

Localization and Cell Association of C1q in Alzheimer's

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Î²-Amyloid converts an acute phase injury response to chronic injury responses. <i>Neurobiology of Aging</i> , 1996, 17, 723-731.	1.5	101
2	Complement interactions with amyloid Î²1â€“42: A nidus for inflammation in AD brains. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 1997, 4, 147-156.	1.4	32
3	Animal models of cerebral Î²-amyloid angiopathy. <i>Brain Research Reviews</i> , 1997, 25, 70-84.	9.1	94
4	Aspartate residue 7 in amyloid Î²-protein is critical for classical complement pathway activation: Implications for Alzheimer's disease pathogenesis. <i>Nature Medicine</i> , 1997, 3, 077-079.	15.2	134
5	Neurons express proteins of the classical complement pathway in Alzheimer disease. <i>Brain Research</i> , 1997, 769, 385-390.	1.1	133
6	Inhibiting the formation of classical C3-convertase on the Alzheimer's Î²-amyloid peptide. <i>Immunopharmacology</i> , 1997, 38, 101-109.	2.0	23
7	Gene expression of C1q A-chain in the rat facial nucleus after axotomy. <i>Neuropathology</i> , 1998, 18, 179-187.	0.7	0
8	Expression and regulation of complement C1q by human THP-1-derived macrophages. <i>Molecular and Chemical Neuropathology</i> , 1998, 34, 197-218.	1.0	31
9	Rat Microglia Exhibit Increased Density on Alzheimer's Plaques in Vitro. <i>Experimental Neurology</i> , 1998, 149, 42-50.	2.0	11
10	Inflammation and Alzheimer's Disease: Relationships between Pathogenic Mechanisms and Clinical Expression. <i>Experimental Neurology</i> , 1998, 154, 89-98.	2.0	92
11	Î²-Amyloid Induces Local Neurite Degeneration in Cultured Hippocampal Neurons: Evidence for Neuritic Apoptosis. <i>Neurobiology of Disease</i> , 1998, 5, 365-378.	2.1	163
12	Gene Expression in Scrapie. <i>Journal of Biological Chemistry</i> , 1998, 273, 7691-7697.	1.6	139
13	In stroke, complement will get you nowhere. <i>Nature Medicine</i> , 1999, 5, 995-996.	15.2	29
14	Complement regulators C1 inhibitor and CD59 do not significantly inhibit complement activation in Alzheimer disease. <i>Brain Research</i> , 1999, 833, 297-301.	1.1	60
15	Anti-inflammatory substances â€“ a new therapeutic option in Alzheimer's disease. <i>Drug Discovery Today</i> , 1999, 4, 275-282.	3.2	25
16	Neuronal Protection in Stroke by an sLex-Glycosylated Complement Inhibitory Protein. <i>Science</i> , 1999, 285, 595-599.	6.0	328
17	The mouse C1q A-chain sequence alters beta-amyloid-induced complement activationâ†. <i>Neurobiology of Aging</i> , 1999, 20, 297-304.	1.5	44
18	Cloning and characterization of CRF, a novel C1q-related factor, expressed in areas of the brain involved in motor function. <i>Molecular Brain Research</i> , 1999, 63, 233-240.	2.5	31

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19	Up-Regulated Production and Activation of the Complement System in Alzheimer's Disease Brain. <i>American Journal of Pathology</i> , 1999, 154, 927-936.	1.9	300
20	The Presence of Isoaspartic Acid in β -Amyloid Plaques Indicates Plaque Age. <i>Experimental Neurology</i> , 1999, 157, 277-288.	2.0	55
21	Inflammation of the brain in Alzheimer's disease: implications for therapy. <i>Journal of Leukocyte Biology</i> , 1999, 65, 409-415.	1.5	192
22	Complement components of the innate immune system in health and disease in the CNS. <i>Immunopharmacology</i> , 2000, 49, 171-186.	2.0	324
