

Michael W Lutz

List of Publications by Year in Descending Order

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

99
papers

2,149
citations

27
h-index

44
g-index

110
ext. papers

2,529
ext. citations

3.8
avg, IF

4.62
L-index

#	Paper	IF	Citations
99	Bioinformatics pipeline to guide late-onset Alzheimer's disease (LOAD) post-GWAS studies: Prioritizing transcription regulatory variants within LOAD-associated regions.. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2022 , 8, e12244	6	0
98	Polygenic Risk Score Effectively Predicts Depression Onset in Alzheimer's Disease Based on Major Depressive Disorder Risk Variants.. <i>Frontiers in Neuroscience</i> , 2022 , 16, 827447	5.1	0
97	Association Between Polygenic Risk Score and the Progression from Mild Cognitive Impairment to Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021 , 84, 1323-1335	4.3	0
96	Socioeconomic Influence on Emergency Medical Services Utilization for Acute Stroke: Think Nationally, Act Locally. <i>Neurohospitalist, The</i> , 2021 , 11, 317-325	1.1	1
95	A Triage Model for Interhospital Transfers of Low Risk Intracerebral Hemorrhage Patients. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 30, 105616	2.8	0
94	Interaction between APOE ϵ 4 and dietary protein intake on cognitive decline: A longitudinal cohort study. <i>Clinical Nutrition</i> , 2021 , 40, 2716-2725	5.9	5
93	APOE4 Copy Number-Dependent Proteomic Changes in the Cerebrospinal Fluid. <i>Journal of Alzheimer's Disease</i> , 2021 , 79, 511-530	4.3	4
92	Likelihood ratio statistics for gene set enrichment in Alzheimer's disease pathways. <i>Alzheimer's and Dementia</i> , 2021 , 17, 561-573	1.2	1
91	Characteristics of strokes associated with centrifugal flow left ventricular assist devices. <i>Scientific Reports</i> , 2021 , 11, 1645	4.9	3
90	TOMM40-APOE haplotypes are associated with cognitive decline in non-demented Blacks. <i>Alzheimer's and Dementia</i> , 2021 , 17, 1287-1296	1.2	0
89	Safety and efficacy of pioglitazone for the delay of cognitive impairment in people at risk of Alzheimer's disease (TOMMORROW): a prognostic biomarker study and a phase 3, randomised, double-blind, placebo-controlled trial. <i>Lancet Neurology, The</i> , 2021 , 20, 537-547	24.1	13
88	Leisure Activities, ϵ 4, and Cognitive Decline: A Longitudinal Cohort Study. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 736201	5.3	2
87	APOE, TOMM40, and sex interactions on neural network connectivity. <i>Neurobiology of Aging</i> , 2021 , 109, 158-165	5.6	0
86	APOE, TOMM40, and Sex Interactions on Neural Network Connectivity.. <i>Alzheimer's and Dementia</i> , 2021 , 17 Suppl 12, e058171	1.2	
85	Shared genetic etiology underlying late-onset Alzheimer's disease and post traumatic stress syndrome. <i>Alzheimer's and Dementia</i> , 2020 , 16, e041284	1.2	
84	A genetic enrichment strategy for delay of onset of Alzheimer's disease clinical trials. <i>Alzheimer's and Dementia</i> , 2020 , 16, e044920	1.2	
83	Shared genetic etiology underlying Alzheimer's disease and major depressive disorder. <i>Translational Psychiatry</i> , 2020 , 10, 88	8.6	17

