

# *TREM2* Variants in Alzheimer's Disease

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A survey of TREM2 antibodies reveals neuronal but not microglial staining in formalin-fixed paraffin-embedded postmortem Alzheimer's brain tissues. <i>Alzheimer's Research and Therapy</i> , 2013, 5, 30.	3.0	18
2	Ushering in the study and treatment of preclinical Alzheimer disease. <i>Nature Reviews Neurology</i> , 2013, 9, 371-381.	4.9	125
3	Other Genes Implicated in Alzheimer's Disease. , 2013, , 209-230.		0
4	Brain Amyloid and Inflammation Imaging: A Convergence of Concepts. <i>Current Radiology Reports</i> , 2013, 1, 227-232.	0.4	0
5	Assessment of TREM2 rs75932628 association with Alzheimer's disease in a population-based sample: the Cache County Study. <i>Neurobiology of Aging</i> , 2013, 34, 2889.e11-2889.e13.	1.5	47
6	Genetic Variants in Alzheimer's Disease. , 2013, , .		9
7	Microglia: A new frontier for synaptic plasticity, learning and memory, and neurodegenerative disease research. <i>Neurobiology of Learning and Memory</i> , 2013, 105, 40-53.	1.0	209
8	Hunting human disease genes: lessons from the past, challenges for the future. <i>Human Genetics</i> , 2013, 132, 603-617.	1.8	31
9	Towards a "systems"-level understanding of the nervous system and its disorders. <i>Trends in Neurosciences</i> , 2013, 36, 674-684.	4.2	38
10	CD33 Alzheimer's Risk-Altering Polymorphism, CD33 Expression, and Exon 2 Splicing. <i>Journal of Neuroscience</i> , 2013, 33, 13320-13325.	1.7	212
11	The therapeutics of Alzheimer's disease: Where we stand and where we are heading. <i>Annals of Neurology</i> , 2013, 74, 328-336.	2.8	101
12	Homozygosity for the C9orf72 GGGGCC repeat expansion in frontotemporal dementia. <i>Acta Neuropathologica</i> , 2013, 126, 401-409.	3.9	126
13	The NAD-dependent deacetylase sirtuin 2 is a suppressor of microglial activation and brain inflammation. <i>EMBO Journal</i> , 2013, 32, 2603-2616.	3.5	149
14	Microglial Beclin 1 Regulates Retromer Trafficking and Phagocytosis and Is Impaired in Alzheimer's Disease. <i>Neuron</i> , 2013, 79, 873-886.	3.8	313
15	FDG PET and the genetics of dementia. <i>Clinical and Translational Imaging</i> , 2013, 1, 235-246.	1.1	2
16	Treatment implications of the altered cytokine-insulin axis in neurodegenerative disease. <i>Biochemical Pharmacology</i> , 2013, 86, 862-871.	2.0	21
17	A Neurodegeneration-Specific Gene-Expression Signature of Acutely Isolated Microglia from an Amyotrophic Lateral Sclerosis Mouse Model. <i>Cell Reports</i> , 2013, 4, 385-401.	2.9	552
18	Microglia. <i>Neurology</i> , 2013, 81, 1079-1088.	1.5	188

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19	Meta-analysis of 74,046 individuals identifies 11 new susceptibility loci for Alzheimer's disease. <i>Nature Genetics</i> , 2013, 45, 1452-1458.	9.4	3,741
20	The microglial sensome revealed by direct RNA sequencing. <i>Nature Neuroscience</i> , 2013, 16, 1896-1905.	7.1	1,244
21	Lysosomal Storage Disorders and Iron. <i>International Review of Neurobiology</i> , 2013, 110, 251-275.	0.9	10
22	Biomarker Modeling of Alzheimer's Disease. <i>Neuron</i> , 2013, 80, 1347-1358.	3.8	773
23	The amyloid cascade-inflammatory hypothesis of Alzheimer disease: implications for therapy. <i>Acta Neuropathologica</i> , 2013, 126, 479-497.	3.9	366
24	ABCA7 expression is associated with Alzheimer's disease polymorphism and disease status. <i>Neuroscience Letters</i> , 2013, 556, 58-62.	1.0	86
25	TREM2 R47H Variant as a Risk Factor for Early-Onset Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2013, 35, 45-49.	1.2	136
26	TREM2 is associated with the risk of Alzheimer's disease in Spanish population. <i>Neurobiology of Aging</i> , 2013, 34, 1711.e15-1711.e17.	1.5	130
27	Transcriptional regulation and its misregulation in Alzheimer's disease. <i>Molecular Brain</i> , 2013, 6, 44.	1.3	55
28	Genome-wide Association Studies in Alzheimer's Disease: A Review. <i>Current Neurology and Neuroscience Reports</i> , 2013, 13, 381.	2.0	99
29	Evidence of Recessive Alzheimer Disease Loci in a Caribbean Hispanic Data Set. <i>JAMA Neurology</i> , 2013, 70, 1261-7.	4.5	37