24	Okadaic Acid Induces Cycloheximide and Caspase Sensitive Apoptosis in Immature Neurons. <i>Molecules and Cells</i> , 2000, 10, 83-89.	1.0	12
25	Complement C1q Is Dramatically Up-Regulated in Brain Microglia in Response to Transient Global Cerebral Ischemia. <i>Journal of Immunology</i> , 2000, 164, 5446-5452.	0.4	146
26	Anti-inflammatory drugs: a hope for Alzheimer's disease?. <i>Expert Opinion on Investigational Drugs</i> , 2000, 9, 671-683.	1.9	46
27	Complement Component C1q Modulates the Phagocytosis of β by Microglia. <i>Experimental Neurology</i> , 2000, 161, 127-138.	2.0	115
28	Calreticulin Binding and Other Biological Activities of Survival Peptide Y-P30 Including Effects of Systemic Treatment of Rats. <i>Experimental Neurology</i> , 2000, 163, 457-468.	2.0	29
29	Temporal Accrual of Complement Proteins in Amyloid Plaques in Down's Syndrome with Alzheimer's Disease. <i>American Journal of Pathology</i> , 2000, 156, 489-499.	1.9	157
30	Enhanced levels of scrapie responsive gene mRNA in BSE-infected mouse brain. <i>Molecular Brain Research</i> , 2000, 76, 173-179.	2.5	35
31	Hypoxia-induced expression of C1q, a subcomponent of the complement system, in cultured rat PC12 Cells. <i>Neuroscience Letters</i> , 2000, 291, 151-154.	1.0	15
32	Inflammation and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2000, 21, 383-421.	1.5	4,069
33	Serum amyloid A in Alzheimer's disease brain is predominantly localized to myelin sheaths and axonal membrane. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2000, 7, 105-110.	1.4	35
34	Complement Association with Neurons and β -Amyloid Deposition in the Brains of Aged Individuals with Down Syndrome. <i>Neurobiology of Disease</i> , 2001, 8, 252-265.	2.1	89
35	Inflammatory Responses to Amyloidosis in a Transgenic Mouse Model of Alzheimer's Disease. <i>American Journal of Pathology</i> , 2001, 158, 1345-1354.	1.9	275
36	Complement in Alzheimer's disease: opportunities for modulating protective and pathogenic events. <i>Neurobiology of Aging</i> , 2001, 22, 849-861.	1.5	83
37	Endogenous brain cytokine mRNA and inflammatory responses to lipopolysaccharide are elevated in the Tg2576 transgenic mouse model of Alzheimer's disease. <i>Brain Research Bulletin</i> , 2001, 56, 581-588.	1.4	175

#	ARTICLE	IF	CITATIONS
38	Inflammation, Free Radicals, Glycation, Metabolism and Apoptosis, and Heavy Metals. , 2001, , 349-371.		2
39	Molecular and cellular mediators of Alzheimer's disease inflammation. <i>Journal of Alzheimer's Disease</i> , 2001, 3, 131-157.	1.2	48
40	The Role of the Complement Cascade in Ischemia/Reperfusion Injury: Implications for Neuroprotection. <i>Molecular Medicine</i> , 2001, 7, 367-382.	1.9	139
41	Cyclooxygenase and Alzheimer's disease: implications for preventive initiatives to slow the progression of clinical dementia. <i>Archives of Gerontology and Geriatrics</i> , 2001, 33, 13-28.	1.4	62
42	Immobilized amyloid precursor protein constructs: a tool for their vitroscreening of glial cell reactivity. <i>European Journal of Neuroscience</i> , 2001, 14, 946-956.	1.2	15
43	IL-4, IL-10 and IL-13 modulate A β (1-42)-induced cytokine and chemokine production in primary murine microglia and a human monocyte cell line. <i>Journal of Neuroimmunology</i> , 2001, 113, 49-62.	1.1	240
44	Amyloid-beta peptide fragments p3 and p4 induce pro-inflammatory cytokine and chemokine production in vitro and in vivo. <i>Journal of Neurochemistry</i> , 2001, 77, 304-317.	2.1	77