82	Shared genetic etiology underlying late-onset Alzheimer's disease and posttraumatic stress syndrome. <i>Alzheimer's and Dementia</i> , 2020 , 16, 1280-1292	1.2	6
81	Motor Evoked Potentials Double Train Stimulation: Optimal Number of Pulses per Train. <i>Journal of Clinical Neurophysiology</i> , 2020 ,	2.2	2
80	Genetic and non-genetic factors associated with the phenotype of exceptional longevity & normal cognition. <i>Scientific Reports</i> , 2020 , 10, 19140	4.9	3
79	Disease-modifying effects of a structural variant in a predominantly ALS cohort. <i>Neurology: Genetics</i> , 2020 , 6, e470	3.8	2
78	Investigating Predictors of Cognitive Decline Using Machine Learning. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2020 , 75, 733-742	4.6	14
77	The association between neighborhood socioeconomic status, cardiovascular and cerebrovascular risk factors, and cognitive decline in the Health and Retirement Study (HRS). <i>Aging and Mental Health</i> , 2020 , 24, 1479-1486	3.5	3
76	Analysis of pleiotropic genetic effects on cognitive impairment, systemic inflammation, and plasma lipids in the Health and Retirement Study. <i>Neurobiology of Aging</i> , 2019 , 80, 173-186	5.6	8
75	A systems-based model of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019 , 15, 168-171	1.2	12
74	Bioinformatics strategy to advance the interpretation of Alzheimer's disease GWAS discoveries: The roads from association to causation. <i>Alzheimer's and Dementia</i> , 2019 , 15, 1048-1058	1.2	15
73	The TOMMORROW study: Design of an Alzheimer's disease delay-of-onset clinical trial. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2019 , 5, 661-670	6	15
72	Neighborhoods, sleep quality, and cognitive decline: Does where you live and how well you sleep matter?. <i>Alzheimer's and Dementia</i> , 2018 , 14, 454-461	1.2	10
71	A prognostic model of Alzheimer's disease relying on multiple longitudinal measures and time-to-event data. <i>Alzheimer's and Dementia</i> , 2018 , 14, 644-651	1.2	18
70	The effects of the TOMM40 poly-T alleles on Alzheimer's disease phenotypes. <i>Alzheimer's and Dementia</i> , 2018 , 14, 692-698	1.2	25
69	The correlation of copy number variations with longevity in a genome-wide association study of Han Chinese. <i>Aging</i> , 2018 , 10, 1206-1222	5.6	12
68	P3-070: ANALYSIS OF A SPORADIC MOUSE MODEL OF ALZHEIMER'S DISEASE 2018 , 14, P1091-P1091		
67	F2-03-01: UNTANGLING THE GENETIC COMPLEXITY OF LATE ONSET ALZHEIMER'S DISEASE 2018 , 14, P604-P605		
66	P2-616: LIGHT TO MODERATE ALCOHOL CONSUMPTION AND COGNITIVE DECLINE: FOCUS ON APOE-ε4 CARRIERS AND WOMEN IN THE HEALTH AND RETIREMENT STUDY 2018 , 14, P977-P977		
65	P3-116: ANALYSIS OF A SYSTEMIC INFLAMMATION-BASED POLYGENIC RISK SCORE ON EFFECTS ON COGNITIVE IMPAIRMENT IN THE HEALTH AND RETIREMENT STUDY 2018 , 14, P1112-P1112		

