## Molecular and Cellular Characterization of the Membra Alzheimerâ€s™Disease

Neurobiology of Aging 18, 415-421 DOI: 10.1016/s0197-4580(97)00042-0

**Citation Report** 

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Alzheimer's β-amyloid peptides induce inflammatory cascade in human vascular cells: the roles of cytokines and CD40. Brain Research, 1998, 807, 110-117.   | 1.1 | 109       |
| 2  | Expression of complement C4 and C9 genes by human astrocytes. Brain Research, 1998, 809, 31-38.  | 1.1 | 42        |
| 3  | The importance of inflammatory mechanisms in alzheimer disease. Experimental Gerontology, 1998, 33, 371-378.   | 1.2 | 325       |
| 4  | Cyclooxygenase and inflammation in Alzheimer's disease: Experimental approaches and clinical interventions. Journal of Neuroscience Research, 1998, 54, 1-6.   | 1.3 | 171       |
| 5  | Expression and regulation of complement C1q by human THP-1-derived macrophages. Molecular and Chemical Neuropathology, 1998, 34, 197-218.  | 1.0 | 31        |
| 6  | Pro-inflammatory complement activation by the Aβ peptide of Alzheimer's disease is biologically<br>significant and can be blocked by vaccinia virus complement control protein. Neurobiology of Aging,<br>1998, 19, 619-627. | 1.5 | 44        |
| 7  | The contribution of inflammation to acute and chronic neurodegeneration. Research in Immunology, 1998, 149, 721-725.   | 0.9 | 33        |
| 8  | ALZHEIMER'S DISEASE: Genetic Studies and Transgenic Models. Annual Review of Genetics, 1998, 32, 461-493.  | 3.2 | 384       |
| 9  | Inhibition of Complement as a Therapeutic Approach in Inflammatory Central Nervous System (CNS)<br>Disease. Molecular Medicine, 1999, 5, 569-582.  | 1.9 | 42        |
| 10 | COX-2 and Alzheimer's disease: potential roles in inflammation and neurodegeneration. Expert Opinion on Investigational Drugs, 1999, 8, 1521-1536.   | 1.9 | 51        |
| 11 | Complement regulators C1 inhibitor and CD59 do not significantly inhibit complement activation in<br>Alzheimer disease. Brain Research, 1999, 833, 297-301.  | 1.1 | 60        |
| 12 | A unifying hypothesis of Alzheimer's disease. II. Pathophysiological processes. Human<br>Psychopharmacology, 1999, 14, 525-581.  | 0.7 | 27        |
| 13 | Nonsteroidal Anti-Inflammatory Drugs and Alzheimer??s Disease. CNS Drugs, 1999, 11, 207-224.   | 2.7 | 10        |
| 14 | Emerging strategies for the treatment of Alzheimer's disease at the Millennium. Expert Opinion on<br>Emerging Drugs, 1999, 4, 35-86.   | 1.1 | 1         |
| 15 | The mouse C1q A-chain sequence alters beta-amyloid-induced complement activationâ~†. Neurobiology of<br>Aging, 1999, 20, 297-304.  | 1.5 | 44        |
| 16 | Up-Regulated Production and Activation of the Complement System in Alzheimer's Disease Brain.<br>American Journal of Pathology, 1999, 154, 927-936.  | 1.9 | 300       |
| 17 | The Presence of Isoaspartic Acid in β-Amyloid Plaques Indicates Plaque Age. Experimental Neurology,<br>1999, 157, 277-288.   | 2.0 | 55        |
| 18 | Increased Complement Biosynthesis By Microglia and Complement Activation on Neurons in<br>Huntington's Disease. Experimental Neurology, 1999, 159, 362-376.  | 2.0 | 280       |

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Inflammation of the brain in Alzheimer's disease: implications for therapy. Journal of Leukocyte<br>Biology, 1999, 65, 409-415.                            | 1.5 | 192       |
| 20 | New Anti-inflammatory Treatment Strategy in Alzheimer's Disease. The Japanese Journal of<br>Pharmacology, 2000, 82, 85-94.                                 | 1.2 | 52        |
| 21 | Complement components of the innate immune system in health and disease in the CNS.<br>Immunopharmacology, 2000, 49, 171-186.                              | 2.0 | 324       |
| 22 | The role of complement anaphylatoxin C5a in neurodegeneration: implications in Alzheimer's disease.<br>Journal of Neuroimmunology, 2000, 105, 124-130.     | 1.1 | 78        |
| 23 | Expression of complement messenger RNAs by human endothelial cells. Brain Research, 2000, 871, 1-6.  | 1.1 | 20        |
| 24 | Deficiency of Complement Defense Protein CD59 May Contribute to Neurodegeneration in Alzheimer's<br>Disease. Journal of Neuroscience, 2000, 20, 7505-7509. | 1.7 | 127       |
| 25 | Complement Component C1q Modulates the Phagocytosis of AÎ <sup>2</sup> by Microglia. Experimental Neurology, 2000, 161, 127-138.                           | 2.0 | 115       |
| 26 | The cause of neuronal degeneration in Alzheimer's disease. Progress in Neurobiology, 2000, 60, 139-165.  | 2.8 | 226       |
| 27 | Inflammation and Alzheimer's disease. Neurobiology of Aging, 2000, 21, 383-421.  | 1.5 | 4,069     |
| 28 | The role of complement in Alzheimer's disease pathology. Biochimica Et Biophysica Acta - Molecular<br>Basis of Disease, 2000, 1502, 158-171.               | 1.8 | 84        |
| 29 | TREATMENT OF ALZHEIMER'S DISEASE. Neurologic Clinics, 2000, 18, 807-827.   | 0.8 | 34        |
| 30 | Cellular and molecular mechanisms of Alzheimer's disease inflammation. , 2001, , 3-49.   |     | 0         |
| 31 | Inflammation, autotoxicity and Alzheimer disease. Neurobiology of Aging, 2001, 22, 799-809.  | 1.5 | 452       |
