Jaeyoon Chung

List of Publications by Year
in descending order

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Version: 2024-02-01

53	2,431	331538	254106
papers	citations	21 h-index	43 g-index

58	58	58	3678
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New insights into the genetic etiology of Alzheimerâ€™s disease and related dementias. Nature Genetics, 2022, 54, 412-436.	9.4	700
2	A novel Alzheimer disease locus located near the gene encoding tau protein. Molecular Psychiatry, 2016, 21, 108-117.	4.1	260
3	Whole exome sequencing study identifies novel rare and common Alzheimerâ€™s-Associated variants involved in immune response and transcriptional regulation. Molecular Psychiatry, 2020, 25, 1859-1875.	4.1	191
4	Transethnic genomeâ€wide scan identifies novel Alzheimer's disease loci. Alzheimer's and Dementia, 2017, 13, 727-738.	0.4	166
5	Novel Alzheimer Disease Risk Loci and Pathways in African American Individuals Using the African Genome Resources Panel. JAMA Neurology, 2021, 78, 102.	4.5	144
6	Two novel loci, COBL and SLC10A2, for Alzheimer's disease in African Americans. Alzheimer's and Dementia, 2017, 13, 119-129.	0.4	87
7	Genome-wide association study of cerebral small vessel disease reveals established and novel loci. Brain, 2019, 142, 3176-3189.	3.7	76
8	Genomeâ€wide association study of Alzheimer's disease endophenotypes at prediagnosis stages. Alzheimer's and Dementia, 2018, 14, 623-633.	0.4	64
9	<scp>PLXNA</scp>4 is associated with <scp>A</scp>lzheimer disease and modulates tau phosphorylation. Annals of Neurology, 2014, 76, 379-392.	2.8	60
10	Association of Rare Coding Mutations With Alzheimer Disease and Other Dementias Among Adults of European Ancestry. JAMA Network Open, 2019, 2, e191350.	2.8	58
11	Correlation between Performance of QM/MM Docking and Simple Classification of Binding Sites. Journal of Chemical Information and Modeling, 2009, 49, 2382-2387.	2.5	52
12	A rare missense variant of CASP7 is associated with familial lateâ€onset Alzheimer's disease. Alzheimer's and Dementia, 2019, 15, 441-452.	0.4	39
13	Genetically Elevated <scp>LDL</scp> Associates with Lower Risk of Intracerebral Hemorrhage. Annals of Neurology, 2020, 88, 56-66.	2.8	35
14	Analysis of Whole-Exome Sequencing Data for Alzheimer Disease Stratified by APOE Genotype. JAMA Neurology, 2019, 76, 1099.	4.5	32
15	Genetic overlap and causal inferences between kidney function and cerebrovascular disease. Neurology, 2020, 94, e2581-e2591.	1.5	31
16	Discovery and initial SAR of pyrimidin-4-yl-1H-imidazole derivatives with antiproliferative activity against melanoma cell lines. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 1573-1577.	1.0	30
17	Cell-type-specific expression quantitative trait loci associated with Alzheimer disease in blood and brain tissue. Translational Psychiatry, 2021, 11, 250.	2.4	29
18	Genome-wide pleiotropy analysis of neuropathological traits related to Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2018, 10, 22.	3.0	27

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19	Integrative brain transcriptome analysis links complement component 4 and HSPA2 to the APOE Îµ2 protective effect in Alzheimer disease. Molecular Psychiatry, 2021, 26, 6054-6064.	4.1	27
20	Association of APOE Genotypes and Chronic Traumatic Encephalopathy. JAMA Neurology, 2022, 79, 787.	4.5	27
21	Quantum mechanical scoring for protein docking. Journal of Chemical Physics, 2009, 131, 134108.	1.2	24
22	Comparison of methods for multivariate gene-based association tests for complex diseases using common variants. European Journal of Human Genetics, 2019, 27, 811-823.	1.4	24
23	Cytokine Levels in Human Vitreous in Proliferative Diabetic Retinopathy. Cells, 2021, 10, 1069.	1.8	23
24	Association of Cognitive Function with Amyloid-Î² and Tau Proteins in the Vitreous Humor. Journal of Alzheimer's Disease, 2019, 68, 1429-1438.	1.2	22
25	Genomeâ€wide association and multiâ€omics studies identify MGMT as a novel risk gene for Alzheimer's disease among women. Alzheimer's and Dementia, 2023, 19, 896-908.	0.4	19
26	Protein phosphatase 2A and complement component 4 are linked to the protective effect of APOE É›2 for Alzheimer's disease. Alzheimer's and Dementia, 2022, 18, 2042-2054.	0.4	18
27	A python-based docking program utilizing a receptor bound ligand shape: PythDock. Archives of Pharmacal Research, 2011, 34, 1451-1458.	2.7	16
28	Whole-Genome Sequencing Association Analyses of Stroke and Its Subtypes in Ancestrally Diverse Populations From Trans-Omics for Precision Medicine Project. Stroke, 2021, , STROKEAHA120031792.	1.0	16
29	QM/MM based 3D QSAR models for potent B-Raf inhibitors. Journal of Computer-Aided Molecular Design, 2010, 24, 385-397.	1.3	14
30	Neurofilament light chain in the vitreous humor of the eye. Alzheimer's Research and Therapy, 2020, 12, 111.	3.0	13
31	A comparison of whole genome sequencing with exome sequencing for family-based association studies. BMC Proceedings, 2014, 8, S38.	1.8	12
32	Structure tuning of pyrazolylpyrrole derivatives as ERK inhibitors utilizing dual tools; 3D-QSAR and side-chain hopping. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4900-4904.	1.0	11
33	3Dâ€QSAR Studies of JNK1 Inhibitors Utilizing Various Alignment Methods. Chemical Biology and Drug Design, 2012, 79, 53-67.	1.5	10
34	Common variants in SOX-2 and congenital cataract genes contribute to age-related nuclear cataract. Communications Biology, 2020, 3, 755.	2.0	10
35	Pharmacophore-based 3D-QSAR of HIF-1 inhibitors. Archives of Pharmacal Research, 2009, 32, 317-323.	2.7	9
36	CpGâ€related SNPs in the MS4A region have a doseâ€dependent effect on risk of lateâ€“onset Alzheimer disease. Aging Cell, 2019, 18, e12964.	3.0	8