64	P4-041: BIOINFORMATICS APPROACH FOR IDENTIFYING ACTIVE ENHANCERS THAT DRIVE ALZHEIMER'S DISEASE GENETIC ETIOLOGY 2018 , 14, P1448-P1449		
63	'523 variant and cognitive decline in older persons with β /3 genotype. <i>Neurology</i> , 2017 , 88, 661-668	6.5	28
62	The Alu neurodegeneration hypothesis: A primate-specific mechanism for neuronal transcription noise, mitochondrial dysfunction, and manifestation of neurodegenerative disease. <i>Alzheimer's and Dementia</i> , 2017 , 13, 828-838	1.2	36
61	Towards precision medicine in Alzheimer's disease: deciphering genetic data to establish informative biomarkers. <i>Expert Review of Precision Medicine and Drug Development</i> , 2017 , 2, 47-55	1.6	8
60	Genetic analysis of β synuclein 3' untranslated region and its corresponding microRNAs in relation to Parkinson's disease compared to dementia with Lewy bodies. <i>Alzheimer's and Dementia</i> , 2017 , 13, 1237-1250	1.2	19
59	Family history and TOMM40 '523 interactive associations with memory in middle-aged and Alzheimer's disease cohorts. <i>Alzheimer's and Dementia</i> , 2017 , 13, 1217-1225	1.2	10
58	[IC-P-066]: AD FAMILY HISTORY MODULATES EFFECTS OF TOMM40 β 23/POLY-T ON MTL ATROPHY AND HYPOMETABOLISM IN PRECLINICAL AND AD COHORTS 2017 , 13, P54-P55		
57	Characterization of and allele frequencies in the Japanese population. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017 , 3, 524-530	6	10
56	Neuropathologic features of TOMM40 '523 variant on late-life cognitive decline. <i>Alzheimer's and Dementia</i> , 2017 , 13, 1380-1388	1.2	9
55	[P2065]: THE DISTINCT CONTRIBUTION OF SNCA-3'UTR TO PARKINSON'S AND DEMENTIA WITH LEWY BODIES 2017 , 13, P629-P630		
54	[P4082]: ANALYSIS OF PLEIOTROPIC GENETIC EFFECTS ON COGNITIVE IMPAIRMENT AND SYSTEMIC INFLAMMATION IN THE HEALTH AND RETIREMENT STUDY 2017 , 13, P1290-P1291		
53	APOE β -TOMM40 '523 haplotypes and the risk of Alzheimer's disease in older Caucasian and African Americans. <i>PLoS ONE</i> , 2017 , 12, e0180356	3.7	28
52	Interaction Between the FOXO1A-209 Genotype and Tea Drinking Is Significantly Associated with Reduced Mortality at Advanced Ages. <i>Rejuvenation Research</i> , 2016 , 19, 195-203	2.6	10
51	A Genetics-based Biomarker Risk Algorithm for Predicting Risk of Alzheimer's Disease. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2016 , 2, 30-44	6	23
50	Structural variants can be more informative for disease diagnostics, prognostics and translation than current SNP mapping and exon sequencing. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2016 , 12, 135-47	5.5	16
49	The SSV Evaluation System: A Tool to Prioritize Short Structural Variants for Studies of Possible Regulatory and Causal Variants. <i>Human Mutation</i> , 2016 , 37, 877-83	4.7	10
48	Novel loci and pathways significantly associated with longevity. <i>Scientific Reports</i> , 2016 , 6, 21243	4.9	105
47	P4-293: APOE/TOMM40 β 23 Haplotypes and the Risk of Alzheimer's Disease in Older Caucasian and African Americans 2016 , 12, P1146-P1146		