45	Pathogenesis of prion diseases: possible implications of microglial cells. <i>Progress in Brain Research</i> , 2001, 132, 737-750.	0.9	17
46	Complement Activation in Chromosome 13 Dementias. <i>Journal of Biological Chemistry</i> , 2002, 277, 49782-49790.	1.6	59
47	Molecular pathophysiology in Tay-Sachs and Sandhoff diseases as revealed by gene expression profiling. <i>Human Molecular Genetics</i> , 2002, 11, 1343-1351.	1.4	143
48	Non-steroidal Anti-inflammatory Drugs Stimulate Secretion of Non-amyloidogenic Precursor Protein. <i>Journal of Biological Chemistry</i> , 2002, 277, 31466-31473.	1.6	77
49	Constitutive expression of proinflammatory complement components by subsets of neurons in the central nervous system. <i>Journal of Neuroimmunology</i> , 2002, 123, 91-101.	1.1	29
50	Induction of the complement component C1qB in brain of transgenic mice with neuronal overexpression of human cyclooxygenase-2. <i>Acta Neuropathologica</i> , 2002, 103, 157-162.	3.9	27
51	Roles of the Complement System in Human Neurodegenerative Disorders. <i>Molecular Neurobiology</i> , 2002, 25, 001-018.	1.9	69
52	Amyloid β plaque-associated proteins C1q and SAP enhance the A β (1-42) peptide-induced cytokine secretion by adult human microglia in vitro. <i>Acta Neuropathologica</i> , 2003, 105, 135-144.	3.9	129
53	Yin and Yang: complement activation and regulation in Alzheimer's disease. <i>Progress in Neurobiology</i> , 2003, 70, 463-472.	2.8	89
54	Immune reactive cells in senile plaques and cognitive decline in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2003, 24, 321-331.	1.5	216
55	Innate immunity and brain inflammation: the key role of complement. <i>Expert Reviews in Molecular Medicine</i> , 2003, 5, 1-19.	1.6	59

#	ARTICLE	IF	CITATIONS
56	Molecular Identification of AMY, an Alzheimer Disease Amyloid-Associated Protein. <i>Journal of Neuropathology and Experimental Neurology</i> , 2003, 62, 1108-1117.	0.9	18
57	Astrocytes and microglia in Alzheimer's disease. <i>Advances in Molecular and Cell Biology</i> , 2003, 31, 883-899.	0.1	1
58	Absence of C1q Leads to Less Neuropathology in Transgenic Mouse Models of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2004, 24, 6457-6465.	1.7	295
59	Macrophage colony stimulatory factor and interferon-gamma trigger distinct mechanisms for augmentation of beta-amyloid-induced microglia-mediated neurotoxicity. <i>Journal of Neurochemistry</i> , 2004, 91, 623-633.	2.1	41
60	Complement C1q expression induced by A β in rat hippocampal organotypic slice cultures. <i>Experimental Neurology</i> , 2004, 185, 241-253.	2.0	30
61	Neuronal localization of C1q in preclinical Alzheimer's disease. <i>Neurobiology of Disease</i> , 2004, 15, 40-46.	2.1	67
62	Characterization of the Alzheimer's Disease-associated CLAC Protein and Identification of an Amyloid β -Peptide-binding Site. <i>Journal of Biological Chemistry</i> , 2005, 280, 1007-1015.	1.6	25
63	The role of inflammation in Alzheimer's disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 289-305.	1.2	627
64	Differential regulation of Abeta42-induced neuronal C1q synthesis and microglial activation. <i>Journal of Neuroinflammation</i> , 2005, 2, 1.	3.1	33
65	Early correlation of microglial activation with enhanced tumor necrosis factor-alpha and monocyte chemoattractant protein-1 expression specifically within the entorhinal cortex of triple transgenic Alzheimer's disease mice. <i>Journal of Neuroinflammation</i> , 2005, 2, 23.	3.1	213
