

Alexander Kolevzon

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

12,563
citations

94433

37
h-index

48315

88
g-index

100
all docs

100
docs citations

100
times ranked

16261
citing authors

#	ARTICLE	IF	CITATIONS
1	Synaptic, transcriptional and chromatin genes disrupted in autism. <i>Nature</i> , 2014, 515, 209-215.	27.8	2,254
2	Functional impact of global rare copy number variation in autism spectrum disorders. <i>Nature</i> , 2010, 466, 368-372.	27.8	1,803
3	Large-Scale Exome Sequencing Study Implicates Both Developmental and Functional Changes in the Neurobiology of Autism. <i>Cell</i> , 2020, 180, 568-584.e23.	28.9	1,422
4	Autism genome-wide copy number variation reveals ubiquitin and neuronal genes. <i>Nature</i> , 2009, 459, 569-573.	27.8	1,270
5	Convergence of Genes and Cellular Pathways Dysregulated in Autism Spectrum Disorders. <i>American Journal of Human Genetics</i> , 2014, 94, 677-694.	6.2	819
6	A genome-wide scan for common alleles affecting risk for autism. <i>Human Molecular Genetics</i> , 2010, 19, 4072-4082.	2.9	538
7	Prenatal and Perinatal Risk Factors for Autism. <i>JAMA Pediatrics</i> , 2007, 161, 326.	3.0	420
8	Individual common variants exert weak effects on the risk for autism spectrum disorders. <i>Human Molecular Genetics</i> , 2012, 21, 4781-4792.	2.9	334
9	Prospective investigation of autism and genotype-phenotype correlations in 22q13 deletion syndrome and SHANK3 deficiency. <i>Molecular Autism</i> , 2013, 4, 18.	4.9	278
10	Rates, distribution and implications of postzygotic mosaic mutations in autism spectrum disorder. <i>Nature Neuroscience</i> , 2017, 20, 1217-1224.	14.8	212
11	Effects of oxytocin on recollections of maternal care and closeness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21371-21375.	7.1	207
12	A novel approach of homozygous haplotype sharing identifies candidate genes in autism spectrum disorder. <i>Human Genetics</i> , 2012, 131, 565-579.	3.8	180
13	Delineation of the genetic and clinical spectrum of Phelan-McDermid syndrome caused by SHANK3 point mutations. <i>Molecular Autism</i> , 2018, 9, 31.	4.9	152
14	Selective Serotonin Reuptake Inhibitors in Autism. <i>Journal of Clinical Psychiatry</i> , 2006, 67, 407-414.	2.2	150
15	Intranasal Oxytocin in Children and Adolescents with Autism Spectrum Disorder. <i>New England Journal of Medicine</i> , 2021, 385, 1462-1473.	27.0	149
16	Phelan-McDermid syndrome: a review of the literature and practice parameters for medical assessment and monitoring. <i>Journal of Neurodevelopmental Disorders</i> , 2014, 6, 39.	3.1	122
17	A pilot controlled trial of insulin-like growth factor-1 in children with Phelan-McDermid syndrome. <i>Molecular Autism</i> , 2014, 5, 54.	4.9	109
18	Psychopharmacology of Aggression in Children and Adolescents with Autism: A Critical Review of Efficacy and Tolerability. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2008, 18, 157-178.	1.3	103