46	P4-295: TOMM40 B23 Variant and Cognitive Decline in Community Based Older Persons with APOE E3/3 GENOTYPE 2016 , 12, P1146-P1147		
45	New Genetic Approaches to AD: Lessons from APOE-TOMM40 Phylogenetics. <i>Current Neurology and Neuroscience Reports</i> , 2016 , 16, 48	6.6	21
44	Blood glucose levels and cortical thinning in cognitively normal, middle-aged adults. <i>Journal of the Neurological Sciences</i> , 2016 , 365, 89-95	3.2	17
43	Understanding the genetics of APOE and TOMM40 and role of mitochondrial structure and function in clinical pharmacology of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2016 , 12, 687-94	1.2	32
42	A cytosine-thymine (CT)-rich haplotype in intron 4 of SNCA confers risk for Lewy body pathology in Alzheimer's disease and affects SNCA expression. <i>Alzheimer's and Dementia</i> , 2015 , 11, 1133-43	1.2	17
41	P3-018: Tomm40/ApoE variation and age of onset of mild cognitive impairment and dementia in a prospective, longitudinal study 2015 , 11, P626-P627		
40	APOE/TOMM40 genetic loci, white matter hyperintensities, and cerebral microbleeds. <i>International Journal of Stroke</i> , 2015 , 10, 1297-300	6.3	10
39	P2-061: A multi-modal comparison of biomarkers stratified by a simple genetic risk prediction algorithm 2015 , 11, P506-P506		
38	Effect of APOE and CD33 on Cognitive Decline. <i>PLoS ONE</i> , 2015 , 10, e0130419	3.7	12
37	The TOMM40 poly-T rs10524523 variant is associated with cognitive performance among non-demented elderly with type 2 diabetes. <i>European Neuropsychopharmacology</i> , 2014 , 24, 1492-9	1.2	18
36	The cis-regulatory effect of an Alzheimer's disease-associated poly-T locus on expression of TOMM40 and apolipoprotein E genes. <i>Alzheimer's and Dementia</i> , 2014 , 10, 541-51	1.2	55
35	New applications of disease genetics and pharmacogenetics to drug development. <i>Current Opinion in Pharmacology</i> , 2014 , 14, 81-9	5.1	46
34	Alzheimer's disease susceptibility genes APOE and TOMM40, and brain white matter integrity in the Lothian Birth Cohort 1936. <i>Neurobiology of Aging</i> , 2014 , 35, 1513.e25-33	5.6	47
33	P4-073: A PHARMACOGENETICS-SUPPORTED CLINICAL TRIAL TO DELAY ONSET OF MILD COGNITIVE IMPAIRMENT DUE TO ALZHEIMER'S DISEASE USING LOW-DOSE PIOGLITAZONE: AN UPDATE ON THE TOMORROW STUDY 2014 , 10, P809-P810		2
32	P4-284: GENETIC RELATIONSHIP OF APOE AND TOMM40 HAPLOTYPES IN AFRICAN AMERICAN, WEST AFRICAN, AND CAUCASIAN COHORTS 2014 , 10, P888-P888		
31	P3-021: IDENTIFICATION AND CHARACTERIZATION OF POLYMORPHIC STRUCTURAL VARIANTS ASSOCIATED WITH ALZHEIMER'S DISEASE AND DISEASES OF AGING 2014 , 10, P635-P635		
30	The Broad Impact of TOM40 on Neurodegenerative Diseases in Aging 2014 , 1,		41
29	The genetic contributions of SNCA and LRRK2 genes to Lewy Body pathology in Alzheimer's disease. <i>Human Molecular Genetics</i> , 2014 , 23, 4814-21	5.6	22