66	Novel approaches for immunotherapeutic intervention in Alzheimer's disease. <i>Neurochemistry International</i> , 2006, 49, 113-126.	1.9	35
67	Tomoregulin-2 is found extensively in plaques in Alzheimer's disease brain. <i>Journal of Neurochemistry</i> , 2006, 98, 34-44.	2.1	17
68	Genetically determined susceptibility to neurodegeneration is associated with expression of inflammatory genes. <i>Neurobiology of Disease</i> , 2006, 24, 67-88.	2.1	16
69	The Double-Edged Flower: Roles of Complement Protein C1q in Neurodegenerative Diseases. , 2006, 586, 153-176.		32
70	CSMD1 Is a Novel Multiple Domain Complement-Regulatory Protein Highly Expressed in the Central Nervous System and Epithelial Tissues. <i>Journal of Immunology</i> , 2006, 176, 4419-4430.	0.4	174
71	Complement Component 1Q (C1Q) Upregulation in Retina of Murine, Primate, and Human Glaucomatous Eyes. , 2006, 47, 1024.		187
72	Toxicity from different SOD1 mutants dysregulates the complement system and the neuronal regenerative response in ALS motor neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7319-7326.	3.3	124
73	Generation of Inhibitory NF κ B Complexes and Phosphorylated cAMP Response Element-binding Protein Correlates with the Anti-inflammatory Activity of Complement Protein C1q in Human Monocytes. <i>Journal of Biological Chemistry</i> , 2007, 282, 7360-7367.	1.6	61

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74	Proteomic analysis of brain tissue from an Alzheimer's disease mouse model by two-dimensional difference gel electrophoresis. <i>Neurobiology of Aging</i> , 2007, 28, 357-370.	1.5	42
75	Effect of HMG-CoA Reductase Inhibitors on β -Amyloid Peptide Levels. <i>CNS Drugs</i> , 2007, 21, 449-462.	2.7	53
76	Induction of complement proteins in a mouse model for cerebral microvascular $A\beta$ deposition. <i>Journal of Neuroinflammation</i> , 2007, 4, 22.	3.1	39
77	Complement component C1q inhibits $A\beta$ -amyloid and serum amyloid P induced neurotoxicity via caspase and calpain independent mechanisms. <i>Journal of Neurochemistry</i> , 2008, 104, 696-707.	2.1	88
78	Amyloid- β peptide fragments p3 and p4 induce pro-inflammatory cytokine and chemokine production in vitro and in vivo. <i>Journal of Neurochemistry</i> , 2008, 77, 304-317.	2.1	3
80	Complement C3 and C4 expression in C1q sufficient and deficient mouse models of Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2008, 106, 2080-2092.	2.1	111
81	The complement cascade: Yin-Yang in neuroinflammation neuroprotection and degeneration. <i>Journal of Neurochemistry</i> , 2008, 107, 1169-1187.	2.1	152
82	Purification and characterization of a recombinant human testican-2 expressed in baculovirus-infected Sf9 insect cells. <i>Protein Expression and Purification</i> , 2008, 58, 132-139.	0.6	4
83	Molecular and cellular aspects of protein misfolding and disease. <i>FASEB Journal</i> , 2008, 22, 2115-2133.	0.2	168
84	A Novel C1q Family Member of Amphioxus Was Revealed to Have a Partial Function of Vertebrate C1q Molecule. <i>Journal of Immunology</i> , 2008, 181, 7024-7032.	0.4	47
85	Stem Cells in Niemann-Pick Disease. <i>Disease Markers</i> , 2008, 24, 231-238.	0.6	8
86	Treatment with a C5aR Antagonist Decreases Pathology and Enhances Behavioral Performance in Murine Models of Alzheimer's Disease. <i>Journal of Immunology</i> , 2009, 183, 1375-1383.	0.4	229
