Dimitrios Avramopoulos

List of Publications by Year
in descending order

76	5,888	136950 32	91884 69
papers	citations	h-index	g-index

83	83	83	11965
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genome-wide association meta-analysis in 269,867 individuals identifies new genetic and functional links to intelligence. Nature Genetics, 2018, 50, 912-919.	21.4	893
2	The Genetic Basis of Mendelian Phenotypes: Discoveries, Challenges, and Opportunities. American Journal of Human Genetics, 2015, 97, 199-215.	6.2	574
3	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. Nature Communications, 2018, 9, 2098.	12.8	484
4	Bipolar I Disorder and Schizophrenia: A 440â€“Single-Nucleotide Polymorphism Screen of 64 Candidate Genes among Ashkenazi Jewish Case-Parent Trios. American Journal of Human Genetics, 2005, 77, 918-936.	6.2	358
5	Linear models enable powerful differential activity analysis in massively parallel reporter assays. BMC Genomics, 2019, 20, 209.	2.8	322
6	Results of a high-resolution genome screen of 437 Alzheimer's Disease families. Human Molecular Genetics, 2003, 12, 23-32.	2.9	304
7	Genomeâ€wide association study of schizophrenia in Ashkenazi Jews. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2015, 168, 649-659.	1.7	203
8	Insights into genetics, human biology and disease gleaned from family based genomic studies. Genetics in Medicine, 2019, 21, 798-812.	2.4	161
9	Mitotic errors in somatic cells cause trisomy 21 in about 4.5% of cases and are not associated with advanced maternal age. Nature Genetics, 1993, 3, 146-150.	21.4	138
10	Impact of Schizophrenia Candidate Genes on Schizotypy and Cognitive Endophenotypes at the Population Level. Biological Psychiatry, 2007, 62, 784-792.	1.3	124
11	Structural variants caused by Alu insertions are associated with risks for many human diseases. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3984-E3992.	7.1	113
12	Genetics of Alzheimer's disease: recent advances. Genome Medicine, 2009, 1, 34.	8.2	112
13	Large-Scale Cognitive GWAS Meta-Analysis Reveals Tissue-Specific Neural Expression and Potential Nootropic Drug Targets. Cell Reports, 2017, 21, 2597-2613.	6.4	103
14	Recurrent 10q22-q23 Deletions: A Genomic Disorder on 10q Associated with Cognitive and Behavioral Abnormalities. American Journal of Human Genetics, 2007, 80, 938-947.	6.2	101
15	Infection and Inflammation in Schizophrenia and Bipolar Disorder: A Genome Wide Study for Interactions with Genetic Variation. PLoS ONE, 2015, 10, e0116696.	2.5	92
16	Pleiotropic Meta-Analysis of Cognition, Education, and Schizophrenia Differentiates Roles of Early Neurodevelopmental and Adult Synaptic Pathways. American Journal of Human Genetics, 2019, 105, 334-350.	6.2	86
17	Fine Mapping on Chromosome 10q22-q23 Implicates Neuregulin 3 in Schizophrenia. American Journal of Human Genetics, 2009, 84, 21-34.	6.2	81
18	Recent Advances in the Genetics of Schizophrenia. Molecular Neuropsychiatry, 2018, 4, 35-51.	2.9	81

