

# Shubhabrata Mukherjee

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8388705/shubhabrata-mukherjee-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

112  
papers

4,719  
citations

33  
h-index

68  
g-index

143  
ext. papers

6,865  
ext. citations

6.9  
avg, IF

4.77  
L-index

#	Paper	IF	Citations
112	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates A $\beta$ tau, immunity and lipid processing. <i>Nature Genetics</i> , <b>2019</b> , 51, 414-430	36.3	917
111	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , <b>2017</b> , 49, 1373-1384	36.3	508
110	Development and assessment of a composite score for memory in the Alzheimer's Disease Neuroimaging Initiative (ADNI). <i>Brain Imaging and Behavior</i> , <b>2012</b> , 6, 502-16	4.1	303
109	A composite score for executive functioning, validated in Alzheimer's Disease Neuroimaging Initiative (ADNI) participants with baseline mild cognitive impairment. <i>Brain Imaging and Behavior</i> , <b>2012</b> , 6, 517-27	4.1	265
108	Alzheimer's disease: analyzing the missing heritability. <i>PLoS ONE</i> , <b>2013</b> , 8, e79771	3.7	190
107	A novel Alzheimer disease locus located near the gene encoding tau protein. <i>Molecular Psychiatry</i> , <b>2016</b> , 21, 108-17	15.1	175
106	Sex-Specific Association of Apolipoprotein E With Cerebrospinal Fluid Levels of Tau. <i>JAMA Neurology</i> , <b>2018</b> , 75, 989-998	17.2	142
105	Assessment of the genetic variance of late-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2016</b> , 41, 200.e13-200.e20	5.6	119
104	Associations between Potentially Modifiable Risk Factors and Alzheimer Disease: A Mendelian Randomization Study. <i>PLoS Medicine</i> , <b>2015</b> , 12, e1001841; discussion e1001841	11.6	115
103	A statistical framework for cross-tissue transcriptome-wide association analysis. <i>Nature Genetics</i> , <b>2019</b> , 51, 568-576	36.3	108
102	Transethnic genome-wide scan identifies novel Alzheimer's disease loci. <i>Alzheimer's and Dementia</i> , <b>2017</b> , 13, 727-738	1.2	106
101	Imputation and quality control steps for combining multiple genome-wide datasets. <i>Frontiers in Genetics</i> , <b>2014</b> , 5, 370	4.5	90
100	Association of MAPT haplotypes with Alzheimer's disease risk and MAPT brain gene expression levels. <i>Alzheimer's Research and Therapy</i> , <b>2014</b> , 6, 39	9	78
99	Normal-Based Methods for a Gamma Distribution. <i>Technometrics</i> , <b>2008</b> , 50, 69-78	1.4	75
98	Effects of education and race on cognitive decline: An integrative study of generalizability versus study-specific results. <i>Psychology and Aging</i> , <b>2015</b> , 30, 863-880	3.6	68
97	Harmonizing Clinical Sequencing and Interpretation for the eMERGE III Network. <i>American Journal of Human Genetics</i> , <b>2019</b> , 105, 588-605	11	63
96	A Powerful Approach to Estimating Annotation-Stratified Genetic Covariance via GWAS Summary Statistics. <i>American Journal of Human Genetics</i> , <b>2017</b> , 101, 939-964	11	61