30	Increased Expression of TREM2 in Peripheral Blood of Alzheimer's Disease Patients. <i>Journal of Alzheimer's Disease</i> , 2013, 38, 497-501.	1.2	75
31	Insights into TREM2 biology by network analysis of human brain gene expression data. <i>Neurobiology of Aging</i> , 2013, 34, 2699-2714.	1.5	145
32	TREM2 and Neurodegenerative Disease. <i>New England Journal of Medicine</i> , 2013, 369, 1564-1570.	13.9	174
33	Have we learnt all we need to know from genetic studies - is genetics over in Alzheimer's disease?. <i>Alzheimer's Research and Therapy</i> , 2013, 5, 11.	3.0	4
34	Advances in blood-based protein biomarkers for Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2013, 5, 18.	3.0	8
35	Microglia: Scapegoat, Saboteur, or Something Else?. <i>Science</i> , 2013, 339, 156-161.	6.0	726
36	A novel compound heterozygous mutation in TREM2 found in a Turkish frontotemporal dementia-like family. <i>Neurobiology of Aging</i> , 2013, 34, 2890.e1-2890.e5.	1.5	113

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37	Androgen receptor gene and sex-specific Alzheimer's disease. <i>Neurobiology of Aging</i> , 2013, 34, 2077.e19-2077.e20.	1.5	13
38	Different patterns of gray matter atrophy in early- and late-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , 2013, 34, 2014-2022.	1.5	156
39	Expression of the phagocytosis-essential protein TREM2 is down-regulated by an aluminum-induced miRNA-34a in a murine microglial cell line. <i>Journal of Inorganic Biochemistry</i> , 2013, 128, 267-269.	1.5	54
40	NLRP3 polymorphisms are associated with late-onset Alzheimer's disease in Han Chinese. <i>Journal of Neuroimmunology</i> , 2013, 265, 91-95.	1.1	74
41	Finding Risk in All the Right Places. <i>Neuron</i> , 2013, 78, 207-208.	3.8	0
42	TREM2 in Alzheimer's disease. <i>Molecular Neurobiology</i> , 2013, 48, 180-185.	1.9	105
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44	Review: Activation patterns of microglia and their identification in the human brain. <i>Neuropathology and Applied Neurobiology</i> , 2013, 39, 3-18.	1.8	792
45	GWAS of Cerebrospinal Fluid Tau Levels Identifies Risk Variants for Alzheimer's Disease. <i>Neuron</i> , 2013, 78, 256-268.	3.8	344
46	Variants in triggering receptor expressed on myeloid cells 2 are associated with both behavioral variant frontotemporal lobar degeneration and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2013, 34, 2077.e11-2077.e18.	1.5	124
47	Alzheimer's Disease Risk Gene CD33 Inhibits Microglial Uptake of Amyloid Beta. <i>Neuron</i> , 2013, 78, 631-643.	3.8	776
48	Peripheral inflammation in neurodegeneration. <i>Journal of Molecular Medicine</i> , 2013, 91, 673-681.	1.7	37
49	Integrated Systems Approach Identifies Genetic Nodes and Networks in Late-Onset Alzheimer's Disease. <i>Cell</i> , 2013, 153, 707-720.	13.5	1,505
50	Phagocyte dysfunction, tissue aging and degeneration. <i>Ageing Research Reviews</i> , 2013, 12, 1005-1012.	5.0	91
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53	The role of inflammation in sporadic and familial Parkinson's disease. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 4259-4273.	2.4	153
54	Microglia and macrophages of the central nervous system: the contribution of microglia priming and systemic inflammation to chronic neurodegeneration. <i>Seminars in Immunopathology</i> , 2013, 35, 601-612.	2.8	447

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55	Microglia as Dynamic and Essential Components of the Amyloid Hypothesis. <i>Neuron</i> , 2013, 78, 575-577.	3.8	64
56	Molecular Basis of Etiological Implications in Alzheimer's Disease: Focus on Neuroinflammation. <i>Molecular Neurobiology</i> , 2013, 48, 412-428.	1.9	71
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58	Complement Gene Single Nucleotide Polymorphisms and Biomarker Endophenotypes of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2013, 35, 51-57.	1.2	6
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60	Sequential Proteolytic Processing of the Triggering Receptor Expressed on Myeloid Cells-2 (TREM2) Protein by Ectodomain Shedding and $\beta$ -Secretase-dependent Intramembranous Cleavage. <i>Journal of Biological Chemistry</i> , 2013, 288, 33027-33036.	1.6	236
