

Armin Raznahan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4762766/publications.pdf>

Version: 2024-02-01

116
papers

9,929
citations

61984

43
h-index

48315

88
g-index

145
all docs

145
docs citations

145
times ranked

10588
citing authors

#	ARTICLE	IF	CITATIONS
1	IQ Modulates Coupling Between Diverse Dimensions of Psychopathology in Children and Adolescents. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2023, 62, 59-73.	0.5	3
2	Atlas of lesion locations and postsurgical seizure freedom in focal cortical dysplasia: A MELD study. <i>Epilepsia</i> , 2022, 63, 61-74.	5.1	36
3	Comparing Copy Number Variations in a Danish Case Cohort of Individuals With Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2022, 79, 59.	11.0	24
4	Developmental coupling of cerebral blood flow and fMRI fluctuations in youth. <i>Cell Reports</i> , 2022, 38, 110576.	6.4	23
5	Variegation of autism related traits across seven neurogenetic disorders. <i>Translational Psychiatry</i> , 2022, 12, 149.	4.8	5
6	Voxelwise intermodal coupling analysis of two or more modalities using local covariance decomposition. <i>Human Brain Mapping</i> , 2022, 43, 4650-4663.	3.6	4
7	Convergence and Divergence of Rare Genetic Disorders on Brain Phenotypes. <i>JAMA Psychiatry</i> , 2022, 79, 818.	11.0	12
8	A local group differences test for subject-level multivariate density neuroimaging outcomes. <i>Biostatistics</i> , 2021, 22, 646-661.	1.5	1
9	X-chromosome regulation and sex differences in brain anatomy. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 120, 28-47.	6.1	32
10	The Heritability of Cortical Folding: Evidence from the Human Connectome Project. <i>Cerebral Cortex</i> , 2021, 31, 702-715.	2.9	20
11	Sex-specific associations between subcortical morphometry in childhood and adult alcohol consumption: A 17-year follow-up study. <i>NeuroImage: Clinical</i> , 2021, 31, 102771.	2.7	2
12	Characterization of mice bearing humanized androgen receptor genes (h/mAr) varying in polymorphism length. <i>NeuroImage</i> , 2021, 226, 117594.	4.2	0
13	Considering Sex as a Biological Variable in Basic and Clinical Studies: An Endocrine Society Scientific Statement. <i>Endocrine Reviews</i> , 2021, 42, 219-258.	20.1	61
14	Dissecting autism and schizophrenia through neuroimaging genomics. <i>Brain</i> , 2021, 144, 1943-1957.	7.6	37
15	Modeling familial predictors of proband outcomes in neurogenetic disorders: initial application in XYY syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 12.	3.1	3
16	Examining the Boundary Sharpness Coefficient as an Index of Cortical Microstructure in Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2021, 31, 3338-3352.	2.9	14
17	Morphological integration of the human brain across adolescence and adulthood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	23
18	Resting-State Functional Connectivity and Psychopathology in Klinefelter Syndrome (47, XXY). <i>Cerebral Cortex</i> , 2021, 31, 4180-4190.	2.9	4