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37	Rare Missense Functional Variants at COL4A1 and COL4A2 in Sporadic Intracerebral Hemorrhage. Neurology, 2021, 97, .	1.5	6
38	Influence of Genetic Variation in PDE3A on Endothelial Function and Stroke. Hypertension, 2020, 75, 365-371.	1.3	4
39	In silico binding free energy predictability with Ï€â€“Ï€ interaction energy-augmented scoring function: Benzimidazole Raf inhibitors as a case study. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 3278-3283.	1.0	3
40	Defining Alzheimerâ€™s disease subtypes using polygenic risk scores integrated with genomic and brain transcriptomic profiles. Alzheimer's and Dementia, 2020, 16, e046449.	0.4	3
41	Hologram and Receptor-Guided 3D QSAR Analysis of Anilinobipyridine JNK3 Inhibitors. Bulletin of the Korean Chemical Society, 2009, 30, 2739-2748.	1.0	3
42	Shared genetic background between SARS-CoV-2 infection and large artery stroke. International Journal of Stroke, 2022, , 174749302210956.	2.9	3
43	An efficient analytic approach in genome-wide identification of methylation quantitative trait loci response to fenofibrate treatment. BMC Proceedings, 2018, 12, 44.	1.8	2
44	O5â€04â€02: RARE CODING MUTATIONS ASSOCIATED WITH ALZHEIMER DISEASE AND OTHER DEMENTIAS. Alzheimer's and Dementia, 2018, 14, P1649.	0.4	1
45	[O1â€“11â€“01]: BIVARIATE GENOMEâ€WIDE ASSOCIATION STUDY OF NEUROPATHOLOGIC FEATURES OF ALZHEIMER's DISEASE. Alzheimer's and Dementia, 2017, 13, P217.	0.4	0
46	[O2â€“08â€“04]: NOVEL GENETIC VARIANTS ASSOCIATED WITH FAMILIAL LATEâ€ONSET ALZHEIMER DISEASE IN THE ALZHEIMER's DISEASE SEQUENCING PROJECT. Alzheimer's and Dementia, 2017, 13, P572.	0.4	0
47	O3â€13â€01: HIGHLY PENETRANT LATEâ€ONSET ALZHEIMER DISEASE VARIANTS IN NOTCH3 IN ASHKENAZI JEWS. Alzheimer's and Dementia, 2019, 15, P918.	0.4	0
48	Novel mechanism underlying the APOE Îµ2 protective effect for Alzheimer disease implicated by integrative genome and transcriptome analysis. Alzheimer's and Dementia, 2020, 16, e040065.	0.4	0
49	Mechanism for the protective effect of APOE Îµ2 against Alzheimer disease is linked to tau and the classical complement pathway. Alzheimer's and Dementia, 2020, 16, e044881.	0.4	0
50	Genomeâ€wide interaction study of smoking in Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e046149.	0.4	0
51	Genome wide association study of chronic traumatic encephalopathy. Alzheimer's and Dementia, 2020, 16, e046505.	0.4	0
52	Abstract WMP80: Pleiotropy Analyses Of Between Intracerebral Hemorrhage And Î²-amyloid Related Phenotypes. Stroke, 2022, 53, .	1.0	0
53	Genome-wide association and multi-omics studies identify MGMT as a novel risk gene for Alzheimer disease among women.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e054483.	0.4	0