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63	Has the Twitching Hour Arrived for the Ventilated Patient?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 126-128.	2.5	2
64	Alzheimer's disease: Mapping the brain's decline. <i>Nature</i> , 2013, 502, S84-S85.	13.7	17
65	STUDYING THE ROLE OF ApoE IN ALZHEIMER'S DISEASE PATHOGENESIS USING A SYSTEMS BIOLOGY MODEL. <i>Journal of Bioinformatics and Computational Biology</i> , 2013, 11, 1342003.	0.3	9
66	The PSEN1, p.E318G Variant Increases the Risk of Alzheimer's Disease in APOE- $\epsilon$ 4 Carriers. <i>PLoS Genetics</i> , 2013, 9, e1003685.	1.5	55
67	The Innate Immune System in Alzheimer's Disease. <i>International Journal of Cell Biology</i> , 2013, 2013, 1-7.	1.0	57
68	Proteolytic Cleavage of Apolipoprotein E4 as the Keystone for the Heightened Risk Associated with Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2013, 14, 14908-14922.	1.8	53
69	The Role of ABCA1 Gene Sequence Variants on Risk of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2013, 38, 897-906.	1.2	45
71	Variant <i>TREM2</i> as Risk Factor for Alzheimer's Disease. <i>New England Journal of Medicine</i> , 2013, 368, 182-184.	13.9	122
72	TREM2, Frontotemporal Dementia-Like Disease, Nasu-Hakola Disease, and Alzheimer Dementia: A Chicken and Egg Problem?. <i>JAMA Neurology</i> , 2013, 70, 805.	4.5	7
73	An Inflection Point in Gene Discovery Efforts for Neurodegenerative Diseases. <i>JAMA Neurology</i> , 2013, 70, 719.	4.5	17

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75	Inflammation in Alzheimer's disease: insights from immunotherapy. <i>Brain</i> , 2013, 136, 2654-2656.	3.7	38
76	Genetics of Alzheimer's Disease. <i>BioMed Research International</i> , 2013, 2013, 1-13.	0.9	75
77	Toward a better comprehension of genetics of Alzheimer's disease and frontotemporal lobar degeneration. <i>International Journal of Nutrition, Pharmacology, Neurological Diseases</i> , 2013, 3, 162.	0.6	0
78	Epigenetic studies in Alzheimer's disease: Current findings, caveats, and considerations for future studies. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2013, 162, 789-799.	1.1	68
79	Neuro2013. <i>Clinical and Experimental Neuroimmunology</i> , 2013, 4, 243-245.	0.5	0
80	Triggering Receptor Expressed on Myeloid Cells-2 Correlates to Hypothermic Neuroprotection in Ischemic Stroke. <i>Therapeutic Hypothermia and Temperature Management</i> , 2013, 3, 189-198.	0.3	27
81	Possible role of microgliopathy in the pathogenesis of Nasu-Hakola disease. <i>Clinical and Experimental Neuroimmunology</i> , 2013, 4, 17-26.	0.5	4
82	Biomarker-Driven Therapeutic Management of Alzheimer's Disease: Establishing the Foundations. <i>Clinical Pharmacology and Therapeutics</i> , 2013, 95, 67-77.	2.3	19
83	CSF protein biomarkers predicting longitudinal reduction of CSF $\beta$ -amyloid42 in cognitively healthy elders. <i>Translational Psychiatry</i> , 2013, 3, e293-e293.	2.4	51
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85	Current concepts in Alzheimer's Disease: molecules, models and translational perspectives. <i>Molecular Neurodegeneration</i> , 2013, 8, 33.	4.4	11
86	TREM2 variants and Alzheimer's disease. <i>Future Neurology</i> , 2013, 8, 407-410.	0.9	1
87	Regulation of TREM2 expression by an NF- $\kappa$ B-sensitive miRNA-34a. <i>NeuroReport</i> , 2013, 24, 318-323.	0.6	104
88	Differential Modulation of TREM2 Protein during Postnatal Brain Development in Mice. <i>PLoS ONE</i> , 2013, 8, e72083.	1.1	40
89	Alzheimer's Disease: Analyzing the Missing Heritability. <i>PLoS ONE</i> , 2013, 8, e79771.	1.1	257
90	Reduced brain somatostatin in mood disorders: a common pathophysiological substrate and drug target?. <i>Frontiers in Pharmacology</i> , 2013, 4, 110.	1.6	103
91	Circulating inflamma-miRs in aging and age-related diseases. <i>Frontiers in Genetics</i> , 2013, 4, 121.	1.1	154

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93	TREM2 signaling, miRNA-34a and the extinction of phagocytosis. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 131.	1.8	25
