging structural co-variance between human brain regions. *Nature Reviews Neuroscience*, **2013**, 14, 322-36	13.5	569
14	Human brain functional network changes associated with enhanced and impaired attentional task performance. *Journal of Neuroscience*, **2013**, 33, 5903-14	6.6	84
13	Simple models of human brain functional networks. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 5868-73	11.5	232
12	The discovery of population differences in network community structure: new methods and applications to brain functional networks in schizophrenia. *NeuroImage*, **2012**, 59, 3889-900	7.9	149
11	Disrupted modularity and local connectivity of brain functional networks in childhood-onset schizophrenia. *Frontiers in Systems Neuroscience*, **2010**, 4, 147	3.5	338
10	Anatomic magnetic resonance imaging of the developing child and adolescent brain and effects of genetic variation. *Neuropsychology Review*, **2010**, 20, 349-61	7.7	89
9	Development of structure-function coupling in human brain networks during youth		1
8	The correspondence problem: which brain maps are significantly similar?		2
7	Individual Variation in Control Network Topography Supports Executive Function in Youth		1
6	Adolescent tuning of association cortex in human structural brain networks		4
5	Normative Brain Size Variation and the Remodeling of Brain Shape in Humans		1
4	Lesion covariance networks reveal proposed origins and pathways of diffuse gliomas		1
3	A Developmental Reduction of the Excitation:Inhibition Ratio in Association Cortex during Adolescence		1
2	Brain charts for the human lifespan		8
1	Dissociable Multi-scale Patterns of Development in Personalized Brain Networks		1