| 32 | Complement in Alzheimer's disease: opportunities for modulating protective and pathogenic events.<br>Neurobiology of Aging, 2001, 22, 849-861.             | 1.5 | 83        |
| 33 | Complement activation by neurofibrillary tangles in Alzheimer's disease. Neuroscience Letters, 2001, 305, 165-168.   | 1.0 | 153       |
| 34 | Say NO to Alzheimer's disease: the putative links between nitric oxide and dementia of the Alzheimer's type. Brain Research Reviews, 2001, 35, 73-96.      | 9.1 | 284       |
| 35 | Chronic inflammation in Alzheimer's disease offers therapeutic opportunities. Expert Review of Neurotherapeutics, 2001, 1, 53-60.                          | 1.4 | 14        |
| 36 | Molecular and cellular mediators of Alzheimer's disease inflammation. Journal of Alzheimer's Disease, 2001, 3, 131-157.                                    | 1.2 | 48        |

|    | CITAT  | ION REPORT |           |
|----|--|------------|-----------|
| #  | Article  | IF         | CITATIONS |
| 37 | Cyclooxygenase and Alzheimer's disease: implications for preventive initiatives to slow the progression of clinical dementia. Archives of Gerontology and Geriatrics, 2001, 33, 13-28.   | 1.4        | 62        |
| 38 | Induction of complement C9 messenger RNAs in human neuronal cells by inflammatory stimuli:<br>relevance to neurodegenerative disorders. Experimental Gerontology, 2001, 36, 1179-1188.   | 1.2        | 13        |
| 39 | The Alzheimer's AÂ-peptide is deposited at sites of complement activation in pathologic deposits<br>associated with aging and age-related macular degeneration. Proceedings of the National Academy of<br>Sciences of the United States of America, 2002, 99, 11830-11835. | 3.3        | 424       |
| 40 | Complement Activation in Chromosome 13 Dementias. Journal of Biological Chemistry, 2002, 277, 49782-49790.   | 1.6        | 59        |
| 41 | Detection and Analysis of Synaptosis. , 2002, , 177-203.   |            | 0         |
| 42 | Interleukin-6 and risk of cognitive decline. Neurology, 2002, 59, 371-378.   | 1.5        | 482       |
| 43 | Cyclooxygenase as a Target for the Antiamyloidogenic Activities of Nonsteroidal Anti-Inflammatory<br>Drugs in Alzheimer's Disease. NeuroSignals, 2002, 11, 293-297.  | 0.5        | 13        |
| 44 | Amyloid β-peptide and amyloid pathology are central to the oxidative stress and inflammatory cascades under which Alzheimer's disease brain exists. Journal of Alzheimer's Disease, 2002, 4, 193-201.  | 1.2        | 155       |
| 46 | Inflammation in Neurodegenerative Disease—A Double-Edged Sword. Neuron, 2002, 35, 419-432.   | 3.8        | 1,075     |
| 47 | Fleeting Activation of Ionotropic Glutamate Receptors Sensitizes Cortical Neurons to Complement Attack. Neuron, 2002, 36, 363-374.   | 3.8        | 26        |
| 48 | The possible role of complement activation in Alzheimer disease. Trends in Molecular Medicine, 2002,<br>8, 519-523.  | 3.5        | 79        |
| 49 | Neuroinflammation and anti-inflammatory therapy for Alzheimer's disease. Advanced Drug Delivery<br>Reviews, 2002, 54, 1627-1656.   | 6.6        | 126       |
| 50 | Behavioural and histopathological analyses of ibuprofen treatment on the effect of aggregated Aβ(1–42) injections in the rat. Brain Research, 2002, 954, 1-10.   | 1.1        | 55        |
| 51 | The potential of anti-inflammatory drugs for the treatment of Alzheimer's disease. Lancet Neurology,<br>The, 2002, 1, 279-284.   | 4.9        | 188       |
| 52 | Microglia and inflammatory mechanisms in the clearance of amyloid ? peptide. Glia, 2002, 40, 260-269.  | 2.5        | 350       |
| 53 | Development of antiinflammatory therapy for Alzheimer's disease. Drug Development Research, 2002,<br>56, 421-427.  | 1.4        | 6         |
| 54 | Anti-inflammatory agents in Alzheimer's disease. Current Neurology and Neuroscience Reports, 2002<br>2, 405-409.   | , 2.0      | 19        |
| 55 | Local Neuroinflammation and the Progression of Alzheimer's Disease. Journal of NeuroVirology, 2002,<br>8, 529-538.   | 1.0        | 225       |

| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 56 | Roles of the Complement System in Human Neurodegenerative Disorders. Molecular Neurobiology, 2002, 25, 001-018.   | 1.9  | 69        |
| 57 | A Role for NOX NADPH Oxidases in Alzheimer's Disease and Other Types of Dementia?. IUBMB Life, 2003, 55, 307-313.   | 1.5  | 103       |
| 58 | Inhibition of C1q-\$beta;-amyloid binding protects hippocampal cells against complement mediated toxicity. Journal of Neuroimmunology, 2003, 137, 12-18.  | 1.1  | 24        |
| 59 | Expression of complement messenger RNAs and proteins by human oligodendroglial cells. Clia, 2003, 42, 417-423.  | 2.5  | 83        |
| 60 | Activation of Complement in the Central Nervous System. Annals of the New York Academy of Sciences, 2003, 992, 56-71.   | 1.8  | 212       |
| 61 | Yin and Yang: complement activation and regulation in Alzheimer's disease. Progress in Neurobiology, 2003, 70, 463-472.   | 2.8  | 89        |
| 62 | Inflammatory processes in Alzheimer's disease. Progress in Neuro-Psychopharmacology and Biological<br>Psychiatry, 2003, 27, 741-749.  | 2.5  | 445       |