#	ARTICLE	IF	CITATIONS
19	Sex Chromosome Dosage Effects on White Matter Structure in the Human Brain. <i>Cerebral Cortex</i> , 2021, 31, 5339-5353.	2.9	4
20	X-chromosome influences on neuroanatomical variation in humans. <i>Nature Neuroscience</i> , 2021, 24, 1216-1224.	14.8	26
21	Regional White Matter Scaling in the Human Brain. <i>Journal of Neuroscience</i> , 2021, 41, 7015-7028.	3.6	5
22	Neurodevelopment of the association cortices: Patterns, mechanisms, and implications for psychopathology. <i>Neuron</i> , 2021, 109, 2820-2846.	8.1	272
23	A simple permutation-based test of intermodal correspondence. <i>Human Brain Mapping</i> , 2021, 42, 5175-5187.	3.6	16
24	Towards Deciphering the Fetal Foundation of Normal Cognition and Cognitive Symptoms From Sulcation of the Cortex. <i>Frontiers in Neuroanatomy</i> , 2021, 15, 712862.	1.7	17
25	Patterns of psychopathology and cognition in sex chromosome aneuploidy. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 61.	3.1	5
26	Large-scale analyses of the relationship between sex, age and intelligence quotient heterogeneity and cortical morphometry in autism spectrum disorder. <i>Molecular Psychiatry</i> , 2020, 25, 614-628.	7.9	141
27	Sex-biased trajectories of amygdalo-hippocampal morphology change over human development. <i>NeuroImage</i> , 2020, 204, 116122.	4.2	28
28	The genetics of cortical myelination in young adults and its relationships to cerebral surface area, cortical thickness, and intelligence: A magnetic resonance imaging study of twins and families. <i>NeuroImage</i> , 2020, 206, 116319.	4.2	22
29	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.	7.1	296
30	Altered Sex Chromosome Dosage Induces Coordinated Shifts in Cortical Anatomy and Anatomical Covariance. <i>Cerebral Cortex</i> , 2020, 30, 2215-2228.	2.9	7
31	Integrative structural, functional, and transcriptomic analyses of sex-biased brain organization in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18788-18798.	7.1	113
32	Editorial: Do Different Neurogenetic Disorders Impart Different Profiles of Psychiatric Risk?. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2020, 59, 1022-1024.	0.5	2
33	Development of Microstructural and Morphological Cortical Profiles in the Neonatal Brain. <i>Cerebral Cortex</i> , 2020, 30, 5767-5779.	2.9	42
34	Sex chromosome aneuploidy alters the relationship between neuroanatomy and cognition. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2020, 184, 493-505.	1.6	10
35	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.	7.1	24
36	Transcriptomic and cellular decoding of regional brain vulnerability to neurogenetic disorders. <i>Nature Communications</i> , 2020, 11, 3358.	12.8	141

#	ARTICLE	IF	CITATIONS
37	Individual Variation in Functional Topography of Association Networks in Youth. <i>Neuron</i> , 2020, 106, 340-353.e8.	8.1	162
38	Greater cortical thickness in individuals with ASD. <i>Molecular Psychiatry</i> , 2020, 25, 507-508.	7.9	3
39	Reciprocal Copy Number Variations at 22q11.2 Produce Distinct and Convergent Neurobehavioral Impairments Relevant for Schizophrenia and Autism Spectrum Disorder. <i>Biological Psychiatry</i> , 2020, 88, 260-272.	1.3	35
40	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.	2.1	3
41	Sex differences in the developing brain: insights from multimodal neuroimaging. <i>Neuropsychopharmacology</i> , 2019, 44, 71-85.	5.4	227
42	In vivo epigenetic editing of Sema6a promoter reverses transcallosal dysconnectivity caused by C11orf46/Arl14ep risk gene. <i>Nature Communications</i> , 2019, 10, 4112.	12.8	34
43	A framework for the investigation of rare genetic disorders in neuropsychiatry. <i>Nature Medicine</i> , 2019, 25, 1477-1487.	30.7	90
44	The Dynamic Associations Between Cortical Thickness and General Intelligence are Genetically Mediated. <i>Cerebral Cortex</i> , 2019, 29, 4743-4752.	2.9	42
45	Cortical patterning of abnormal morphometric similarity in psychosis is associated with brain expression of schizophrenia-related genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9604-9609.	7.1	200
46	A Comprehensive Quantitative Genetic Analysis of Cerebral Surface Area in Youth. <i>Journal of Neuroscience</i> , 2019, 39, 3028-3040.	3.6	30
47	Longitudinally Mapping Childhood Socioeconomic Status Associations with Cortical and Subcortical Morphology. <i>Journal of Neuroscience</i> , 2019, 39, 1365-1373.	3.6	127
48	HiCTMap: Detection and analysis of chromosome territory structure and position by high-throughput imaging. <i>Methods</i> , 2018, 142, 30-38.	3.8	12
49	Morphometric Similarity Networks Detect Microscale Cortical Organization and Predict Inter-Individual Cognitive Variation. <i>Neuron</i> , 2018, 97, 231-247.e7.	8.1	307
50	Attenuated resting-state functional connectivity in patients with childhood- and adult-onset schizophrenia. <i>Schizophrenia Research</i> , 2018, 197, 219-225.	2.0	22
51	Phonemic and Semantic Verbal Fluency in Sex Chromosome Aneuploidy: Contrasting the Effects of Supernumerary X versus Y Chromosomes on Performance. <i>Journal of the International Neuropsychological Society</i> , 2018, 24, 917-927.	1.8	4
52	Characterization of autism spectrum disorder and neurodevelopmental profiles in youth with XYY syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2018, 10, 30.	3.1	23
53	Normative brain size variation and brain shape diversity in humans. <i>Science</i> , 2018, 360, 1222-1227.	12.6	194
54	On testing for spatial correspondence between maps of human brain structure and function. <i>NeuroImage</i> , 2018, 178, 540-551.	4.2	441