94	Exploratory Bioinformatics Study of lncRNAs in Alzheimer's Disease mRNA Sequences with Application to Drug Development. <i>Computational and Mathematical Methods in Medicine</i> , 2013, 2013, 1-8.	0.7	14
95	The Triggering Receptor Expressed on Myeloid Cells 2: TREM2—the Inflammatory Component Associated with Alzheimer's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-8.	1.9	36
96	Evidence of Trem2 Variant Associated with Triple Risk of Alzheimer's Disease. <i>PLoS ONE</i> , 2014, 9, e92648.	1.1	42
97	Tau Overexpression Impacts a Neuroinflammation Gene Expression Network Perturbed in Alzheimer's Disease. <i>PLoS ONE</i> , 2014, 9, e106050.	1.1	103
98	Clinical Genetics of Alzheimer's Disease. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	39
99	Lack of Genetic Association Between TREM2 and Late-Onset Alzheimer's Disease in a Japanese Population. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 1031-1038.	1.2	60
100	The low-density lipoprotein receptor-related protein 1 and amyloid- $\beta$ clearance in Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 93.	1.7	199
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105	Alzheimer's: MicroRNAs in Alzheimer's Disease. <i>Journal of Cytology &amp; Histology</i> , 2014, 05, .	0.1	1
106	Genomic insights into the etiology of Alzheimer's disease: a review. <i>Advances in Genomics and Genetics</i> , 0, , 59.	0.8	1
108	Genomics in Neurological Disorders. <i>Genomics, Proteomics and Bioinformatics</i> , 2014, 12, 156-163.	3.0	23
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110	Temporal gene profiling of the 5XFAD transgenic mouse model highlights the importance of microglial activation in Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2014, 9, 33.	4.4	138

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114	Emerging roles for triggering receptor expressed on myeloid cells receptor family signaling in inflammatory diseases. <i>Expert Review of Clinical Immunology</i> , 2014, 10, 243-256.	1.3	73
115	Genetics of Alzheimer's Disease. <i>Neurotherapeutics</i> , 2014, 11, 732-737.	2.1	134
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117	Update on the core and developing cerebrospinal fluid biomarkers for Alzheimer disease. <i>Croatian Medical Journal</i> , 2014, 55, 347-365.	0.2	34
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119	Using Gene Genealogies to Detect Rare Variants Associated with Complex Traits. <i>Human Heredity</i> , 2014, 78, 117-130.	0.4	7
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121	The Triggering Receptor Expressed on Myeloid Cells 2 Inhibits Complement Component 1q Effector Mechanisms and Exerts Detrimental Effects during Pneumococcal Pneumonia. <i>PLoS Pathogens</i> , 2014, 10, e1004167.	2.1	46
122	ABCC5, a Gene That Influences the Anterior Chamber Depth, Is Associated with Primary Angle Closure Glaucoma. <i>PLoS Genetics</i> , 2014, 10, e1004089.	1.5	68
123	Epigenetic mechanisms in Alzheimer's disease. <i>Degenerative Neurological and Neuromuscular Disease</i> , 2014, 4, 85.	0.7	8
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125	Unresolved questions in Alzheimer's research: will biomarkers help?. <i>Biomarkers in Medicine</i> , 2014, 8, 61-63.	0.6	2
126	Soluble Interleukin-6 Receptor Levels and Risk of Dementia: One More Signpost on a Long Road Ahead. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 772-774.	1.3	4
127	Epigenetic memory: the Lamarckian brain. <i>EMBO Journal</i> , 2014, 33, 945-967.	3.5	85
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135	TREM2 Variant p.R47H as a Risk Factor for Sporadic Amyotrophic Lateral Sclerosis. <i>JAMA Neurology</i> , 2014, 71, 449.	4.5	221
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137	Molecular neurodegeneration: basic biology and disease pathways. <i>Molecular Neurodegeneration</i> , 2014, 9, 34.	4.4	4
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139	Effects of Multiple Genetic Loci on Age at Onset in Late-Onset Alzheimer Disease. <i>JAMA Neurology</i> , 2014, 71, 1394.	4.5	166
140	Elevated Serum Pesticide Levels and Risk for Alzheimer Disease. <i>JAMA Neurology</i> , 2014, 71, 284.	4.5	173