| 63 | Is there a future for vaccination as a treatment for Alzheimer's disease?. Neurobiology of Aging, 2003, 24, 391-395.  | 1.5  | 39        |
| 64 | Biological markers for therapeutic trials in Alzheimer's disease. Neurobiology of Aging, 2003, 24,<br>521-536.  | 1.5  | 249       |
| 65 | Complement C5a Receptor-Mediated Signaling May Be Involved in Neurodegeneration in Alzheimer's<br>Disease. Journal of Immunology, 2003, 170, 5764-5771.   | 0.4  | 68        |
| 66 | Scintigraphic visualization of inflammation in neurodegenerative disorders. Nuclear Medicine Communications, 2003, 24, 209-221.   | 0.5  | 8         |
| 67 | Formation of Complement Membrane Attack Complex in Mammalian Cerebral Cortex Evokes Seizures and Neurodegeneration. Journal of Neuroscience, 2003, 23, 955-960.   | 1.7  | 133       |
| 68 | Specificity of mechanisms for plaque removal after AÎ <sup>2</sup> immunotherapy for Alzheimer disease. Nature<br>Medicine, 2004, 10, 117-118.  | 15.2 | 48        |
| 69 | Reply to "Specificity of mechanisms for plaque removal after Aβ immunotherapy for Alzheimer disease―<br>Nature Medicine, 2004, 10, 118-119.   | 15.2 | 12        |
| 70 | Inflammation and the Degenerative Diseases of Aging. Annals of the New York Academy of Sciences, 2004, 1035, 104-116.   | 1.8  | 441       |
| 71 | Peripheral Treatment with Enoxaparin, a Low Molecular Weight Heparin, Reduces Plaques and<br>Â-Amyloid Accumulation in a Mouse Model of Alzheimer's Disease. Journal of Neuroscience, 2004, 24,<br>4181-4186. | 1.7  | 158       |
| 72 | Activation of Complement Pathways after Contusion-Induced Spinal Cord Injury. Journal of Neurotrauma, 2004, 21, 1831-1846.  | 1.7  | 94        |
| 73 | Human oligodendroglial cells express low levels of C1 inhibitor and membrane cofactor protein mRNAs. Journal of Neuroinflammation, 2004, 1, 17.   | 3.1  | 6         |

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 74 | Using animal models to determine the significance of complement activation in Alzheimer's disease.<br>Journal of Neuroinflammation, 2004, 1, 18.   | 3.1 | 13        |
| 75 | Complement C1q expression induced by Aβ in rat hippocampal organotypic slice cultures. Experimental Neurology, 2004, 185, 241-253.   | 2.0 | 30        |
| 76 | Transgenic mice overexpressing amyloid beta protein are an incomplete model of Alzheimer disease.<br>Experimental Neurology, 2004, 188, 52-64.   | 2.0 | 102       |
| 77 | CCAAT/enhancer binding protein δ (C/EBPÎ́) expression and elevation in Alzheimer's disease. Neurobiology<br>of Aging, 2004, 25, 991-999.   | 1.5 | 76        |
| 78 | Early complement activation increases in the brain in some aged normal subjects. Neurobiology of Aging, 2004, 25, 1001-1007.   | 1.5 | 17        |
| 79 | Terminal Complement Complex: Regulation of Formation and Pathophysiological Functions. , 2004, , 97-127.   |     | 8         |
| 80 | Chronic intracerebroventricular infusion of lipopolysaccharide: effects of ibuprofen treatment and behavioural and histopathological correlates. Behavioural Pharmacology, 2005, 16, 531-541.  | 0.8 | 21        |
| 81 | The role of group I metabotropic glutamate receptors in neuronal excitotoxicity in alzheimer's<br>disease. Neurotoxicity Research, 2005, 7, 125-141.   | 1.3 | 34        |
| 82 | Altered Cytokine and Acute Phase Response Protein Levels in the Blood of Children with Downs<br>Syndrome: Relationship with Dementia of Alzheimer's Type. International Journal of Immunopathology<br>and Pharmacology, 2005, 18, 165-172. | 1.0 | 54        |
| 83 | Evidence that immunoglobulin-positive neurons in Alzheimer's disease are dying via the classical<br>antibody-dependent complement pathway. American Journal of Alzheimer's Disease and Other<br>Dementias, 2005, 20, 144-150.              | 0.9 | 34        |
| 84 | Add Alzheimer's disease to the list of autoimmune diseases. Medical Hypotheses, 2005, 64, 458-463.   | 0.8 | 103       |
| 85 | The role of inflammation in Alzheimer's disease. International Journal of Biochemistry and Cell<br>Biology, 2005, 37, 289-305.   | 1.2 | 627       |
| 86 | Is there a Future for Cyclo-Oxygenase Inhibitors in Alzheimer???s Disease?. CNS Drugs, 2006, 20, 85-98.  | 2.7 | 22        |
| 87 | Amyloid-β Peptide Remnants in AN-1792-Immunized Alzheimer's Disease Patients. American Journal of<br>Pathology, 2006, 169, 1048-1063.  | 1.9 | 196       |
| 88 | Complement activation in the Parkinson's disease substantia nigra: an immunocytochemical study.<br>Journal of Neuroinflammation, 2006, 3, 29.  | 3.1 | 110       |
| 89 | A Hundred Years of Alzheimer's Disease Research. Neuron, 2006, 52, 3-13.   | 3.8 | 427       |
| 90 | Microglia Activation in the Brain as Inflammatory Biomarker of Alzheimer's Disease Neuropathology<br>and Clinical Dementia. Disease Markers, 2006, 22, 95-102.   | 0.6 | 100       |
| 91 | Inflammation, anti-inflammatory agents and Alzheimer disease: The last 12 years. Journal of Alzheimer's Disease, 2006, 9, 271-276.   | 1.2 | 225       |

| #   | Article   | IF   | CITATIONS |
|-----|---|------|-----------|
| 92  | A Perspective on Inflammation in Alzheimer's Disease. Annals of the New York Academy of Sciences, 2000, 924, 132-135.   | 1.8  | 64        |