28	African-American TOMM40'523-APOE haplotypes are admixture of West African and Caucasian alleles. <i>Alzheimer's and Dementia</i> , 2014 , 10, 592-601.e2	1.2	27
27	TOMM40 and APOE: Requirements for replication studies of association with age of disease onset and enrichment of a clinical trial. <i>Alzheimer's and Dementia</i> , 2013 , 9, 132-6	1.2	49
26	Alzheimer's disease susceptibility genes APOE and TOMM40, and hippocampal volumes in the Lothian birth cohort 1936. <i>PLoS ONE</i> , 2013 , 8, e80513	3.7	25
25	Clinical Trials of AD Delay of Onset: Enrichment by a Prognostic Genetic Biomarker. <i>Advances in Predictive, Preventive and Personalised Medicine</i> , 2013 , 141-160	0.4	
24	Cerebrospinal fluid cortisol concentrations in healthy elderly are affected by both APOE and TOMM40 variants. <i>Psychoneuroendocrinology</i> , 2012 , 37, 366-71	5	14
23	A homopolymer polymorphism in the TOMM40 gene contributes to cognitive performance in aging. <i>Alzheimer's and Dementia</i> , 2012 , 8, 381-8	1.2	41
22	Longitudinal modeling of cognitive aging and the TOMM40 effect. <i>Alzheimer's and Dementia</i> , 2012 , 8, 490-5	1.2	50
21	Characterization of the poly-T variant in the TOMM40 gene in diverse populations. <i>PLoS ONE</i> , 2012 , 7, e30994	3.7	42
20	Levels of cerebrospinal fluid neurofilament light protein in healthy elderly vary as a function of TOMM40 variants. <i>Experimental Gerontology</i> , 2012 , 47, 347-52	4.5	21
19	The effect of TOMM40 poly-T length on gray matter volume and cognition in middle-aged persons with APOE ϵ/ϵ genotype. <i>Alzheimer's and Dementia</i> , 2011 , 7, 456-65	1.2	86
18	Translocase of outer mitochondrial membrane 40 homolog (TOMM40) poly-T length modulates lorazepam-related cognitive toxicity in healthy APOE ϵ -negative elderly. <i>Journal of Clinical Psychopharmacology</i> , 2011 , 31, 544-6	1.7	6
17	The importance of being connected. <i>Journal of Alzheimer's Disease</i> , 2011 , 24, 247-51	4.3	6
16	Genetic variation at a single locus and age of onset for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2010 , 6, 125-31	1.2	68
15	Alzheimer's disease: diagnostics, prognostics and the road to prevention. <i>EPMA Journal</i> , 2010 , 1, 293-303.8	3.8	29
14	Peak alignment of urine NMR spectra using fuzzy warping. <i>Journal of Chemical Information and Modeling</i> , 2006 , 46, 863-75	6.1	55
13	Managing genomic and proteomic knowledge. <i>Drug Discovery Today: Technologies</i> , 2005 , 2, 197-204	7.1	2
12	Interactions of 1263W94 with other antiviral agents in inhibition of human cytomegalovirus replication. <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 1468-71	5.9	34
11	Assessment of the COBAS Amplicor HBV Monitor Test for quantitation of serum hepatitis B virus DNA levels. <i>Journal of Clinical Microbiology</i> , 2002 , 40, 1972-6	9.7	31

10	Experimental design for high-throughput screening. <i>Drug Discovery Today</i> , 1996 , 1, 277-286	8.8	40
9	A mathematical model for analysis of pharmacologically induced changes in the kinetics of cardiac muscle. <i>Journal of Pharmacological and Toxicological Methods</i> , 1996 , 36, 171-83	1.7	
8	The Cubic Ternary Complex Receptor Occupancy Model I. Model Description. <i>Journal of Theoretical Biology</i> , 1996 , 178, 151-167	2.3	165
7	The Cubic Ternary Complex Receptor Occupancy Model II. Understanding Apparent Affinity. <i>Journal of Theoretical Biology</i> , 1996 , 178, 169-182	2.3	92
6	The cubic ternary complex receptor-occupancy model. III. resurrecting efficacy. <i>Journal of Theoretical Biology</i> , 1996 , 181, 381-97	2.3	176
5	Use of resampling techniques to estimate the variance of parameters in pharmacological assays when experimental protocols preclude independent replication: an example using Schild regressions. <i>Journal of Pharmacological and Toxicological Methods</i> , 1995 , 34, 37-46	1.7	2
4	On the importance of the "antagonist assumption" to how receptors express themselves. <i>Biochemical Pharmacology</i> , 1995 , 50, 17-26	6	39
3	Design, synthesis, and pharmacological evaluation of ultrashort- to long-acting opioid analgetics. <i>Journal of Medicinal Chemistry</i> , 1991 , 34, 2202-8	8.3	162
2	Drug and tissue factors both confound KA measurements. <i>Trends in Pharmacological Sciences</i> , 1990 , 11, 273-4	13.2	2
1	KRAX is important operational determinant of tissue response. KRAX as parameter for classification. <i>Trends in Pharmacological Sciences</i> , 1988 , 9, 351	13.2	6