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143	From Genome-Wide Association Studies to Next-Generation Sequencing. <i>JAMA Neurology</i> , 2014, 71, 5.	4.5	17
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145	Single-nucleotide polymorphisms studied for associations with urinary toxicity from 125I prostate brachytherapy implants. <i>Brachytherapy</i> , 2014, 13, 285-291.	0.2	6
146	Investigation of TREM2, PLD3, and UNC5C variants in patients with Alzheimer's disease from mainland China. <i>Neurobiology of Aging</i> , 2014, 35, 2422.e9-2422.e11.	1.5	61
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149	Preparation, crystallization, and preliminary crystallographic analysis of wild-type and mutant human TREM-2 ectodomains linked to neurodegenerative and inflammatory diseases. <i>Protein Expression and Purification</i> , 2014, 96, 32-38.	0.6	14
150	Genetics of dementia. <i>Lancet, The</i> , 2014, 383, 828-840.	6.3	253
151	Biomarkers in Amyloid- $\beta$ Immunotherapy Trials in Alzheimer's Disease. <i>Neuropsychopharmacology</i> , 2014, 39, 189-201.	2.8	66
152	Impairment of in vivo calcium signaling in amyloid plaque-associated microglia. <i>Acta Neuropathologica</i> , 2014, 127, 495-505.	3.9	88
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154	Biomarker Modelling of Early Molecular Changes in Alzheimer's Disease. <i>Molecular Diagnosis and Therapy</i> , 2014, 18, 213-227.	1.6	4
155	Microglia and brain macrophages in the molecular age: from origin to neuropsychiatric disease. <i>Nature Reviews Neuroscience</i> , 2014, 15, 300-312.	4.9	1,069
156	Microglial priming in neurodegenerative disease. <i>Nature Reviews Neurology</i> , 2014, 10, 217-224.	4.9	827
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158	Genetic Discoveries in AD Using CSF Amyloid and Tau. <i>Current Genetic Medicine Reports</i> , 2014, 2, 23-29.	1.9	10
159	Modulation of inflammation in transgenic models of Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2014, 11, 25.	3.1	99
160	C9ORF72: grabbing a tiger by the tail. <i>Acta Neuropathologica</i> , 2014, 127, 311-318.	3.9	1
161	Neuroimaging and genetic risk for Alzheimer's disease and addiction-related degenerative brain disorders. <i>Brain Imaging and Behavior</i> , 2014, 8, 217-233.	1.1	14
162	Genetic analysis of quantitative phenotypes in AD and MCI: imaging, cognition and biomarkers. <i>Brain Imaging and Behavior</i> , 2014, 8, 183-207.	1.1	161
163	Microglial phagocytosis of live neurons. <i>Nature Reviews Neuroscience</i> , 2014, 15, 209-216.	4.9	666
164	ApoE and A $\beta$ in Alzheimer's Disease: Accidental Encounters or Partners?. <i>Neuron</i> , 2014, 81, 740-754.	3.8	460
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167	Neurodegenerative Diseases. , 2014, , .		3
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169	Microglial derived tumor necrosis factor- $\beta$ drives Alzheimer's disease-related neuronal cell cycle events. <i>Neurobiology of Disease</i> , 2014, 62, 273-285.	2.1	120
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1303	Mepri <sup>n</sup> $\hat{2}$ cleaves TREM2 and controls its phagocytic activity on macrophages. <i>FASEB Journal</i> , 2020, 34, 6675-6687.	0.2	21
1305	Ocular hypertension suppresses homeostatic gene expression in optic nerve head microglia of DBA/2 <sup>o</sup> mice. <i>Molecular Brain</i> , 2020, 13, 81.	1.3	31
1306	Sleep Disturbances in MCI and AD: Neuroinflammation as a Possible Mediating Pathway. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 69.	1.7	23
1307	Hippocampal overexpression of TREM2 ameliorates high fat diet induced cognitive impairment and modulates phenotypic polarization of the microglia. <i>Genes and Diseases</i> , 2022, 9, 401-414.	1.5	26
1308	GABAergic dysfunction in excitatory and inhibitory (E/I) imbalance drives the pathogenesis of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, 1312-1329.	0.4	97
1309	Exploratory analysis of mtDNA haplogroups in two Alzheimer's longitudinal cohorts. <i>Alzheimer's and Dementia</i> , 2020, 16, 1164-1172.	0.4	25
1310	Selective neuronal vulnerability in Alzheimer's disease. <i>Ageing Research Reviews</i> , 2020, 62, 101114.	5.0	9