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19	In vivo 1H-magnetic resonance spectroscopy study of the attentional networks in autism. <i>Brain Research</i> , 2011, 1380, 198-205.	2.2	98
20	Autonomic and brain responses associated with empathy deficits in autism spectrum disorder. <i>Human Brain Mapping</i> , 2015, 36, 3323-3338.	3.6	84
21	Phelan-McDermid Syndrome and SHANK3: Implications for Treatment. <i>Neurotherapeutics</i> , 2015, 12, 620-630.	4.4	83
22	Functional deficits of the attentional networks in autism. <i>Brain and Behavior</i> , 2012, 2, 647-660.	2.2	73
23	Abnormal autonomic and associated brain activities during rest in autism spectrum disorder. <i>Brain</i> , 2014, 137, 153-171.	7.6	70
24	Phenotypic and functional analysis of SHANK3 stop mutations identified in individuals with ASD and/or ID. <i>Molecular Autism</i> , 2015, 6, 23.	4.9	68
25	Dynamical features in fetal and postnatal zinc-copper metabolic cycles predict the emergence of autism spectrum disorder. <i>Science Advances</i> , 2018, 4, eaat1293.	10.3	67
26	The therapeutic potential of insulin-like growth factor-1 in central nervous system disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 63, 207-222.	6.1	66
27	Prospective investigation of FOXP1 syndrome. <i>Molecular Autism</i> , 2017, 8, 57.	4.9	65
28	Phelan McDermid Syndrome. <i>Journal of Child Neurology</i> , 2015, 30, 1861-1870.	1.4	62
29	A clinician-administered observation and corresponding caregiver interview capturing DSM-5 sensory reactivity symptoms in children with ASD. <i>Autism Research</i> , 2017, 10, 1133-1140.	3.8	59
30	Examining the Efficacy of a Family Peer Advocate Model for Black and Hispanic Caregivers of Children with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2017, 47, 1314-1322.	2.7	58
31	Altered tactile processing in children with autism spectrum disorder. <i>Autism Research</i> , 2016, 9, 616-620.	3.8	56
32	Psychiatric illness and regression in individuals with Phelan-McDermid syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2020, 12, 7.	3.1	51
33	A Double-Blind, Randomized, Placebo-Controlled Clinical Study of Trofinetide in the Treatment of Fragile X Syndrome. <i>Pediatric Neurology</i> , 2020, 110, 30-41.	2.1	50
34	Measuring Sensory Reactivity in Autism Spectrum Disorder: Application and Simplification of a Clinician-Administered Sensory Observation Scale. <i>Journal of Autism and Developmental Disorders</i> , 2016, 46, 287-293.	2.7	49
35	Familial symptom domains in monozygotic siblings with autism. <i>American Journal of Medical Genetics Part A</i> , 2004, 129B, 76-81.	2.4	48
36	Neuropsychiatric decompensation in adolescents and adults with Phelan-McDermid syndrome: a systematic review of the literature. <i>Molecular Autism</i> , 2019, 10, 50.	4.9	47