95	Inference on Reliability in Two-parameter Exponential Stress-Strength Model. <i>Metrika</i> , <b>2007</b> , 65, 261-273	0.8	59
94	Systematic tissue-specific functional annotation of the human genome highlights immune-related DNA elements for late-onset Alzheimer's disease. <i>PLoS Genetics</i> , <b>2017</b> , 13, e1006933	6	56
93	Genome-wide pathway analysis of memory impairment in the Alzheimer's Disease Neuroimaging Initiative (ADNI) cohort implicates gene candidates, canonical pathways, and networks. <i>Brain Imaging and Behavior</i> , <b>2012</b> , 6, 634-48	4.1	55
92	Evaluation of a Genetic Risk Score to Improve Risk Prediction for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , <b>2016</b> , 53, 921-32	4.3	54
91	Neuropathological and transcriptomic characteristics of the aged brain. <i>ELife</i> , <b>2017</b> , 6,	8.9	50
90	Voxel and surface-based topography of memory and executive deficits in mild cognitive impairment and Alzheimer's disease. <i>Brain Imaging and Behavior</i> , <b>2012</b> , 6, 551-67	4.1	50
89	Genetics of CD33 in Alzheimer's disease and acute myeloid leukemia. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 3557-70	5.6	49
88	Sex-specific genetic predictors of Alzheimer's disease biomarkers. <i>Acta Neuropathologica</i> , <b>2018</b> , 136, 857-872	14.3	48
87	Analysis pipeline for the epistasis search - statistical versus biological filtering. <i>Frontiers in Genetics</i> , <b>2014</b> , 5, 106	4.5	47
86	Genetic-based prediction of disease traits: prediction is very difficult, especially about the future. <i>Frontiers in Genetics</i> , <b>2014</b> , 5, 162	4.5	42
85	Relationship between baseline brain metabolism measured using [ <sup>18</sup> F]FDG PET and memory and executive function in prodromal and early Alzheimer's disease. <i>Brain Imaging and Behavior</i> , <b>2012</b> , 6, 568-83	4.1	40
84	Fine-mapping of the human leukocyte antigen locus as a risk factor for Alzheimer disease: A case-control study. <i>PLoS Medicine</i> , <b>2017</b> , 14, e1002272	11.6	39
83	Calibrating longitudinal cognition in Alzheimer's disease across diverse test batteries and datasets. <i>Neuroepidemiology</i> , <b>2014</b> , 43, 194-205	5.4	36
82	Incidence of cognitively defined late-onset Alzheimer's dementia subgroups from a prospective cohort study. <i>Alzheimer's and Dementia</i> , <b>2017</b> , 13, 1307-1316	1.2	34
81	Local ancestry at APOE modifies Alzheimer's disease risk in Caribbean Hispanics. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 1524-1532	1.2	33
80	Sex differences in the genetic predictors of Alzheimer's pathology. <i>Brain</i> , <b>2019</b> , 142, 2581-2589	11.2	32
79	Explaining differences in episodic memory performance among older African Americans and Whites: the roles of factors related to cognitive reserve and test bias. <i>Journal of the International Neuropsychological Society</i> , <b>2011</b> , 17, 625-38	3.1	32
78	Novel Alzheimer Disease Risk Loci and Pathways in African American Individuals Using the African Genome Resources Panel: A Meta-analysis. <i>JAMA Neurology</i> , <b>2021</b> , 78, 102-113	17.2	32

77	Discovery of gene-gene interactions across multiple independent data sets of late onset Alzheimer disease from the Alzheimer Disease Genetics Consortium. <i>Neurobiology of Aging</i> , <b>2016</b> , 38, 141-150	5.6	31
76	Genetically predicted body mass index and Alzheimer's disease-related phenotypes in three large samples: Mendelian randomization analyses. <i>Alzheimer's and Dementia</i> , <b>2015</b> , 11, 1439-1451	1.2	30
75	Genetic data and cognitively defined late-onset Alzheimer's disease subgroups. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 2942-2951	15.1	27
74	New insights into the genetic etiology of Alzheimer's disease and related dementias.. <i>Nature Genetics</i> , <b>2022</b> ,	36.3	27
73	Genetic variants and functional pathways associated with resilience to Alzheimer's disease. <i>Brain</i> , <b>2020</b> , 143, 2561-2575	11.2	25
72	Gene-based GWAS and biological pathway analysis of the resilience of executive functioning. <i>Brain Imaging and Behavior</i> , <b>2014</b> , 8, 110-8	4.1	24
71	Systems biology approach to late-onset Alzheimer's disease genome-wide association study identifies novel candidate genes validated using brain expression data and <i>Caenorhabditis elegans</i> experiments. <i>Alzheimer's and Dementia</i> , <b>2017</b> , 13, 1133-1142	1.2	23
70	Stroke risk interacts with Alzheimer's disease biomarkers on brain aging outcomes. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 2501-8	5.6	21
69	Genetic architecture of resilience of executive functioning. <i>Brain Imaging and Behavior</i> , <b>2012</b> , 6, 621-33	4.1	18
68	Diabetic Phenotypes and Late-Life Dementia Risk: A Mechanism-specific Mendelian Randomization Study. <i>Alzheimer Disease and Associated Disorders</i> , <b>2016</b> , 30, 15-20	2.5	18
67	Interaction between variants in <i>CLU</i> and <i>MS4A4E</i> modulates Alzheimer's disease risk. <i>Alzheimer's and Dementia</i> , <b>2016</b> , 12, 121-129	1.2	15
66	Transcriptomic stratification of late-onset Alzheimer's cases reveals novel genetic modifiers of disease pathology. <i>PLoS Genetics</i> , <b>2020</b> , 16, e1008775	6	13
65	Differential item functioning due to cognitive status does not impact depressive symptom measures in four heterogeneous samples of older adults. <i>International Journal of Geriatric Psychiatry</i> , <b>2015</b> , 30, 911-8	3.9	11
64	<i>MAPT</i> haplotype-stratified GWAS reveals differential association for AD risk variants. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 983-1002	1.2	11
63	The executive prominent/memory prominent spectrum in Alzheimer's disease is highly heritable. <i>Neurobiology of Aging</i> , <b>2016</b> , 41, 115-121	5.6	10
62	Dysexecutive and amnesic AD subtypes defined by single indicator and modern psychometric approaches: relationships with SNPs in ADNI. <i>Brain Imaging and Behavior</i> , <b>2012</b> , 6, 649-60	4.1	10
61	Genome-wide association study of rate of cognitive decline in Alzheimer's disease patients identifies novel genes and pathways. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 1134-1145	1.2	9
60	Distinct clinicopathologic clusters of persons with TDP-43 proteinopathy. <i>Acta Neuropathologica</i> , <b>2020</b> , 140, 659-674	14.3	9