1311	Genetic architecture of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2020, 143, 104976.	2.1	73
1312	Differential regulation of TREM2 and CSF1R in CNS macrophages in an SIV/macaque model of HIV CNS disease. <i>Journal of NeuroVirology</i> , 2020, 26, 511-519.	1.0	6
1313	Macrophage phagocytosis assay with reconstituted target particles. <i>Nature Protocols</i> , 2020, 15, 2230-2246.	5.5	33
1314	Glia in neurodegeneration: Drivers of disease or along for the ride?. <i>Neurobiology of Disease</i> , 2020, 142, 104957.	2.1	56
1315	Alzheimer's-associated PLC $\hat{3}$ 2 is a signaling node required for both TREM2 function and the inflammatory response in human microglia. <i>Nature Neuroscience</i> , 2020, 23, 927-938.	7.1	142
1316	Microglia. , 2020, , 995-1020.		3
1317	Targeting Microglial Population Dynamics in Alzheimer's Disease: Are We Ready for a Potential Impact on Immune Function?. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 149.	1.8	19
1318	Expedition into Taurine Biology: Structural Insights and Therapeutic Perspective of Taurine in Neurodegenerative Diseases. <i>Biomolecules</i> , 2020, 10, 863.	1.8	18
1319	$\hat{2}$ -Amyloid Clustering around ASC Fibrils Boosts Its Toxicity in Microglia. <i>Cell Reports</i> , 2020, 30, 3743-3754.e6.	2.9	109
1320	d-Serine, the Shape-Shifting NMDA Receptor Co-agonist. <i>Neurochemical Research</i> , 2020, 45, 1344-1353.	1.6	33

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1322	High-intensity interval training and moderate-intensity continuous training alleviate $\beta$ -amyloid deposition by inhibiting NLRP3 inflammasome activation in APP <sup>swe</sup> /PS1 <sup>dE9</sup> mice. <i>NeuroReport</i> , 2020, 31, 425-432.	0.6	21
1323	Metabolic Reprogramming of Microglia in the Regulation of the Innate Inflammatory Response. <i>Frontiers in Immunology</i> , 2020, 11, 493.	2.2	152
1324	Characterization of the chromatin accessibility in an Alzheimer's disease (AD) mouse model. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 29.	3.0	29
1325	Molecular Pathogenesis and Interventional Strategies for Alzheimer's Disease: Promises and Pitfalls. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 472-488.	2.5	21
1326	Murine Gut Microbiome Association With APOE Alleles. <i>Frontiers in Immunology</i> , 2020, 11, 200.	2.2	37
1327	Robust neuroinflammation and perivascular pathology in rTg-DI rats, a novel model of microvascular cerebral amyloid angiopathy. <i>Journal of Neuroinflammation</i> , 2020, 17, 78.	3.1	19
1328	Peripheral cytokine and fatty acid associations with neuroinflammation in AD and aMCI patients: An exploratory study. <i>Brain, Behavior, and Immunity</i> , 2020, 87, 679-688.	2.0	19
1329	Trem2 Splicing and Expression are Preserved in a Human $\text{A}\beta$ -producing, Rat Knock-in Model of Trem2-R47H Alzheimer's Risk Variant. <i>Scientific Reports</i> , 2020, 10, 4122.	1.6	16
1330	Current clinical approaches in neurodegenerative diseases. , 2020, , 79-124.		1
1331	Immunogenetics of neurological disease. , 2020, , 71-80.		0
1332	Association of <i>APOE</i> With Primary Open-Angle Glaucoma Suggests a Protective Effect for <i>APOE</i> $\epsilon$ 4. , 2020, 61, 3.		23
1333	Low-Dose Ionizing Radiation Modulates Microglia Phenotypes in the Models of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4532.	1.8	35
1334	Extracellular proteostasis prevents aggregation during pathogenic attack. <i>Nature</i> , 2020, 584, 410-414.	13.7	39
1335	IPSC-Derived Neuronal Cultures Carrying the Alzheimer's Disease Associated TREM2 R47H Variant Enables the Construction of an $\text{A}\beta$ -Induced Gene Regulatory Network. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4516.	1.8	9
1336	Invited Review "Understanding cause and effect in Alzheimer's pathophysiology: Implications for clinical trials. <i>Neuropathology and Applied Neurobiology</i> , 2020, 46, 623-640.	1.8	20
1337	TREM2 ectodomain and its soluble form in Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2020, 17, 204.	3.1	55
1338	Blood and cerebrospinal fluid biomarkers for Alzheimer's disease. <i>Journal of Laboratory and Precision Medicine</i> , 0, 5, 15-15.	1.1	5