87	Inflammation in Alzheimer's disease: Amyloid- β oligomers trigger innate immunity defence via pattern recognition receptors. <i>Progress in Neurobiology</i> , 2009, 87, 181-194.	2.8	310
88	The role of the anaphylatoxins in health and disease. <i>Molecular Immunology</i> , 2009, 46, 2753-2766.	1.0	582
89	Expression of complement system components during aging and amyloid deposition in APP transgenic mice. <i>Journal of Neuroinflammation</i> , 2009, 6, 35.	3.1	90
90	The Role of the Complement System and the Activation Fragment C5a in the Central Nervous System. <i>NeuroMolecular Medicine</i> , 2010, 12, 179-192.	1.8	136
91	Microglial C5aR (CD88) expression correlates with amyloid- β deposition in murine models of Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2010, 113, 389-401.	2.1	76
92	Dual Induction of TREM2 and Tolerance-Related Transcript, Tmem176b, in Amyloid Transgenic Mice: Implications for Vaccine-Based Therapies for Alzheimer's Disease. <i>ASN Neuro</i> , 2010, 2, AN20100010.	1.5	118

#	ARTICLE	IF	CITATIONS
93	Effects of cyclosporin A administration on gene expression in rat brain. <i>Brain Injury</i> , 2011, 25, 614-623.	0.6	7
94	Complement in the brain. <i>Molecular Immunology</i> , 2011, 48, 1592-1603.	1.0	345
95	Apolipoprotein E isoforms and regulation of the innate immune response in brain of patients with Alzheimer's disease. <i>Current Opinion in Neurobiology</i> , 2011, 21, 920-928.	2.0	85
96	Contribution of complement activation pathways to neuropathology differs among mouse models of Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2011, 8, 4.	3.1	76
97	Extensive innate immune gene activation accompanies brain aging, increasing vulnerability to cognitive decline and neurodegeneration: a microarray study. <i>Journal of Neuroinflammation</i> , 2012, 9, 179.	3.1	423
98	Complement receptor 1 (CR1) and Alzheimer's disease. <i>Immunobiology</i> , 2012, 217, 244-250.	0.8	107
99	Alzheimer's Disease: Redox Dysregulation As a Common Denominator for Diverse Pathogenic Mechanisms. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 974-1031.	2.5	163
100	Frontal Cortex Neuropathology in Dementia Pugilistica. <i>Journal of Neurotrauma</i> , 2012, 29, 1054-1070.	1.7	77
101	A Review: Inflammatory Process in Alzheimer's Disease, Role of Cytokines. <i>Scientific World Journal</i> , The, 2012, 2012, 1-15.	0.8	626
102	Microglia, Alzheimer's Disease, and Complement. <i>International Journal of Alzheimer's Disease</i> , 2012, 2012, 1-10.	1.1	55
103	Alzheimer's disease: pathological mechanisms and the beneficial role of melatonin. <i>Journal of Pineal Research</i> , 2012, 52, 167-202.	3.4	255
104	Complement activation fragment C5a receptors, CD88 and C5L2, are associated with neurofibrillary pathology. <i>Journal of Neuroinflammation</i> , 2013, 10, 25.	3.1	33
105	From development to dysfunction: Microglia and the complement cascade in CNS homeostasis. <i>Ageing Research Reviews</i> , 2013, 12, 749-756.	5.0	82
107	What does complement do in Alzheimer's disease? Old molecules with new insights. <i>Translational Neurodegeneration</i> , 2013, 2, 21.	3.6	58
108	Molecular Dissection of Cyclosporin A's Neuroprotective Effect Reveals Potential Therapeutics for Ischemic Brain Injury. <i>Brain Sciences</i> , 2013, 3, 1325-1356.	1.1	10
109	White Matter Injury Due to Experimental Chronic Cerebral Hypoperfusion Is Associated with C5 Deposition. <i>PLoS ONE</i> , 2013, 8, e84802.	1.1	23
110	Sublime Microglia: Expanding Roles for the Guardians of the CNS. <i>Cell</i> , 2014, 158, 15-24.	13.5	441