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37	The 5-HT 2A receptor and serotonin transporter in Asperger's Disorder: A PET study with [11 C]MDL 100907 and [11 C]DASB. <i>Psychiatry Research - Neuroimaging</i> , 2011, 194, 230-234.	1.8	41
38	Relationship between whole blood serotonin and repetitive behaviors in autism. <i>Psychiatry Research</i> , 2010, 175, 274-276.	3.3	39
39	Brief Report: The Autism Mental Status Examination: Development of a Brief Autism-Focused Exam. <i>Journal of Autism and Developmental Disorders</i> , 2012, 42, 455-459.	2.7	38
40	Association of Antidepressant Medication Use During Pregnancy With Intellectual Disability in Offspring. <i>JAMA Psychiatry</i> , 2017, 74, 1031.	11.0	34
41	The SOFIA Study: Negative Multi-center Study of Low Dose Fluoxetine on Repetitive Behaviors in Children and Adolescents with Autistic Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 3233-3244.	2.7	33
42	Episignatures Stratifying Helsmoortel-Van Der Aa Syndrome Show Modest Correlation with Phenotype. <i>American Journal of Human Genetics</i> , 2020, 107, 555-563.	6.2	32
43	Strong evidence for genotypeâ€“phenotype correlations in Phelan-McDermid syndrome: results from the developmental synaptopathies consortium. <i>Human Molecular Genetics</i> , 2022, 31, 625-637.	2.9	32
44	Heightened brain response to pain anticipation in highâ€“functioning adults with autism spectrum disorder. <i>European Journal of Neuroscience</i> , 2018, 47, 592-601.	2.6	31
45	Advancing paternal age and simplex autism. <i>Autism</i> , 2012, 16, 367-380.	4.1	29
46	Analysis of a purported SHANK3 mutation in a boy with autism: Clinical impact of rare variant research in neurodevelopmental disabilities. <i>Brain Research</i> , 2011, 1380, 98-105.	2.2	28
47	Characterization of the Statistical Signatures of Micro-Movements Underlying Natural Gait Patterns in Children with Phelan McDermid Syndrome: Towards Precision-Phenotyping of Behavior in ASD. <i>Frontiers in Integrative Neuroscience</i> , 2016, 10, 22.	2.1	27
48	Prospective and detailed behavioral phenotyping in DDX3X syndrome. <i>Molecular Autism</i> , 2021, 12, 36.	4.9	25
49	FOXP1 syndrome: a review of the literature and practice parameters for medical assessment and monitoring. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 18.	3.1	24
50	The Pharmacological Treatment of Bipolar Disorder: The Question of Modern Advances. <i>Harvard Review of Psychiatry</i> , 2010, 18, 266-278.	2.1	23
51	Rapid and Objective Assessment of Neural Function in Autism Spectrum Disorder Using Transient Visual Evoked Potentials. <i>PLoS ONE</i> , 2016, 11, e0164422.	2.5	22
52	The Autism Mental Status Exam: Sensitivity and Specificity Using DSM-5 Criteria for Autism Spectrum Disorder in Verbally Fluent Adults. <i>Journal of Autism and Developmental Disorders</i> , 2014, 44, 609-614.	2.7	19
53	Neural selectivity for communicative auditory signals in Phelan-McDermid syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2016, 8, 5.	3.1	19
54	Volumetric Analysis of the Basal Ganglia and Cerebellar Structures in Patients with Phelan-McDermid Syndrome. <i>Pediatric Neurology</i> , 2019, 90, 37-43.	2.1	19

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55	Effects of Season of Birth on Autism Spectrum Disorders: Fact or Fiction?. American Journal of Psychiatry, 2006, 163, 1288.	7.2	19
56	Complex autism spectrum disorder in a patient with a 17q12 microduplication. American Journal of Medical Genetics, Part A, 2012, 158A, 1170-1177.	1.2	17
57	Language ENvironment Analysis (LENA) in Phelan-McDermid Syndrome: Validity and Suggestions for Use in Minimally Verbal Children with Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2017, 47, 1605-1617.	2.7	17
58	The neurobiology of the Prader-Willi phenotype of fragile X syndrome. Intractable and Rare Diseases Research, 2016, 5, 255-261.	0.9	16
59	Individuals with FOXP1 syndrome present with a complex neurobehavioral profile with high rates of ADHD, anxiety, repetitive behaviors, and sensory symptoms. Molecular Autism, 2021, 12, 61.	4.9	16
60	Cancer risk in individuals with intellectual disability in Sweden: A population-based cohort study. PLoS Medicine, 2021, 18, e1003840.	8.4	16
61	Sensory Reactivity Phenotype in Phelan-McDermid Syndrome Is Distinct from Idiopathic ASD. Genes, 2021, 12, 977.	2.4	15
62	Rationale, design, and methods of the Autism Centers of Excellence (ACE) network Study of Oxytocin in Autism to improve Reciprocal Social Behaviors (SOARS-B). Contemporary Clinical Trials, 2020, 98, 106103.	1.8	14
63	Psychometric Study of the Social Responsiveness Scale in Phelan-McDermid Syndrome. Autism Research, 2020, 13, 1383-1396.	3.8	14
64	A Simplified Diagnostic Observational Assessment of Autism Spectrum Disorder in Early Childhood. Autism Research, 2016, 9, 443-449.	3.8	13
65	Sensory Reactivity Symptoms Are a Core Feature of ADNP Syndrome Irrespective of Autism Diagnosis. Genes, 2021, 12, 351.	2.4	13
66	Prenatal and perinatal metabolic risk factors for autism: a review and integration of findings from population-based studies. Current Opinion in Psychiatry, 2021, 34, 94-104.	6.3	13
67	Does Early Mentorship in Child and Adolescent Psychiatry Make a Difference? The Klingenstein Third-Generation Foundation Medical Student Fellowship Program. Academic Psychiatry, 2013, 37, 321.	0.9	12
68	Development of an adapted Clinical Global Impression scale for use in Angelman syndrome. Journal of Neurodevelopmental Disorders, 2021, 13, 3.	3.1	12
69	Self-injury in autism spectrum disorder: An effect of serotonin transporter gene promoter variants. Psychiatry Research, 2014, 220, 987-990.	3.3	11
70	Detecting Autism Spectrum Disorder in Children With ADHD and Social Disability. Journal of Attention Disorders, 2020, 24, 1078-1084.	2.6	11
71	A randomized controlled trial of intranasal oxytocin in Phelan-McDermid syndrome. Molecular Autism, 2021, 12, 62.	4.9	11
72	Clinical trial of insulin-like growth factor-1 in Phelan-McDermid syndrome. Molecular Autism, 2022, 13, 17.	4.9	11