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1340	Astrocytes and microglia play orchestrated roles and respect phagocytic territories during neuronal corpse removal in vivo. <i>Science Advances</i> , 2020, 6, eaba3239.	4.7	176
1341	Microglia heterogeneity and neurodegeneration: The emerging paradigm of the role of immunity in Alzheimer's disease. <i>Journal of Neuroimmunology</i> , 2020, 341, 577185.	1.1	58
1342	Amyloid-beta (1-42) lesion of CA1 rat dorsal hippocampus reduces contextual fear memory and increases expression of microglial genes regulating neuroinflammation. <i>Behavioural Brain Research</i> , 2020, 393, 112795.	1.2	7
1343	SLC2A3 rs12842 polymorphism and risk for Alzheimer's disease. <i>Neurological Research</i> , 2020, 42, 853-861.	0.6	9
1344	Potential Bidirectional Relationship Between Periodontitis and Alzheimer's Disease. <i>Frontiers in Physiology</i> , 2020, 11, 683.	1.3	49
1345	Genetic Dissection of Alzheimer's Disease Using Drosophila Models. <i>International Journal of Molecular Sciences</i> , 2020, 21, 884.	1.8	27
1346	Applications of Functional Genomics for Drug Discovery. <i>SLAS Discovery</i> , 2020, 25, 823-842.	1.4	6
1347	Microglia-Related Gene Triggering Receptor Expressed in Myeloid Cells 2 ( <i>TREM2</i> ) Is Upregulated in the Substantia Nigra of Progressive Supranuclear Palsy. <i>Movement Disorders</i> , 2020, 35, 885-890.	2.2	11
1348	Increased oxidative stress, hyperphosphorylation of tau, and dystrophic microglia in the hippocampus of aged <i>Tupaia belangeri</i> . <i>Glia</i> , 2020, 68, 1775-1793.	2.5	23
1349	ABCA7: A Member of the ABC Transporter Family in Healthy and Ailing Brain. <i>Brain Sciences</i> , 2020, 10, 121.	1.1	2
1350	The multiplex model of the genetics of Alzheimer's disease. <i>Nature Neuroscience</i> , 2020, 23, 311-322.	7.1	291
1351	Mechanistic insights into the deleterious roles of Nasu-Hakola disease associated TREM2 variants. <i>Scientific Reports</i> , 2020, 10, 3663.	1.6	24
1352	Genetic architecture of neurodegenerative dementias. <i>Neuropharmacology</i> , 2020, 168, 108014.	2.0	5
1353	Soluble TREM2 is elevated in Parkinson's disease subgroups with increased CSF tau. <i>Brain</i> , 2020, 143, 932-943.	3.7	49
1354	A <i>TREML2</i> missense variant influences specific hippocampal subfield volumes in cognitively normal elderly subjects. <i>Brain and Behavior</i> , 2020, 10, e01573.	1.0	10
1355	Activated Bone Marrow-Derived Macrophages Eradicate Alzheimer's-Related A $\beta$ 42 Oligomers and Protect Synapses. <i>Frontiers in Immunology</i> , 2020, 11, 49.	2.2	32
1356	Alzheimer's disease pathology in APOE transgenic mouse models: The Who, What, When, Where, Why, and How. <i>Neurobiology of Disease</i> , 2020, 139, 104811.	2.1	44

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1358	Soluble TREM2 and Inflammatory Proteins in Alzheimer's Disease Cerebrospinal Fluid. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 1615-1626.	1.2	29
1359	Nrf2 Suppresses Oxidative Stress and Inflammation in <i>App</i> Knock-In Alzheimer's Disease Model Mice. <i>Molecular and Cellular Biology</i> , 2020, 40, .	1.1	98
1360	Genetic screening of a large series of North American sporadic and familial frontotemporal dementia cases. <i>Alzheimer's and Dementia</i> , 2020, 16, 118-130.	0.4	43
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1362	Trem2 Deletion Reduces Late-Stage Amyloid Plaque Accumulation, Elevates the A $\beta$ <sup>42</sup> :A $\beta$ <sup>40</sup> Ratio, and Exacerbates Axonal Dystrophy and Dendritic Spine Loss in the PS2APP Alzheimer's Mouse Model. <i>Journal of Neuroscience</i> , 2020, 40, 1956-1974.	1.7	114
1363	Lifestyle Modifications and Nutritional Interventions in Aging-Associated Cognitive Decline and Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 369.	1.7	77
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1366	The age-related microglial transformation in Alzheimer's disease pathogenesis. <i>Neurobiology of Aging</i> , 2020, 92, 82-91.	1.5	20
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1372	Learning from the Past: A Review of Clinical Trials Targeting Amyloid, Tau and Neuroinflammation in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2020, 17, 112-125.	0.7	40