#	ARTICLE	IF	CITATIONS
55	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.	7.1	139
56	Genetics-First Approaches in Biological Psychiatry. Biological Psychiatry, 2018, 84, 234-235.	1.3	8
57	The Genetic Contributions to Maturational Coupling in the Human Cerebrum: A Longitudinal Pediatric Twin Imaging Study. Cerebral Cortex, 2018, 28, 3184-3191.	2.9	9
58	Effects of human sex chromosome dosage on spatial chromosome organization. Molecular Biology of the Cell, 2018, 29, 2458-2469.	2.1	17
59	Neuroanatomical phenotypes in mental illness: identifying convergent and divergent cortical phenotypes across autism, ADHD and schizophrenia. Journal of Psychiatry and Neuroscience, 2018, 43, 201-212.	2.4	59
60	Sulcal Polymorphisms of the IFC and ACC Contribute to Inhibitory Control Variability in Children and Adults. ENeuro, 2018, 5, ENEURO.0197-17.2018.	1.9	25
61	Carriage of Supernumerary Sex Chromosomes Decreases the Volume and Alters the Shape of Limbic Structures. ENeuro, 2018, 5, ENEURO.0265-18.2018.	1.9	20
62	Studying neuroanatomy using MRI. Nature Neuroscience, 2017, 20, 314-326.	14.8	220
63	Development of the Cerebral Cortex across Adolescence: A Multisample Study of Inter-Related Longitudinal Changes in Cortical Volume, Surface Area, and Thickness. Journal of Neuroscience, 2017, 37, 3402-3412.	3.6	496
64	Divergence of Age-Related Differences in Social-Communication: Improvements for Typically Developing Youth but Declines for Youth with Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2017, 47, 472-479.	2.7	13
65	Allometric Analysis Detects Brain Size-Independent Effects of Sex and Sex Chromosome Complement on Human Cerebellar Organization. Journal of Neuroscience, 2017, 37, 5221-5231.	3.6	65
66	Spatial gene expression analysis of neuroanatomical differences in mouse models. NeuroImage, 2017, 163, 220-230.	4.2	18
67	Subtle in-scanner motion biases automated measurement of brain anatomy from in vivo MRI. Human Brain Mapping, 2016, 37, 2385-2397.	3.6	154
68	Subject-level measurement of local cortical coupling. NeuroImage, 2016, 133, 88-97.	4.2	23
69	Structural brain development between childhood and adulthood: Convergence across four longitudinal samples. NeuroImage, 2016, 141, 273-281.	4.2	427
70	Influences of Brain Size, Sex, and Sex Chromosome Complement on the Architecture of Human Cortical Folding. Cerebral Cortex, 2016, 27, 5557-5567.	2.9	31
71	Longitudinal stability of the folding pattern of the anterior cingulate cortex during development. Developmental Cognitive Neuroscience, 2016, 19, 122-127.	4.0	62
72	Cortical thickness change in autism during early childhood. Human Brain Mapping, 2016, 37, 2616-2629.	3.6	41