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19	Exome Sequencing in 53 Sporadic Cases of Schizophrenia Identifies 18 Putative Candidate Genes. PLoS ONE, 2014, 9, e112745.	2.5	79
20	Screening Human Embryos for Polygenic Traits Has Limited Utility. Cell, 2019, 179, 1424-1435.e8.	28.9	78
21	Allele-specific open chromatin in human iPSC neurons elucidates functional disease variants. Science, 2020, 369, 561-565.	12.6	77
22	Familiality of Novel Factorial Dimensions of Schizophrenia. Archives of General Psychiatry, 2009, 66, 591.	12.3	71
23	Effect of Schizotypy on Cognitive Performance and Its Tuning by COMT val158 Met Genotype Variations in a Large Population of Young Men. Biological Psychiatry, 2007, 61, 845-853.	1.3	66
24	Preliminary Report on the Feasibility and Efficacy of the Modified Atkins Diet for Treatment of Mild Cognitive Impairment and Early Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2019, 68, 969-981.	2.6	66
25	Evidence for parent of origin effect in late-onset Alzheimer disease. American Journal of Medical Genetics Part A, 2002, 114, 679-686.	2.4	61
26	Functional Characterization of Schizophrenia-Associated Variation in CACNA1C. PLoS ONE, 2016, 11, e0157086.	2.5	61
27	Genome-wide linkage analysis of 723 affected relative pairs with late-onset Alzheimer's disease. Human Molecular Genetics, 2007, 16, 2703-2712.	2.9	52
28	Common genetic variation and schizophrenia polygenic risk influence neurocognitive performance in young adulthood. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2015, 168, 392-401.	1.7	52
29	Neuroglobin and Alzheimer's dementia: Genetic association and gene expression changes. Neurobiology of Aging, 2010, 31, 1835-1842.	3.1	51
30	Gene expression reveals overlap between normal aging and Alzheimer's disease genes. Neurobiology of Aging, 2011, 32, 2319.e27-2319.e34.	3.1	45
31	Homologous loci DXYS156X and DXYS156Y contain a polymorphic pentanucleotide repeat (TAAAA)n and map to human X and Y chromosomes. Human Mutation, 1994, 4, 208-211.	2.5	42
32	Assessment of incidental findings in 232 whole-exome sequences from the Baylorâ€“Hopkins Center for Mendelian Genomics. Genetics in Medicine, 2015, 17, 782-788.	2.4	41
33	Gene-Environment Interactions in Schizophrenia: A Literature Review. Genes, 2021, 12, 1850.	2.4	40
34	Functional Variants in DPYSL2 Sequence Increase Risk of Schizophrenia and Suggest a Link to mTOR Signaling. G3: Genes, Genomes, Genetics, 2015, 5, 61-72.	1.8	39
35	Stress-Dependent Association Between Polygenic Risk for Schizophrenia and Schizotypal Traits in Young Army Recruits. Schizophrenia Bulletin, 2018, 44, 338-347.	4.3	33
36	New targets for monitoring and therapy in Barth syndrome. Genetics in Medicine, 2016, 18, 1001-1010.	2.4	32

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37	Stage II follow-up on a linkage scan for bipolar disorder in the Ashkenazim provides suggestive evidence for chromosome 12p and the GRIN2B gene. Genetics in Medicine, 2007, 9, 745-751.	2.4	31
38	A screen of 1,049 schizophrenia and 30 Alzheimer'sâ€associated variants for regulatory potential. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2020, 183, 61-73.	1.7	31
39	Neuregulin 3 and its roles in schizophrenia risk and presentation. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2018, 177, 257-266.	1.7	28
40	Escitalopram for agitation in Alzheimer's disease (Sâ€CitAD): Methods and design of an investigatorâ€initiated, randomized, controlled, multicenter clinical trial. Alzheimer's and Dementia, 2019, 15, 1427-1436.	0.8	28
41	Neuregulin 3 Knockout Mice Exhibit Behaviors Consistent with Psychotic Disorders. Molecular Neuropsychiatry, 2016, 2, 79-87.	2.9	27
42	Linkage to chromosome 14q in Alzheimer's disease (AD) patients without psychotic symptoms. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2005, 132B, 9-13.	1.7	26
43	Further evidence of a maternal parent-of-origin effect on chromosome 10 in late-onset Alzheimer's disease. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2006, 141B, 537-540.	1.7	26
44	Linkage and association on 8p21.2-p21.1 in schizophrenia. , 2011, 156, 188-197.		26
45	Genome-wide association study in two populations to determine genetic variants associated with Toxoplasma gondii infection and relationship to schizophrenia risk. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 92, 133-147.	4.8	26
46	Modeling Psychiatric Disorder Biology with Stem Cells. Current Psychiatry Reports, 2020, 22, 24.	4.5	25
47	Thorase variants are associated with defects in glutamatergic neurotransmission that can be rescued by Perampanel. Science Translational Medicine, 2017, 9, .	12.4	20
48	Linkage mapping of the cystathionine ?-synthase (CBS) gene on human chromosome 21 using a DNA polymorphism in the 3? untranslated region. Human Genetics, 1993, 90, 566-8.	3.8	19
49	Bipolar disorder ANK3 risk variant effect on sustained attention is replicated in a large healthy population. Psychiatric Genetics, 2012, 22, 210-213.	1.1	18
50	Publicly Available hiPSC Lines with Extreme Polygenic Risk Scores for Modeling Schizophrenia. Complex Psychiatry, 2020, 6, 68-82.	0.9	18
51	Positron emission tomography imaging of serotonin degeneration and beta-amyloid deposition in late-life depression evaluated with multi-modal partial least squares. Translational Psychiatry, 2021, 11, 473.	4.8	18
52	Fine mapping of the chromosome 10q11-q21 linkage region in Alzheimer's disease cases and controls. Neurogenetics, 2010, 11, 335-348.	1.4	17
53	Schizophrenia-Related Neuregulin-1 Single-Nucleotide Polymorphisms Lead to Deficient Smooth Eye Pursuit in a Large Sample of Young Men. Schizophrenia Bulletin, 2011, 37, 822-831.	4.3	16
54	Molecular imaging of beta-amyloid deposition in late-life depression. Neurobiology of Aging, 2021, 101, 85-93.	3.1	15