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73	Neurocognitive Outcomes from Memantine: A Pilot, Double-Blind, Placebo-Controlled Trial in Children with Autism Spectrum Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2021, 31, 475-484.	1.3	10
74	Diffusion Tensor Imaging Abnormalities in the Uncinate Fasciculus and Inferior Longitudinal Fasciculus in Phelan-McDermid Syndrome. <i>Pediatric Neurology</i> , 2020, 106, 24-31.	2.1	9
75	Shifted phase of EEG cross-frequency coupling in individuals with Phelan-McDermid syndrome. <i>Molecular Autism</i> , 2021, 12, 29.	4.9	9
76	OUP accepted manuscript. <i>Human Molecular Genetics</i> , 2022, , .	2.9	8
77	Social visual attentional engagement and memory in Phelan-McDermid syndrome and autism spectrum disorder: a pilot eye tracking study. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 58.	3.1	8
78	Parent-reported measure of repetitive behavior in Phelan-McDermid syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 53.	3.1	6
79	Learning to Detect Brain Lesions from Noisy Annotations. , 2020, 2020, 1910-1914.		5
80	Reduced engagement of visual attention in children with autism spectrum disorder. <i>Autism</i> , 2021, 25, 2064-2073.	4.1	5
81	Visual Evoked Potential Abnormalities in Phelan-McDermid Syndrome. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2022, 61, 565-574.e1.	0.5	5
82	Neural Markers of Auditory Response and Habituation in Phelan-McDermid Syndrome. <i>Frontiers in Neuroscience</i> , 2022, 16, 815933.	2.8	5
83	A proof-of-concept study of growth hormone in children with Phelan-McDermid syndrome. <i>Molecular Autism</i> , 2022, 13, 6.	4.9	4
84	Intra-topic latency as an automated behavioral marker of treatment response in autism spectrum disorder. <i>Scientific Reports</i> , 2022, 12, 3255.	3.3	3
85	A Rare Case of Anti-N-methyl-D-aspartate Receptor Encephalitis in an Adolescent. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2013, 23, 502-506.	1.3	2
86	T185. Electrophysiological Evidence of Auditory Habituation Abnormalities in Young Adults With Phelan-McDermid Syndrome. <i>Biological Psychiatry</i> , 2018, 83, S200.	1.3	2
87	The Immersive Theater Experience for Individuals with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 1073-1080.	2.7	1
88	T63. Parsing Attention Dysfunction in Children With Autism Spectrum Disorder and Attention Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2018, 83, S153.	1.3	0
89	Assessing the utility of electronic measures as a proxy for cognitive ability. <i>Autism Research</i> , 0, , .	3.8	0