#	ARTICLE	IF	CITATIONS
73	Globally Divergent but Locally Convergent X- and Y-Chromosome Influences on Cortical Development. <i>Cerebral Cortex</i> , 2016, 26, 70-79.	2.9	71
74	An Allometric Analysis of Sex and Sex Chromosome Dosage Effects on Subcortical Anatomy in Humans. <i>Journal of Neuroscience</i> , 2016, 36, 2438-2448.	3.6	64
75	Disrupted sensorimotor and social cognitive networks underlie symptoms in childhood-onset schizophrenia. <i>Brain</i> , 2016, 139, 276-291.	7.6	95
76	Dissociations in Cortical Morphometry in Youth with Down Syndrome: Evidence for Reduced Surface Area but Increased Thickness. <i>Cerebral Cortex</i> , 2016, 26, 2982-2990.	2.9	56
77	Triangulating the sexually dimorphic brain through high-resolution neuroimaging of murine sex chromosome aneuploidies. <i>Brain Structure and Function</i> , 2015, 220, 3581-3593.	2.3	21
78	Striatal shape abnormalities as novel neurodevelopmental endophenotypes in schizophrenia: A longitudinal study. <i>Human Brain Mapping</i> , 2015, 36, 1458-1469.	3.6	65
79	Mapping the Stability of Human Brain Asymmetry across Five Sex-Chromosome Aneuploidies. <i>Journal of Neuroscience</i> , 2015, 35, 140-145.	3.6	25
80	Topologically Dissociable Patterns of Development of the Human Cerebral Cortex. <i>Journal of Neuroscience</i> , 2015, 35, 599-609.	3.6	103
81	DUF1220 copy number is linearly associated with increased cognitive function as measured by total IQ and mathematical aptitude scores. <i>Human Genetics</i> , 2015, 134, 67-75.	3.8	34
82	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, 43-49.	5.4	259
83	Longitudinal four-dimensional mapping of subcortical anatomy in human development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1592-1597.	7.1	278
84	Trail making test performance in youth varies as a function of anatomical coupling between the prefrontal cortex and distributed cortical regions. <i>Frontiers in Psychology</i> , 2014, 5, 496.	2.1	22
85	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, 1885-1895.	3.6	26
86	Sizing Up the Search for Autism Spectrum Disorder (ASD) Risk Markers During Prenatal and Early Postnatal Life. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2014, 53, 1045-1047.	0.5	3
87	Mapping the Development of the Basal Ganglia in Children With Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2014, 53, 780-789.e11.	0.5	108
88	Performing label-fusion-based segmentation using multiple automatically generated templates. <i>Human Brain Mapping</i> , 2013, 34, 2635-2654.	3.6	311
89	Improved corpus callosum area measurements by analysis of adjoining parasagittal slices. <i>Psychiatry Research - Neuroimaging</i> , 2013, 211, 221-225.	1.8	6
90	Compared to What? Early Brain Overgrowth in Autism and the Perils of Population Norms. <i>Biological Psychiatry</i> , 2013, 74, 563-575.	1.3	107