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55	Genetics of Psychiatric Disorders Methods: Molecular Approaches. Psychiatric Clinics of North America, 2010, 33, 1-13.	1.3	14
56	Identification and Functional Studies of Regulatory Variants Responsible for the Association of <i>NRG3</i> with a Delusion Phenotype in Schizophrenia. Molecular Neuropsychiatry, 2015, 1, 36-46.	2.9	14
57	A population pharmacokinetic model for R- and S-citalopram and desmethylcitalopram in Alzheimerâ€™s disease patients with agitation. Journal of Pharmacokinetics and Pharmacodynamics, 2016, 43, 99-109.	1.8	14
58	Transcriptome analysis of human induced excitatory neurons supports a strong effect of clozapine on cholesterol biosynthesis. Schizophrenia Research, 2021, 228, 324-326.	2.0	13
59	Identifying nootropic drug targets via large-scale cognitive GWAS and transcriptomics. Neuropsychopharmacology, 2021, 46, 1788-1801.	5.4	12
60	HLA typing using genome wide data reveals susceptibility types for infections in a psychiatric disease enriched sample. Brain, Behavior, and Immunity, 2018, 70, 203-213.	4.1	10
61	A novel gene derived from a segmental duplication shows perturbed expression in Alzheimerâ€™s disease. Neurogenetics, 2007, 8, 111-120.	1.4	8
62	Citalopram for the Treatment of Agitation in Alzheimer Dementia. Journal of Geriatric Psychiatry and Neurology, 2016, 29, 59-64.	2.3	8
63	Brain activation in offspring of AD cases corresponds to 10q linkage. Annals of Neurology, 2005, 58, 142-146.	5.3	7
64	Improving the Utility of Polygenic Risk Scores as a Biomarker for Alzheimerâ€™s Disease. Cells, 2021, 10, 1627.	4.1	7
65	Testing groups of genomic locations for enrichment in disease loci using linkage scan data: A method for hypothesis testing. Human Genomics, 2006, 2, 345-52.	2.9	6
66	Polygenic risk scores differentiate schizophrenia patients with toxoplasma gondii compared to toxoplasma seronegative patients. Comprehensive Psychiatry, 2021, 107, 152236.	3.1	5
67	Familial monophasic acute transverse myelitis due to the pathogenic variant in VPS37A. Neurology: Genetics, 2018, 4, e213.	1.9	4
68	Transcriptomic data of Clozapine-treated Ngn2-induced Human Excitatory Neurons. Data in Brief, 2021, 35, 106897.	1.0	4
69	Multi-Trait Analysis of GWAS and Biological Insights Into Cognition: A Response to Hill (2018). Twin Research and Human Genetics, 2018, 21, 394-397.	0.6	3
70	Schizophrenia risk alleles often affect the expression of many genes and each gene may have a different effect on the risk: A mediation analysis. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2021, 186, 251-258.	1.7	3
71	Genetics of Psychiatric Disorders Methods: Molecular Approaches. Clinics in Laboratory Medicine, 2010, 30, 815-827.	1.4	2
72	Affected Sib-Pair Analyses Identify Signaling Networks Associated With Social Behavioral Deficits in Autism. Frontiers in Genetics, 2019, 10, 1186.	2.3	2

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73	Developing Treatments for Alzheimerâ€™s and Related Disorders with Precision Medicine: A Vision. Advances in Experimental Medicine and Biology, 2021, 1339, 395-402.	1.6	2
74	Introduction to epigenetics in psychiatry. , 2021, , 3-24.		1
75	CRISPR Del/Rei: a simple, flexible, and efficient pipeline for scarless genome editing. Scientific Reports, 2022, 12, .	3.3	1
76	S184. IN SILICO PREDICTION OF T-CELL-MEDIATED MOLECULAR MIMICRY IN TOXOPLASMOSIS AND SCHIZOPHRENIA. Schizophrenia Bulletin, 2020, 46, S108-S108.	4.3	0