59	Biobank-wide association scan identifies risk factors for late-onset Alzheimer's disease and endophenotypes		7
58	Alzheimer's disease genetic risk variants beyond APOE4 predict mortality. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2017</b> , 8, 188-195	5.2	5
57	A statistical framework for cross-tissue transcriptome-wide association analysis		5
56	Genetic data and cognitively-defined late-onset Alzheimer's disease subgroups		5
55	Demographic characteristics do not decrease the utility of depressive symptoms assessments: examining the practical impact of item bias in four heterogeneous samples of older adults. <i>International Journal of Geriatric Psychiatry</i> , <b>2015</b> , 30, 88-96	3.9	4
54	Failure to detect synergy between variants in transferrin and hemochromatosis and Alzheimer's disease in large cohort. <i>Neurobiology of Aging</i> , <b>2020</b> , 89, 142.e9-142.e12	5.6	4
53	Associations Between Depression, Traumatic Brain Injury, and Cognitively-Defined Late-Onset Alzheimer's Disease Subgroups. <i>Journal of Alzheimer's Disease</i> , <b>2019</b> , 70, 611-619	4.3	4
52	Modern psychometric methods for estimating physician performance on the Clinician and Group CAHPS survey. <i>Health Services and Outcomes Research Methodology</i> , <b>2013</b> , 13, 109-123	1.6	4
51	A SYSTEMS-BIOLOGY APPROACH TO IDENTIFY CANDIDATE GENES FOR ALZHEIMER'S DISEASE BY INTEGRATING PROTEIN-PROTEIN INTERACTION NETWORK AND SUBSEQUENT IN VIVO VALIDATION OF CANDIDATE GENES USING A C. ELEGANS MODEL OF AB TOXICITY <b>2014</b> , 10, P298-P299		4
50	Development and validation of language and visuospatial composite scores in ADNI. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2020</b> , 6, e12072	6	4
49	Author response: Neuropathological and transcriptomic characteristics of the aged brain <b>2017</b> ,		3
48	You Say Tomato, I Say Radish: Can Brief Cognitive Assessments in the U.S. Health Retirement Study Be Harmonized With Its International Partner Studies?. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , <b>2021</b> , 76, 1767-1776	4.6	3
47	Differential patterns of gray matter volumes and associated gene expression profiles in cognitively-defined Alzheimer's disease subgroups. <i>NeuroImage: Clinical</i> , <b>2021</b> , 30, 102660	5.3	3
46	Impact of home visit capacity on genetic association studies of late-onset Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2017</b> , 13, 933-939	1.2	2
45	Predictive analysis of engine health for decision support. <i>SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery &amp; Data Mining</i> , <b>2014</b> , 15, 39-49	4.6	2
44	Six-month decline in language, but not other cognitive domains, identifies increased risk of conversion from MCI to AD in ADNI. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e045357	1.2	1
43	Harmonizing the preclinical Alzheimer cognitive composite for multi-cohort studies. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e047423	1.2	1
42	P3-316: CALIBRATING LONGITUDINAL COGNITIVE PERFORMANCE ACROSS DIVERSE NEUROPSYCHOLOGICAL BATTERIES AND DATASETS <b>2014</b> , 10, P746-P746		1