| 93  | Dynamic Expression of the Membrane Attack Complex (MAC) of the Complement System in Failing<br>Human Myocardium. American Journal of Cardiology, 2006, 97, 1626-1629.                       | 0.7  | 18        |
| 94  | Inflammation in Alzheimer's disease. Clinical Neuroscience Research, 2006, 6, 247-260.  | 0.8  | 23        |
| 95  | Cardiovascular Disease Could Be Contained Based on Currently Available Data!. Dose-Response, 2006,<br>4, dose-response.0.   | 0.7  | 2         |
| 96  | Impaired Volume Regulation is the Mechanism of Excitotoxic Sensitization to Complement. Journal of Neuroscience, 2006, 26, 10177-10187.   | 1.7  | 7         |
| 97  | The Double-Edged Flower: Roles of Complement Protein C1q in Neurodegenerative Diseases. , 2006, 586, 153-176.   |      | 32        |
| 98  | Systemic and Acquired Immune Responses in Alzheimer's Disease. International Review of<br>Neurobiology, 2007, 82, 205-233.  | 0.9  | 88        |
| 99  | Phagocytosis of Amyloid-β and Inflammation: Two Faces of Innate Immunity in Alzheimer's Disease.<br>Journal of Alzheimer's Disease, 2007, 11, 457-463.                                      | 1.2  | 105       |
| 100 | Blood–Brain Barrier Pathology in Alzheimer's and Parkinson's Disease: Implications for Drug Therapy.<br>Cell Transplantation, 2007, 16, 285-299.  | 1.2  | 277       |
| 101 | NSAIDs and Alzheimer disease: Epidemiological, animal model and clinical studies. Neurobiology of Aging, 2007, 28, 639-647.   | 1.5  | 454       |
| 102 | Biomarkers of neurodegeneration for diagnosis and monitoring therapeutics. Nature Reviews Drug Discovery, 2007, 6, 295-303.   | 21.5 | 293       |
| 103 | Complement component C1q inhibits βâ€amyloid―and serum amyloid Pâ€induced neurotoxicity via caspase―<br>and calpainâ€independent mechanisms. Journal of Neurochemistry, 2008, 104, 696-707. | 2.1  | 88        |
| 104 | Inflammatory processes in Alzheimer's disease. Journal of Neuroimmunology, 2007, 184, 69-91.  | 1.1  | 664       |
| 105 | The APP family of proteins: similarities and differences. Biochemical Society Transactions, 2007, 35, 416-420.  | 1.6  | 117       |
| 106 | Disifin (Sodium tosylchloramide) and Toll-like receptors (TLRs): evolving importance in health and diseases. Journal of Industrial Microbiology and Biotechnology, 2007, 34, 751-762.       | 1.4  | 8         |
| 107 | Heat Shock Proteins and Amateur Chaperones in Amyloid-Beta Accumulation and Clearance in<br>Alzheimer's Disease. Molecular Neurobiology, 2007, 35, 203-216.                                 | 1.9  | 105       |
| 108 | Association of complement factor H Y402H gene polymorphism with Alzheimer's disease. American<br>Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2008, 147B, 720-726.        | 1.1  | 73        |
| 109 | Complement C3 and C4 expression in C1q sufficient and deficient mouse models of Alzheimer's disease.<br>Journal of Neurochemistry, 2008, 106, 2080-2092.                                    | 2.1  | 111       |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 110 | The complement cascade: Yin–Yang in neuroinflammation – neuroâ€protection and â€degeneration.<br>Journal of Neurochemistry, 2008, 107, 1169-1187.  | 2.1 | 152       |
| 111 | Neuroinflammation: Implications for the Pathogenesis and Molecular Diagnosis of Alzheimer's Disease. Archives of Medical Research, 2008, 39, 1-16.                                       | 1.5 | 315       |
| 112 | Inflammaging as a prodrome to Alzheimer's disease. Journal of Neuroinflammation, 2008, 5, 51.  | 3.1 | 258       |
| 113 | Plaque complement activation and cognitive loss in Alzheimer's disease. Journal of<br>Neuroinflammation, 2008, 5, 9.   | 3.1 | 57        |
| 115 | Altered Function of Factor I Caused by Amyloid β: Implication for Pathogenesis of Age-Related Macular<br>Degeneration from Drusen. Journal of Immunology, 2008, 181, 712-720.            | 0.4 | 79        |
| 116 | The Inflammatory Response in Alzheimer's Disease. Journal of Periodontology, 2008, 79, 1535-1543.  | 1.7 | 76        |
| 117 | Inflammatory Aspects of Alzheimer Disease and Other Neurodegenerative Disorders. Journal of<br>Alzheimer's Disease, 2008, 13, 359-369.   | 1.2 | 215       |
| 118 | Chronic Inflammation and Amyloidogenesis in Alzheimer's Disease Role of Spirochetes1. Journal of<br>Alzheimer's Disease, 2008, 13, 381-391.  | 1.2 | 136       |
| 119 | Alzheimer's Disease: Another Target for Heparin Therapy. Scientific World Journal, The, 2009, 9,<br>891-908.   | 0.8 | 42        |
| 120 | Anti-Inflammatory Properties of Acetylcholinesterase Inhibitors Administred in Alzheimers Disease.<br>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2009, 8, 85-100. | 1.1 | 10        |
| 121 | Treatment with a C5aR Antagonist Decreases Pathology and Enhances Behavioral Performance in<br>Murine Models of Alzheimer's Disease. Journal of Immunology, 2009, 183, 1375-1383.        | 0.4 | 229       |
| 122 | PKR, the double stranded RNAâ€dependent protein kinase as a critical target in Alzheimer's disease.<br>Journal of Cellular and Molecular Medicine, 2009, 13, 1476-1488.                  | 1.6 | 39        |