111	Microglia receptors and their implications in the response to amyloid β^2 for Alzheimer's disease pathogenesis. <i>Journal of Neuroinflammation</i> , 2014, 11, 48.	3.1	269

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112	Complement Protein C1q Modulates Neurite Outgrowth <i>In Vitro</i> and Spinal Cord Axon Regeneration <i>In Vivo</i> . <i>Journal of Neuroscience</i> , 2015, 35, 4332-4349.	1.7	54
113	Analysis of the Putative Role of CR1 in Alzheimer's Disease: Genetic Association, Expression and Function. <i>PLoS ONE</i> , 2016, 11, e0149792.	1.1	77
114	Therapeutic targeting of complement to modify disease course and improve outcomes in neurological conditions. <i>Seminars in Immunology</i> , 2016, 28, 292-308.	2.7	66
115	Interactions between inflammation, sex steroids, and Alzheimer's disease risk factors. <i>Frontiers in Neuroendocrinology</i> , 2016, 43, 60-82.	2.5	81
116	Association Between Microglia, Inflammatory Factors, and Complement with Loss of Hippocampal Mossy Fiber Synapses Induced by Trimethyltin. <i>Neurotoxicity Research</i> , 2016, 30, 53-66.	1.3	17
117	Microglia in Alzheimer's disease: A multifaceted relationship. <i>Brain, Behavior, and Immunity</i> , 2016, 55, 138-150.	2.0	98
118	C5a Increases the Injury to Primary Neurons Elicited by Fibrillar Amyloid Beta. <i>ASN Neuro</i> , 2017, 9, 175909141668787.	1.5	33
119	Microglial complement receptor 3 regulates brain A β levels through secreted proteolytic activity. <i>Journal of Experimental Medicine</i> , 2017, 214, 1081-1092.	4.2	100
121	Glial contributions to neurodegeneration in tauopathies. <i>Molecular Neurodegeneration</i> , 2017, 12, 50.	4.4	283
122	Prevention of C5aR1 signaling delays microglial inflammatory polarization, favors clearance pathways and suppresses cognitive loss. <i>Molecular Neurodegeneration</i> , 2017, 12, 66.	4.4	64
123	Contribution of Neurons and Glial Cells to Complement-Mediated Synapse Removal during Development, Aging and in Alzheimer's Disease. <i>Mediators of Inflammation</i> , 2018, 2018, 1-12.	1.4	54
124	Human Cord Blood Serum-Derived APP β -Secretase Cleavage Activity is Mediated by C1 Complement. <i>Cell Transplantation</i> , 2018, 27, 666-676.	1.2	3
125	New tricks for an ancient system: Physiological and pathological roles of complement in the CNS. <i>Molecular Immunology</i> , 2018, 102, 3-13.	1.0	85
126	Development of Multifunctional Molecules as Potential Therapeutic Candidates for Alzheimer's Disease, Parkinson's Disease, and Amyotrophic Lateral Sclerosis in the Last Decade. <i>Chemical Reviews</i> , 2019, 119, 1221-1322.	23.0	360
127	Intersection of pathological tau and microglia at the synapse. <i>Acta Neuropathologica Communications</i> , 2019, 7, 109.	2.4	119
128	Microglia: Lifelong modulator of neural circuits. <i>Neuropathology</i> , 2019, 39, 173-180.	0.7	34
129	Proteomic signatures of neuroinflammation in Alzheimer's disease, multiple sclerosis and ischemic stroke. <i>Expert Review of Proteomics</i> , 2019, 16, 601-611.	1.3	14
130	Neurochemical Aspects of Alzheimer's Type of Dementia. , 2019, , 73-112.		1

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131	Phagocytosis in the Brain: Homeostasis and Disease. <i>Frontiers in Immunology</i> , 2019, 10, 790.	2.2	206
132	Immune Signaling in Neurodegeneration. <i>Immunity</i> , 2019, 50, 955-974.	6.6	217