41	P1-045: EXOME ARRAY ANALYSIS IDENTIFIES NOVEL RISK VARIANTS FOR ALZHEIMER'S DISEASE WITH ONSET BEFORE 65 YEARS <b>2014</b> , 10, P319-P319		1
40	P3002: GWAS of the joint ADGC data set identifies novel common variants associated with late-onset Alzheimer's disease <b>2013</b> , 9, P550-P550		1
39	[P2018]: FINE-MAPPING OF THE HUMAN LEUKOCYTE ANTIGEN (HLA) LOCUS AS A RISK FACTOR FOR ALZHEIMER'S DISEASE <b>2017</b> , 13, P652-P652		1
38	Genetic Variants and Functional Pathways Associated with Resilience to Alzheimer's Disease		1
37	DECODER: A probabilistic approach to integrate big data reveals mitochondrial Complex I as a potential therapeutic target for Alzheimer's disease		1
36	Failure to detect synergy between variants in transferrin and hemochromatosis and Alzheimer's disease in large cohort		1
35	Systematic tissue-specific functional annotation of the human genome highlights immune-related DNA elements for late-onset Alzheimer's disease		1
34	P2-076: Alzheimer's Disease Genetic Risk Variants Beyond Apoe ε Predict Mortality in The Adult Changes in Thought (ACT) Study <b>2016</b> , 12, P637-P638		1
33	Analysis of genes (TMEM106B, GRN, ABCC9, KCNMB2, and APOE) implicated in risk for LATE-NC and hippocampal sclerosis provides pathogenetic insights: a retrospective genetic association study. <i>Acta Neuropathologica Communications</i> , <b>2021</b> , 9, 152	7.3	1
32	Longitudinal cognitive performance of Alzheimer's disease neuropathological subtypes. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2021</b> , 7, e12201	6	0
31	Differential trajectories of hypometabolism across cognitively-defined Alzheimer's disease subgroups. <i>NeuroImage: Clinical</i> , <b>2021</b> , 31, 102725	5.3	0
30	Genome-wide association study of brain arteriolosclerosis.. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2022</b> , 271678X211066299	7.3	0
29	Sex differences in genetic predictors of resilience to Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e043259	1.2	
28	Genome-wide association analysis of neurofibrillary tangle burden identifies novel risk loci in the adult changes of thought (ACT) and the religious orders study and memory and aging project (ROSMAP) autopsy cohorts. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e043573	1.2	
27	Development and validation of composite scores for language and visuospatial functioning in ADNI. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e045508	1.2	
26	Protein-protein interaction networks of genes associated with different cognitively defined subtypes of late-onset Alzheimer's disease in five white populations identify novel candidate genes. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e045014	1.2	
25	P1-038: GENOME-WIDE ANALYSIS OF AMYLOID BETA (AB) PEPTIDE OBTAINED FROM HISTELIDE IDENTIFIES SUGGESTIVE HITS IN RHBDF1, GRID1, AND PTPRD REGIONS IN THE ADULT CHANGES IN THOUGHT (ACT) STUDY <b>2014</b> , 10, P317-P317		
24	P4-010: Genome-wide association study of the robust aging in adult changes of thought (ACT) <b>2015</b> , 11, P769-P769		

23 [P1045]: HETEROGENEITY OF RISK ACROSS NON-VASCULAR RISK FACTORS FOR SPECIFIC COGNITIVELY-DEFINED ALZHEIMER'S DISEASE SUBGROUPS **2017**, 13, P339-P340

22 [P2037]: DECLINE IN EPISODIC MEMORY ASSOCIATED WITH GREATER RISK OF MIXED NEUROPATHOLOGY COMPARED TO PURE ALZHEIMER'S PATHOLOGY **2017**, 13, P803-P804

21 [O10305]: ANNOTATION-STRATIFIED GENETIC CORRELATION ANALYSIS IDENTIFIES SHARED AND DISTINCT GENETIC ARCHITECTURE OF LATE-ONSET ALZHEIMER'S DISEASE AND AMYOTROPHIC LATERAL SCLEROSIS **2017**, 13, P193

20 [P4010]: PSYCHOMETRICALLY-DEFINED LATE-ONSET ALZHEIMER'S DISEASE (LOAD) SUBGROUPS IN 5 STUDIES (TOTAL N = 4,170): PREVALENCE AT FIRST VISIT, ASSOCIATIONS WITH APOE GENOTYPE AND IGAP SNPS, AND GWAS **2017**, 13, P1488