1373	The Important Interface Between Apolipoprotein E and Neuroinflammation in Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2020, 11, 754.	2.2	100
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1376	Key role of MIF-related neuroinflammation in neurodegeneration and cognitive impairment in Alzheimer's disease. <i>Molecular Medicine</i> , 2020, 26, 34.	1.9	46
1377	A Path Toward Precision Medicine for Neuroinflammatory Mechanisms in Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2020, 11, 456.	2.2	201
1378	The Genetics of Alzheimer's Disease in the Chinese Population. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2381.	1.8	10
1379	Assessment of TREM2 rs75932628 variant's association with Parkinson's disease in a Greek population and Meta-analysis of current data. <i>International Journal of Neuroscience</i> , 2021, 131, 544-548.	0.8	12
1380	Apolipoprotein E4 and meningeal lymphatics in Alzheimer disease: a conceptual framework. <i>Molecular Psychiatry</i> , 2021, 26, 1075-1097.	4.1	42
1381	Role of Microglia in Regulating Cholesterol and Tau Pathology in Alzheimer's Disease. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 651-668.	1.7	10
1382	Genetic testing in dementia – utility and clinical strategies. <i>Nature Reviews Neurology</i> , 2021, 17, 23-36.	4.9	26
1383	Knockdown of astrocytic TREM2 in the hippocampus relieves cognitive decline in elderly male mice. <i>Behavioural Brain Research</i> , 2021, 397, 112939.	1.2	3
1384	Functional insights from biophysical study of TREM2 interactions with apoE and $\text{A}\beta_{1-42}$ . <i>Alzheimer's and Dementia</i> , 2021, 17, 475-488.	0.4	31
1385	Dissecting Alzheimer's disease pathogenesis in human 2D and 3D models. <i>Molecular and Cellular Neurosciences</i> , 2021, 110, 103568.	1.0	30
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1400	Genetic Insights into Alzheimer's Disease. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2021, 16, 351-376.	9.6	11
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1414	GenoRisk: A polygenic risk score for Alzheimer's disease. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2021, 7, e12211.	1.8	7
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1419	Mitochondria-associated endoplasmic reticulum membranes: At the crossroad between familial and sporadic Alzheimer's disease. Synapse, 2021, 75, e22196.	0.6	8
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1425	Cerebrospinal Fluid Biomarkers of Alzheimer's Disease: Current Evidence and Future Perspectives. Brain Sciences, 2021, 11, 215.	1.1	58
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1433	Stem Cell Therapies in Alzheimer's Disease: Applications for Disease Modeling. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, 377, 207-217.	1.3	22
1434	Insight into the role of phosphatidylserine in complement-mediated synapse loss in Alzheimer's disease. <i>Faculty Reviews</i> , 2021, 10, 19.	1.7	17
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1439	Genome-wide meta-analysis, fine-mapping and integrative prioritization implicate new Alzheimer's disease risk genes. <i>Nature Genetics</i> , 2021, 53, 392-402.	9.4	258
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1448	The Role of Microglia in Inherited White-Matter Disorders and Connections to Frontotemporal Dementia. <i>The Application of Clinical Genetics</i> , 2021, Volume 14, 195-207.	1.4	12
1449	Animal and Cellular Models of Alzheimer's Disease: Progress, Promise, and Future Approaches. <i>Neuroscientist</i> , 2022, 28, 572-593.	2.6	11
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1454	Microglia regulate synaptic development and plasticity. <i>Developmental Neurobiology</i> , 2021, 81, 568-590.	1.5	81
1455	Set-Based Rare Variant Expression Quantitative Trait Loci in Blood and Brain from Alzheimer Disease Study Participants. <i>Genes</i> , 2021, 12, 419.	1.0	6
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1460	Origins, Biology, and Diseases of Tissue Macrophages. <i>Annual Review of Immunology</i> , 2021, 39, 313-344.	9.5	88
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