133	Conservation of the Amyloid Interactome Across Diverse Fibrillar Structures. <i>Scientific Reports</i> , 2019, 9, 3863.	1.6	13
134	Relationship between long non-coding RNAs and Alzheimer's disease: a systematic review. <i>Pathology Research and Practice</i> , 2019, 215, 12-20.	1.0	17
135	Neuroimmune nexus of depression and dementia: Shared mechanisms and therapeutic targets. <i>British Journal of Pharmacology</i> , 2019, 176, 3558-3584.	2.7	17
136	Astrocytes and the TGF- β 1 Pathway in the Healthy and Diseased Brain: a Double-Edged Sword. <i>Molecular Neurobiology</i> , 2019, 56, 4653-4679.	1.9	91
137	Classical complement cascade initiating C1q protein within neurons in the aged rhesus macaque dorsolateral prefrontal cortex. <i>Journal of Neuroinflammation</i> , 2020, 17, 8.	3.1	42
138	Study of the complement activation by amyloid aggregates of smooth muscle titin in vitro. <i>Journal of Immunoassay and Immunochemistry</i> , 2020, 41, 132-143.	0.5	2
139	The effect of insomnia on development of Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2020, 17, 289.	3.1	48
140	The good, the bad, and the opportunities of the complement system in neurodegenerative disease. <i>Journal of Neuroinflammation</i> , 2020, 17, 354.	3.1	133
141	C1q Regulates Horizontal Cell Neurite Confinement in the Outer Retina. <i>Frontiers in Neural Circuits</i> , 2020, 14, 583391.	1.4	10
142	Functional and Structural Characterization of a Potent C1q Inhibitor Targeting the Classical Pathway of the Complement System. <i>Frontiers in Immunology</i> , 2020, 11, 1504.	2.2	17
143	Alzheimer's Disease and Specialized Pro-Resolving Lipid Mediators: Do MaR1, RvD1, and NPD1 Show Promise for Prevention and Treatment?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5783.	1.8	19
144	Complement System Activation by Amyloid Aggregates of A β (1-40) and A β (1-42) Peptides: Facts and Hypotheses. <i>Biophysics (Russian Federation)</i> , 2020, 65, 18-21.	0.2	3
145	Amyloid Fibril-Induced Astrocytic Glutamate Transporter Disruption Contributes to Complement C1q-Mediated Microglial Pruning of Glutamatergic Synapses. <i>Molecular Neurobiology</i> , 2020, 57, 2290-2300.	1.9	18
146	Fully defined human pluripotent stem cell-derived microglia and tri-culture system model C3 production in Alzheimer's disease. <i>Nature Neuroscience</i> , 2021, 24, 343-354.	7.1	118
147	Apoptotic neurons and amyloid-beta clearance by phagocytosis in Alzheimer's disease: Pathological mechanisms and therapeutic outlooks. <i>European Journal of Pharmacology</i> , 2021, 895, 173873.	1.7	24
148	Bispecific Tau Antibodies with Additional Binding to C1q or Alpha-Synuclein. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 813-829.	1.2	2

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149	Alternative Targets to Fight Alzheimer's Disease: Focus on Astrocytes. <i>Biomolecules</i> , 2021, 11, 600.	1.8	16
150	Novel Monoclonal Antibodies Against Mouse C1q: Characterisation and Development of a Quantitative ELISA for Mouse C1q. <i>Molecular Neurobiology</i> , 2021, 58, 4323-4336.	1.9	4
151	Amyloids: The History of Toxicity and Functionality. <i>Biology</i> , 2021, 10, 394.	1.3	12
152	<i>Toxoplasma gondii</i> : A possible etiologic agent for Alzheimer's disease. <i>Heliyon</i> , 2021, 7, e07151.	1.4	13
153	Age-Dependent Hippocampal Proteomics in the APP/PS1 Alzheimer Mouse Model: A Comparative Analysis with Classical SWATH/DIA and directDIA Approaches. <i>Cells</i> , 2021, 10, 1588.	1.8	11