#	ARTICLE	IF	CITATIONS
91	High resolution whole brain imaging of anatomical variation in XO, XX, and XY mice. <i>NeuroImage</i> , 2013, 83, 962-968.	4.2	35
92	Mapping cortical anatomy in preschool aged children with autism using surface-based morphometry. <i>NeuroImage: Clinical</i> , 2013, 2, 111-119.	2.7	41
93	The Convergence of Maturation Change and Structural Covariance in Human Cortical Networks. <i>Journal of Neuroscience</i> , 2013, 33, 2889-2899.	3.6	417
94	Prenatal growth in humans and postnatal brain maturation into late adolescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11366-11371.	7.1	167
95	Distinct Cortical Correlates of Autistic versus Antisocial Traits in a Longitudinal Sample of Typically Developing Youth. <i>Journal of Neuroscience</i> , 2012, 32, 4856-4860.	3.6	61
96	Reply to Segal: Are relationships between birth weight and intelligence quotient variation within twin pairs modulated by patterns of handedness discordance?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E3294-E3294.	7.1	1
97	Autism Risk Gene <i>MET</i> Variation and Cortical Thickness in Typically Developing Children and Adolescents. <i>Autism Research</i> , 2012, 5, 434-439.	3.8	35
98	DUF1220-Domain Copy Number Implicated in Human Brain-Size Pathology and Evolution. <i>American Journal of Human Genetics</i> , 2012, 91, 444-454.	6.2	113
99	Review: magnetic resonance imaging of male/female differences in human adolescent brain anatomy. <i>Biology of Sex Differences</i> , 2012, 3, 19.	4.1	246
100	Allelic Variation Within the Putative Autism Spectrum Disorder Risk Gene <i>HMEOBX1</i> and Cerebellar Maturation in Typically Developing Children and Adolescents. <i>Autism Research</i> , 2012, 5, 93-100.	3.8	11
101	Catechol-o-methyl transferase (COMT) val158met polymorphism and adolescent cortical development in patients with childhood-onset schizophrenia, their non-psychotic siblings, and healthy controls. <i>NeuroImage</i> , 2011, 57, 1517-1523.	4.2	45
102	Patterns of Coordinated Anatomical Change in Human Cortical Development: A Longitudinal Neuroimaging Study of Maturation Coupling. <i>Neuron</i> , 2011, 72, 873-884.	8.1	286
103	Common functional polymorphisms of DISC1 and cortical maturation in typically developing children and adolescents. <i>Molecular Psychiatry</i> , 2011, 16, 917-926.	7.9	39
104	How Does Your Cortex Grow?. <i>Journal of Neuroscience</i> , 2011, 31, 7174-7177.	3.6	613
105	Cortical Anatomy in Autism Spectrum Disorder: An In Vivo MRI Study on the Effect of Age. <i>Cerebral Cortex</i> , 2010, 20, 1332-1340.	2.9	151
106	Longitudinally mapping the influence of sex and androgen signaling on the dynamics of human cortical maturation in adolescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16988-16993.	7.1	247
107	Cortical anatomy in human X monosomy. <i>NeuroImage</i> , 2010, 49, 2915-2923.	4.2	59
108	A functional polymorphism of the brain derived neurotrophic factor gene and cortical anatomy in autism spectrum disorder. <i>Journal of Neurodevelopmental Disorders</i> , 2009, 1, 215-223.	3.1	37

#	ARTICLE	IF	CITATIONS
109	Serotonin transporter genotype and neuroanatomy in autism spectrum disorders. <i>Psychiatric Genetics</i> , 2009, 19, 147-150.	1.1	19
110	Development of Cortical Asymmetry in Typically Developing Children and Its Disruption in Attention-Deficit/Hyperactivity Disorder. <i>Archives of General Psychiatry</i> , 2009, 66, 888.	12.3	205
111	Neurostructural Endophenotypes In Autism Spectrum Disorder. , 2009, , 145-169.		1
112	Autism spectrum disorder in childhood. <i>Medicine</i> , 2008, 36, 489-492.	0.4	5
113	Biological markers of intellectual disability in tuberous sclerosis. <i>Psychological Medicine</i> , 2007, 37, 1293-1304.	4.5	39
114	Are dopamine antagonists a risk factor for breast cancer? An answer from Parkinson's disease. <i>Breast</i> , 2003, 12, 280-282.	2.2	18
115	A Strategy of "Combination Chemotherapy" in Alzheimer's Disease: Rationale and Preliminary Results with Physostigmine plus Deprenyl. <i>International Psychogeriatrics</i> , 1992, 4, 291-309.	1.0	18
116	Structural Brain Magnetic Resonance Imaging of Typically Developing Children and Adolescents. , 0, , 23-40.		2