19 [P1082]: DIFFERENTIAL VASCULAR RISK FACTORS FOR COGNITIVELY DEFINED ALZHEIMER'S DISEASE SUBGROUPS **2017**, 13, P517-P519

18 P2-016: Identification of genetic variants associated with Alzheimer's disease: Progression rate **2015**, 11, P487-P487

17 O4-12-01: Integrating human protein-protein interaction network with results from gwas in whites and african-americans identifies common genes underlying late-onset Alzheimer's disease **2015**, 11, P299-P299

16 O4-04-02: A NOVEL SUSCEPTIBILITY LOCUS FOR NEUROFIBRILLARY TANGLES AT PTPRD: EVIDENCE OF PLEIOTROPIC EFFECTS ON OTHER BRAIN PATHOLOGIES **2014**, 10, P256-P257

15 O1-03-01: Integrative Analysis of Gwas Summary Data and Functional Annotations Highlights Signal Enrichment in Immune-Related DNA Elements for Late-Onset Alzheimer's Disease **2016**, 12, P176-P177

14 P1-387: Incidence of Dementia Subtypes in a Community-Based Prospective Cohort Study: The Adult Changes in Thought (ACT) Study **2016**, 12, P580-P581

13 P2-089: Impact of Home Visit Capacity on Genetic Association Studies of Late-Onset Alzheimer's Disease **2016**, 12, P643-P644

12 P3-082: Assessment of the Genetic Variance of Late-Onset Alzheimer's Disease **2016**, 12, P849-P850

11 P3-090: Integrative Analysis of GWAS Summary Data and Functional Annotations Identifies Additional Loci for Late-Onset Alzheimer's Disease **2016**, 12, P854-P854

10 P3-096: Secondary Analyses of International Genomics of Alzheimer's Project Stage I GWAS Summary Data Identifies Additional Variants Associated With Late-Onset Alzheimer's Disease **2016**, 12, P856-P857

9 P4-494: GENETIC ARCHITECTURE OF RELATIVE MEMORY PERFORMANCE AMONG PEOPLE WITH ALZHEIMER'S DISEASE DIFFERS BY APOE GENOTYPE ACROSS FIVE COHORTS **2019**, 15, P1502-P1503

8 IC-P-076: FDG-PET REVEALS DISTINCT HYPOMETABOLIC TRAJECTORIES IN COGNITIVELY-DEFINED SUBGROUPS OF ALZHEIMER'S DISEASE **2019**, 15, P68-P70

7 O3-03-06: CROSS-TISSUE TRANSCRIPTOME-WIDE ASSOCIATION META-ANALYSIS IDENTIFIES NOVEL RISK GENES FOR LATE-ONSET ALZHEIMER'S DISEASE **2018**, 14, P1017-P1018

6 P2-141: CHR17Q21 H2 HAPLOTYPE STRATIFIED GWAS REVEALS DIFFERENTIAL ASSOCIATION FOR AD RISK VARIANTS **2018**, 14, P722-P722



- 5 P1-139: THE CONTRIBUTION OF SEX-SPECIFIC ASSOCIATIONS IN GENETIC STUDIES OF ALZHEIMER'S DISEASE PATHOLOGY **2018**, 14, P327-P328
- 4 P1-493: CLINICAL VERSUS NEUROPATHOLOGICAL DIAGNOSIS IN ALZHEIMER'S DISEASE RESEARCH **2018**, 14, P517-P517
- 3 P2-104: SYNERGY BETWEEN RS1049296 IN TRANSFERRIN AND RS1800562 IN HEMOCHROMATOSIS AS A RISK FACTOR FOR ALZHEIMER'S DISEASE **2018**, 14, P708-P709
- 2 P1-141: GENOME-WIDE ANALYSES OF ISOLATED RELATIVE COGNITIVE IMPAIRMENTS IDENTIFIES SUGGESTIVE HITS IN FIVE STUDIES **2018**, 14, P329-P329
- 1 P3-483: COGNITIVELY DEFINED LOAD SUBGROUPS ARE CHARACTERIZED BY HETEROGENEOUS PATTERNS OF RELATIVE DEFICITS IN THE FIVE YEARS PRECEDING LOAD DIAGNOSIS **2018**, 14, P1306-P1306