154	The Role of Complement in Synaptic Pruning and Neurodegeneration. <i>ImmunoTargets and Therapy</i> , 2021, Volume 10, 373-386.	2.7	64
155	Central Nervous System Diseases and Inflammation. , 2008, , 153-174.		4
156	Protein Expression Profile of Alzheimer's Disease Mouse Model Generated by Difference Gel Electrophoresis (DIGE) Approach. <i>Advances in Neurobiology</i> , 2011, , 489-510.	1.3	1
157	Strategies for Inhibition of Complement Activation in the Treatment of Neurodegenerative Diseases. , 1998, , 129-176.		7
158	Microglia and Alzheimer's disease. <i>Current Opinion in Hematology</i> , 1999, 6, 15.	1.2	120
160	C1qR, a myeloid cell receptor in blood, is predominantly expressed on endothelial cells in human tissue. <i>Journal of Leukocyte Biology</i> , 2001, 70, 793-800.	1.5	50
161	Microglia in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2020, 17, 29-43.	0.7	13
163	Alzheimer's disease: An alternative approach. <i>Indian Journal of Medical Research</i> , 2017, 145, 723.	0.4	12
164	Role and regulation of early complement activation products in Alzheimer's disease. , 2001, , 67-87.		0
165	Amyloid β peptide interactions with the classical pathway of complement. , 2001, , 105-119.		0
166	Neurons. , 2001, , 225-236.		0
167	The role of cyclooxygenase in Alzheimer's disease neurodegeneration. , 2001, , 197-207.		0
168	Processo Inflamatório e Neuroimunomodulação na Doença de Alzheimer. <i>Revista Neurociências</i> , 2011, 19, 300-313.	0.0	0

#	ARTICLE	IF	CITATIONS
169	Trophic Factors and Cell Adhesion Molecules Can Drive Dysfunctional Plasticity and Senile Plaque Formation in Alzheimer's Disease through a Breakdown in Spatial and Temporal Regulation. , 1999, , 529-XVI.		0
170	Proceso inflamatorio en la enfermedad de Alzheimer. Papel de las citoquinas. , 2014, , 121-156.		0
173	Morphological Representation of C1q in the Aging Central Nervous System. Pharmacopsychiatry, 2022, 55, 203-210.	1.7	2
174	Microglia and monocytes in inflammatory CNS disease: integrating phenotype and function. Acta Neuropathologica, 2022, 143, 179-224.	3.9	82
175	The Dual Nature of Microglia in Alzheimer's Disease: A Microglia-Neuron Crosstalk Perspective. Neuroscientist, 2023, 29, 616-638.	2.6	4
193	The cholesteryl ester transfer protein (CETP) raises cholesterol levels in the brain. Journal of Lipid Research, 2022, 63, 100260.	2.0	7
194	C5aR1 antagonism alters microglial polarization and mitigates disease progression in a mouse model of Alzheimer's disease. Acta Neuropathologica Communications, 2022, 10, .	2.4	14
195	Plasma microRNAs as potential biomarkers in early Alzheimer disease expression. Scientific Reports, 2022, 12, .	1.6	11
198	Synapse integrity and function: Dependence on protein synthesis and identification of potential failure points. Frontiers in Molecular Neuroscience, 0, 15, .	1.4	2
199	Integrative Bioinformatics Analysis of mRNA Expression Profiles of Mice to Explore the Key Genes Involved in Crim1 Mutation-Induced Congenital Cataracts. Biochemical Genetics, 0, , .	0.8	0
200	C1q is increased in cerebrospinal fluid-derived extracellular vesicles in Alzheimer's disease: A multi-cohort proteomics and immunoassay validation study. Alzheimer's and Dementia, 2023, 19, 4828-4840.	0.4	5
202	Structural Proteomic Profiling of Cerebrospinal Fluids to Reveal Novel Conformational Biomarkers for Alzheimer's Disease. Journal of the American Society for Mass Spectrometry, 2023, 34, 459-471.	1.2	0