| 123 | The Role of Neuroimmunomodulation in Alzheimer's Disease. Annals of the New York Academy of Sciences, 2009, 1153, 240-246.   | 1.8 | 206       |
| 124 | Immune Activation in Brain Aging and Neurodegeneration: Too Much or Too Little?. Neuron, 2009, 64, 110-122.  | 3.8 | 594       |
| 125 | Inflammation in Alzheimer's disease: Amyloid-β oligomers trigger innate immunity defence via pattern<br>recognition receptors. Progress in Neurobiology, 2009, 87, 181-194.              | 2.8 | 310       |
| 126 | Expression of complement system components during aging and amyloid deposition in APP transgenic mice. Journal of Neuroinflammation, 2009, 6, 35.  | 3.1 | 90        |
| 127 | Neuroinflammatory processes in Alzheimer's disease. Journal of Neural Transmission, 2010, 117, 919-947.  | 1.4 | 380       |
| 128 | The Role of the Complement System and the Activation Fragment C5a in the Central Nervous System.<br>NeuroMolecular Medicine, 2010, 12, 179-192.  | 1.8 | 136       |

| #<br>129 | ARTICLE<br>Why Pleiotropic Interventions are Needed for Alzheimer's Disease. Molecular Neurobiology, 2010, 41,<br>392-409.   | IF<br>1.9 | CITATIONS |
|----------|--|-----------|-----------|
| 130      | The pursuit of susceptibility genes for Alzheimer's disease: progress and prospects. Trends in Genetics, 2010, 26, 84-93.  | 2.9       | 122       |
| 131      | Neuroglia in neurodegeneration. Brain Research Reviews, 2010, 63, 189-211.   | 9.1       | 247       |
| 132      | Neuroinflammation, Microglia and Implications for Anti-Inflammatory Treatment in Alzheimer's<br>Disease. International Journal of Alzheimer's Disease, 2010, 2010, 1-9.  | 1.1       | 93        |
| 133      | Microglial Immunoreceptor Tyrosine-Based Activation and Inhibition Motif Signaling in Neuroinflammation. International Journal of Alzheimer's Disease, 2010, 2010, 1-7.  | 1.1       | 61        |
| 134      | Microarray Analysis Identifies Changes in Inflammatory Gene Expression in Response to Amyloid-β<br>Stimulation of Cultured Human Retinal Pigment Epithelial Cells. , 2010, 51, 1151.                           |           | 82        |
| 135      | The Role of the Classical Complement Cascade in Synapse Loss During Development and Glaucoma.<br>Advances in Experimental Medicine and Biology, 2010, 703, 75-93.  | 0.8       | 51        |
| 136      | Complement receptor 3 (CD11b/CD18) is implicated in the elimination of β-amyloid peptides. Fundamental and Clinical Pharmacology, 2011, 25, 115-122.   | 1.0       | 26        |
| 137      | Complement in the brain. Molecular Immunology, 2011, 48, 1592-1603.  | 1.0       | 345       |
| 138      | Apolipoprotein E isoforms and regulation of the innate immune response in brain of patients with<br>Alzheimer's disease. Current Opinion in Neurobiology, 2011, 21, 920-928.                                   | 2.0       | 85        |
| 139      | Contribution of complement activation pathways to neuropathology differs among mouse models of Alzheimer's disease. Journal of Neuroinflammation, 2011, 8, 4.  | 3.1       | 76        |
| 140      | Prevention of the β-amyloid peptide-induced inflammatory process by inhibition of double-stranded RNA-dependent protein kinase in primary murine mixed co-cultures. Journal of Neuroinflammation, 2011, 8, 72. | 3.1       | 49        |
| 141      | Alzheimer's disease - a neurospirochetosis. Analysis of the evidence following Koch's and Hill's criteria. Journal of Neuroinflammation, 2011, 8, 90.  | 3.1       | 273       |
| 142      | Big MAC attack in osteoarthritis. Science-Business EXchange, 2011, 4, 1311-1311.   | 0.0       | 0         |
| 143      | Emerging roles of pathogens in Alzheimer disease. Expert Reviews in Molecular Medicine, 2011, 13, e30.   | 1.6       | 162       |
| 144      | Inflammation in Alzheimer DiseaseA Brief Review of the Basic Science and Clinical Literature. Cold Spring Harbor Perspectives in Medicine, 2012, 2, a006346-a006346.   | 2.9       | 786       |
| 145      | Extensive innate immune gene activation accompanies brain aging, increasing vulnerability to cognitive decline and neurodegeneration: a microarray study. Journal of Neuroinflammation, 2012, 9, 179.          | 3.1       | 423       |
| 146      | Fibrinogen and Altered Hemostasis in Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 32, 599-608.   | 1.2       | 136       |

ARTICLE IF CITATIONS # The genetic architecture of Alzheimer's disease: beyond APP, PSENs and APOE. Neurobiology of Aging, 147 1.5 220 2012, 33, 437-456. Elevated Angiopoietin-1 Serum Levels in Patients with Alzheimer's Disease. International Journal of 148 1.1 Alzheimer's Disease, 2012, 2012, 1-5. Deficiency of complement component 5 ameliorates glaucoma in DBA/2J mice. Journal of 149 3.1 83 Neuroinflammation, 2013, 10, 76. Intravenous immunoglobulin and Alzheimer's disease: what now?. Journal of Neuroinflammation, 2013, 44 10, 70. Complement activation fragment C5a receptors, CD88 and C5L2, are associated with neurofibrillary 151 3.1 33 pathology. Journal of Neuroinflammation, 2013, 10, 25. The amyloid cascade-inflammatory hypothesis of Alzheimer disease: implications for therapy. Acta Neuropathologica, 2013, 126, 479-497. 366 What does complement do in Alzheimer's disease? Old molecules with new insights. Translational 153 3.6 58 Neurodegeneration, 2013, 2, 21. White Matter Injury Due to Experimental Chronic Cerebral Hypoperfusion Is Associated with C5 154 1.1 Deposition. PLoŠ ÓNE, 2013, 8, e84802. Should development of Alzheimer's disease-specific intravenous immunoglobulin be considered?. 155 3.1 8 Journal of Neuroinflammation, 2014, 11, 198. Neuroinflammation in Alzheimer's Disease. , 2014, , 161-177. The innate and adaptive immunological aspects in neurodegenerative diseases. Journal of 157 1.1 37 Neuroimmunology, 2014, 269, 1-8. Alzheimer's Silent Partner: Cerebral Amyloid Angiopathy. Translational Stroke Research, 2014, 5, 2.3 330-337. The role of glial cells and the complement system in retinal diseases and Alzheimer's disease: common 159 0.7 16 neural degeneration mechanisms. Experimental Brain Research, 2014, 232, 3363-3377. Hypertension and Inflammation in Alzheimer's Disease: Close Partners in Disease Development and 1.2 Progression!. Journal of Alzheimer's Disease, 2014, 41, 331-343. Epistasis analysis links immune cascades and cerebral amyloidosis. Journal of Neuroinflammation, 161 3.1 10 2015, 12, 227. DBA/2J Genetic Background Exacerbates Spontaneous Lethal Seizures but Lessens Amyloid Deposition in 1.1 a Mouse Model of Alzheimer's Disease. PLoS ONE, 2015, 10, e0125897. Immune Responses in Neurodegenerative Diseases. Kathmandu University Medical Journal, 2015, 12, 163 0.1 7 67-76. 164 The Role of Inflammation in Alzheimer's Disease. Current Topics in Neurotoxicity, 2015, , 313-336. 0.4

| #   | ARTICLE   | IF  | CITATIONS                                    |
|---|---|---|--|
| 165   | <scp>A</scp> rizona <scp>S</scp> tudy of <scp>A</scp> ging and <scp>N</scp> eurodegenerative<br><scp>D</scp> isorders and <scp>B</scp> rain and <scp>B</scp> ody <scp>D</scp> onation<br><scp>P</scp> rogram. Neuropathology, 2015, 35, 354-389.  | 0.7   | 336  |
| 166   | TYROBP in Alzheimer's Disease. Molecular Neurobiology, 2015, 51, 820-826.   | 1.9   | 79   |
| 167   | Remarkable Activation of the Complement System and Aberrant Neuronal Localization of the<br>Membrane Attack Complex in the Brain Tissues of Scrapie-Infected Rodents. Molecular Neurobiology,<br>2015, 52, 1165-1179.   | 1.9   | 24   |
| 168   | Antimicrobial Peptides and Complement in Neonatal Hypoxia-Ischemia Induced Brain Damage. Frontiers<br>in Immunology, 2015, 6, 56.   | 2.2   | 56   |
| 169   | Oxidative Stress Events and Neuronal Dysfunction in Alzheimer's Disease: Focus on APE1/Ref-1-Mediated Survival Strategies. , 2015, , 175-207.   |   | 9  |
| 170   | Complement Biomarkers as Predictors of Disease Progression in Alzheimer's Disease. Journal of<br>Alzheimer's Disease, 2016, 54, 707-716.  | 1.2   | 41   |
| 171   | Inflammation, Antiinflammatory Agents, and Alzheimer's Disease: The Last 22 Years. Journal of<br>Alzheimer's Disease, 2016, 54, 853-857.  | 1.2   | 169  |
| 172   | Peripheral complement interactions with amyloid $\hat{I}^2$ peptide: Erythrocyte clearance mechanisms. Alzheimer's and Dementia, 2017, 13, 1397-1409.   | 0.4   | 38   |
| 173   | C1q: A fresh look upon an old molecule. Molecular Immunology, 2017, 89, 73-83.  | 1.0   | 188  |
|   |   |   |  |
| 174   | Inflammation Friend or Foe?. , 2017, , 192-241.   |   | 2  |
| 174<br>175                                    | Inflammation Friend or Foe?. , 2017, , 192-241.<br>Multi-Faceted Role of Melatonin in Neuroprotection and Amelioration of Tau Aggregates in<br>Alzheimer's Disease. Journal of Alzheimer's Disease, 2018, 62, 1481-1493.  | 1.2   | 2<br>34                                      |
| 174<br>175<br>176                             | Inflammation Friend or Foe?., 2017,, 192-241.   Multi-Faceted Role of Melatonin in Neuroprotection and Amelioration of Tau Aggregates in   Alzheimer's Disease. Journal of Alzheimer's Disease, 2018, 62, 1481-1493.   Intersection of pathological tau and microglia at the synapse. Acta Neuropathologica   Communications, 2019, 7, 109.   | 1.2   | 2<br>34<br>119                               |
| 174<br>175<br>176<br>177                      | Inflammation Friend or Foe?., 2017,, 192-241.   Multi-Faceted Role of Melatonin in Neuroprotection and Amelioration of Tau Aggregates in<br>Alzheimer's Disease. Journal of Alzheimer's Disease, 2018, 62, 1481-1493.   Intersection of pathological tau and microglia at the synapse. Acta Neuropathologica<br>Communications, 2019, 7, 109.   The complement cascade in Alzheimer's disease: a systematic review and meta-analysis. Molecular<br>Psychiatry, 2021, 26, 5532-5541.   | 1.2<br>2.4<br>4.1                             | 2<br>34<br>119<br>51                         |
| 174<br>175<br>176<br>177<br>178               | Inflammation Friend or Foe?., 2017,, 192-241.   Multi-Faceted Role of Melatonin in Neuroprotection and Amelioration of Tau Aggregates in<br>Alzheimer's Disease. Journal of Alzheimer's Disease, 2018, 62, 1481-1493.   Intersection of pathological tau and microglia at the synapse. Acta Neuropathologica<br>Communications, 2019, 7, 109.   The complement cascade in Alzheimer's disease: a systematic review and meta-analysis. Molecular<br>Psychiatry, 2021, 26, 5532-5541.   Emerging Roles of Complement in Psychiatric Disorders. Frontiers in Psychiatry, 2019, 10, 573.  | 1.2<br>2.4<br>4.1<br>1.3                      | 2<br>34<br>119<br>51<br>63                   |
| 174<br>175<br>176<br>177<br>178               | Inflammation Friend or Foe?., 2017,, 192-241.   Multi-Faceted Role of Melatonin in Neuroprotection and Amelioration of Tau Aggregates in Alzheimer's Disease. Journal of Alzheimer's Disease, 2018, 62, 1481-1493.   Intersection of pathological tau and microglia at the synapse. Acta Neuropathologica Communications, 2019, 7, 109.   The complement cascade in Alzheimer's disease: a systematic review and meta-analysis. Molecular Psychiatry, 2021, 26, 5532-5541.   Emerging Roles of Complement in Psychiatric Disorders. Frontiers in Psychiatry, 2019, 10, 573.   Endo-lysosomal proteins and ubiquitin CSF concentrations in Alzheimer's and Parkinson's disease.  | 1.2<br>2.4<br>4.1<br>1.3<br>3.0               | 2<br>34<br>119<br>51<br>63<br>51             |
| 174<br>175<br>176<br>177<br>178<br>179        | Inflammation Friend or Foe?., 2017, 192-241.   Multi-Faceted Role of Melatonin in Neuroprotection and Amelioration of Tau Aggregates in<br>Alzheimer's Disease. Journal of Alzheimer's Disease, 2018, 62, 1481-1493.   Intersection of pathological tau and microglia at the synapse. Acta Neuropathologica<br>Communications, 2019, 7, 109.   The complement cascade in Alzheimer's disease: a systematic review and meta-analysis. Molecular<br>Psychiatry, 2021, 26, 5532-5541.   Emerging Roles of Complement in Psychiatric Disorders. Frontiers in Psychiatry, 2019, 10, 573.   Endo-lysosomal proteins and ubiquitin CSF concentrations in Alzheimer's and Parkinson's disease.<br>Alzheimer's Research and Therapy, 2019, 11, 82.   Therapeutic Inhibition of the Complement System in Diseases of the Central Nervous System. Frontiers<br>in Immunology, 2019, 10, 362.   | 1.2<br>2.4<br>4.1<br>1.3<br>3.0<br>2.2        | 2<br>34<br>119<br>51<br>63<br>51<br>51       |
| 174<br>175<br>176<br>177<br>178<br>179<br>180 | Inflammation Friend or Foe?., 2017,, 192-241.   Multi-Faceted Role of Melatonin in Neuroprotection and Amelioration of Tau Aggregates in   Alzheimer's Disease. Journal of Alzheimer's Disease, 2018, 62, 1481-1493.   Intersection of pathological tau and microglia at the synapse. Acta Neuropathologica   Communications, 2019, 7, 109.   The complement cascade in Alzheimer's disease: a systematic review and meta-analysis. Molecular   Psychiatry, 2021, 26, 5532-5541.   Emerging Roles of Complement in Psychiatric Disorders. Frontiers in Psychiatry, 2019, 10, 573.   Endo-lysosomal proteins and ubiquitin CSF concentrations in Alzheimer's and Parkinson's disease.   Alzheimer's Research and Therapy, 2019, 11, 82.   Therapeutic Inhibition of the Complement System in Diseases of the Central Nervous System. Frontiers in Immunology, 2019, 10, 362.   A REVIEW ON MICROGLIA: ROLE IN NEUROINFLAMMATION, SCREENING MODELS AND THERAPEUTIC STRATEGIES FOR TREATMENT. International Research Journal of Pharmacy, 2019, 10, 11-15. | 1.2<br>2.4<br>4.1<br>1.3<br>3.0<br>2.2<br>0.0 | 2<br>34<br>119<br>51<br>63<br>51<br>148<br>2 |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 183 | Complement-Mediated Events in Alzheimer's Disease: Mechanisms and Potential Therapeutic Targets.<br>Journal of Immunology, 2020, 204, 306-315.   | 0.4 | 61        |
| 184 | Study of the complement activation by amyloid aggregates of smooth muscle titin in vitro. Journal of<br>Immunoassay and Immunochemistry, 2020, 41, 132-143.  | 0.5 | 2         |
| 185 | The effect of insomnia on development of Alzheimer's disease. Journal of Neuroinflammation, 2020, 17,<br>289.  | 3.1 | 48        |
| 186 | The good, the bad, and the opportunities of the complement system in neurodegenerative disease.<br>Journal of Neuroinflammation, 2020, 17, 354.  | 3.1 | 133       |
| 187 | Precision Medicine in Neurology: The Inspirational Paradigm of Complement Therapeutics.<br>Pharmaceuticals, 2020, 13, 341.   | 1.7 | 15        |
| 188 | Alzheimer's Disease and Specialized Pro-Resolving Lipid Mediators: Do MaR1, RvD1, and NPD1 Show<br>Promise for Prevention and Treatment?. International Journal of Molecular Sciences, 2020, 21, 5783. | 1.8 | 19        |
| 189 | Complement System Activation by Amyloid Aggregates of Aβ(1-40) and Aβ(1-42) Peptides: Facts and Hypotheses. Biophysics (Russian Federation), 2020, 65, 18-21.  | 0.2 | 3         |
| 190 | Astrocyte- and Neuron-Derived Extracellular Vesicles from Alzheimer's Disease Patients Effect<br>Complement-Mediated Neurotoxicity. Cells, 2020, 9, 1618.  | 1.8 | 52        |
| 191 | TLR4 Cross-Talk With NLRP3 Inflammasome and Complement Signaling Pathways in Alzheimer's Disease.<br>Frontiers in Immunology, 2020, 11, 724.   | 2.2 | 174       |
| 192 | Neuroimmune crosstalk and evolving pharmacotherapies in neurodegenerative diseases. Immunology, 2021, 162, 160-178.  | 2.0 | 12        |
| 193 | The Impact of Complement Genes on the Risk of Late-Onset Alzheimer's Disease. Genes, 2021, 12, 443.  | 1.0 | 18        |
| 194 | Association between dementia and systemic rheumatic disease: A nationwide population-based study.<br>PLoS ONE, 2021, 16, e0248395.   | 1.1 | 10        |
| 195 | Alternative Targets to Fight Alzheimer's Disease: Focus on Astrocytes. Biomolecules, 2021, 11, 600.  | 1.8 | 16        |
| 196 | Amyloids: The History of Toxicity and Functionality. Biology, 2021, 10, 394.   | 1.3 | 12        |
| 197 | Importance of extracellular vesicle secretion at the blood–cerebrospinal fluid interface in the pathogenesis of Alzheimer's disease. Acta Neuropathologica Communications, 2021, 9, 143.               | 2.4 | 30        |
| 198 | Central Nervous System Diseases and Inflammation. , 2008, , 153-174.   |     | 4         |
| 199 | Inflammatory Processes Exacerbate Degenerative Neurological Disorders. , 2009, , 117-124.  |     | 4         |
| 200 | Complement Involvement in Neovascular Ocular Diseases. Advances in Experimental Medicine and Biology, 2012, 946, 161-183.  | 0.8 | 38        |

|          |   | CITATION REPORT |           |
|----------|---|-----------------|-----------|
| #<br>201 | ARTICLE<br>Complement, neuroinflammation and neuronal degeneration in Alzheimer disease. , 2001. , 15-20.   | IF              | CITATIONS |
| 201      |   |                 | -         |
| 202      | Potential Beneficial Effects of a Diet with Walnuts in Aging and Alzheimer's Disease. , 2012, , 239-252.  |                 | 3         |
| 203      | Stability and bioactivity of chitosan as a transfection agent in primary human cell cultures: A case for chitosan-only controls. Carbohydrate Polymers, 2018, 180, 376-384. | 5.1             | 10        |
| 205      | Innate Immunity, Local Inflammation, and Degenerative Disease. Science of Aging Knowledge<br>Environment: SAGE KE, 2002, 2002, 3re-3.                                       | 0.9             | 49        |
| 206      | Immunotherapy for Alzheimer's Disease. Science of Aging Knowledge Environment: SAGE KE, 2004, 2004, pe29-pe29.  | 0.9             | 7         |
| 207      | CCAAT-Enhancer Binding Protein-β Expression and Elevation in Alzheimer's Disease and Microglial Cell<br>Cultures. PLoS ONE, 2014, 9, e86617.                                | 1.1             | 38        |
| 208      | Molecular identification of protein kinase C beta in Alzheimer's disease. Aging, 2020, 12, 21798-21808.   | 1.4             | 8         |
| 209      | Innate Immunity in Alzheimer's Disease: A Complex Affair. CNS and Neurological Disorders - Drug<br>Targets, 2013, 12, 593-607.  | 0.8             | 69        |
| 210      | The role of immunity and neuroinflammation in genetic predisposition and pathogenesis of<br>Alzheimer's disease. AIMS Genetics, 2015, 02, 230-249.                          | 1.9             | 2         |
| 211      | Organization of Inflammatory Processes in Alzheimer's Disease. Research and Perspectives in<br>Neurosciences, 2000, , 1-7.  | 0.4             | 0         |
| 212      | Amyloid $\hat{I}^2$ peptide interactions with the classical pathway of complement. , 2001, , 105-119.   |                 | 0         |
| 213      | The role of cyclooxygenase in Alzheimer's disease neurodegeneration. , 2001, , 197-207.   |                 | 0         |
| 214      | Complement mediator systems in Alzheimer's disease. , 2001, , 89-103.   |                 | 0         |
| 215      | Processo Inflamatório e Neuroimunomodulação na Doença de Alzheimer. Revista Neurociencias, 2011,<br>19, 300-313.  | 0.0             | 0         |
| 216      | Neuroinflammation, Alzheimer Disease, and Other Aging Disorders. , 2007, , 149-166.   |                 | 0         |
| 217      | Aging and Cognitive Decline: Neuroprotective Strategies. , 2007, , 245-268.   |                 | 0         |
| 218      | Roles of Innate Immunity and Inflammation in the Aging Brain. Oxidative Stress and Disease, 2011, , .   | 0.3             | 0         |
| 219      | Innate Inflammatory Reaction of the Brain in Alzheimer Disease. McGill Journal of Medicine, 1997, 3, .  | 0.1             | 1         |

IF ARTICLE CITATIONS # Inhibition of complement as a therapeutic approach in inflammatory central nervous system (CNS) 221 1.9 16 disease. Molecular Medicine, 1999, 5, 569-82. Serine protease HtrA1 accumulates in corneal transforming growth factor beta induced protein (TGFBIp) amyloid deposits. Molecular Vision, 2013, 19, 861-76. 1.1 Complement membrane attack complex is related with immune-mediated necrotizing myopathy. 225 0.5 9 International Journal of Clinical and Experimental Pathology, 2014, 7, 4143-9. Complement as a powerful "influencer―in the brain during development, adulthood and neurological disorders. Advances in Immunology, 2021, 152, 157-222. Neuropsychiatric disorders: An immunological perspective. Advances in Immunology, 2021, 152, 83-155. 227 1.1 10 Genetic Insights into the Impact of Complement in Alzheimer's Disease. Genes, 2021, 12, 1990. 1.0 Microglial Responses in Alzheimer's Disease: Recent Studies in Transgenic Mice and Alzheimer's Disease 229 0 Brains., 0, , 267-282. Terminal complement pathway activation drives synaptic loss in Alzheimer's disease models. Acta Neuropathologica Communications, 2022, 10, .

**CITATION REPORT**