

# Walter J Lukiw

## List of Publications by Year in Descending Order

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

187  
papers

11,038  
citations

54  
h-index

100  
g-index

207  
ext. papers

12,431  
ext. citations

4.2  
avg, IF

7.08  
L-index

| #   | Paper  | IF  | Citations |
|-----|--|-----|-----------|
| 187 | microRNA-146a as albiomarker for transmissible spongiform encephalopathy.. <i>Folia Neuropathologica</i> , <b>2022</b> , 60, 24-34   | 2.6 | 0         |
| 186 | Fission Impossible: Stabilized miRNA-Based Analogs in Neurodegenerative Disease.. <i>Frontiers in Neuroscience</i> , <b>2022</b> , 16, 875957  | 5.1 | 1         |
| 185 | New Inroads Into Our Understanding of the Tauopathies, Alzheimer's Disease, and the Contribution of Altered Protein Conformation to Human Neurological Disease.. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 817983                 | 5.1 | 0         |
| 184 | Gastrointestinal (GI)-Tract Microbiome Derived Neurotoxins and their Potential Contribution to Inflammatory Neurodegeneration in Alzheimer's Disease (AD) <b>2021</b> , 11,  |     | 1         |
| 183 | SARS-CoV-2, the Angiotensin Converting Enzyme 2 (ACE2) Receptor and Alzheimer's disease <b>2021</b> , 11,  |     | 1         |
| 182 | Down-regulation of cyclin D2 in amyloid toxicity, inflammation, and Alzheimer's disease. <i>PLoS ONE</i> , <b>2021</b> , 16, e0259740  | 3.7 | 0         |
| 181 | Ubiquity of the SARS-CoV-2 receptor ACE2 and upregulation in limbic regions of Alzheimer's disease brain. <i>Folia Neuropathologica</i> , <b>2021</b> , 59, 232-238  | 2.6 | 6         |
| 180 | microRNA Heterogeneity, Innate-Immune Defense and the Efficacy of SARS-CoV-2 Infection-A Commentary. <i>Non-coding RNA</i> , <b>2021</b> , 7,  | 7.1 | 4         |
| 179 | A hypothesis-generating scoping review of miRs identified in both multiple sclerosis and dementia, their protein targets, and miR signaling pathways. <i>Journal of the Neurological Sciences</i> , <b>2021</b> , 420, 117202 <sup>3-2</sup> |     | 7         |
| 178 | MiRNA-15b and miRNA-125b are associated with regional AEPET and FDG-PET uptake in cognitively normal individuals with subjective memory complaints. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 78                                   | 8.6 | 6         |
| 177 | Age-Related Transcriptional Deregulation of Genes Coding Synaptic Proteins in Alzheimer's Disease Murine Model: Potential Neuroprotective Effect of Fingolimod. <i>Frontiers in Molecular Neuroscience</i> , <b>2021</b> , 14, 660104        | 6.1 | 1         |
| 176 | microRNA-146a-5p, Neurotropic Viral Infection and Prion Disease (PrD). <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,  | 6.3 | 3         |
| 175 | Amyloid BETA-42 peptides facilitate the entry of gastrointestinal tract microbiome-derived lipopolysaccharide into human neurons. <i>Alzheimers and Dementia</i> , <b>2020</b> , 16, e040004   | 1.2 |           |
| 174 | Fingolimod Affects Transcription of Genes Encoding Enzymes of Ceramide Metabolism in Animal Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 2799-2811  | 6.2 | 7         |
| 173 | Gastrointestinal (GI) Tract Microbiome-Derived Neurotoxins-Potent Neuro-Inflammatory Signals From the GI Tract via the Systemic Circulation Into the Brain. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 22   | 5.9 | 15        |
| 172 | microRNA-146a Signaling in Alzheimer's Disease (AD) and Prion Disease (PrD). <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 462   | 4.1 | 12        |
| 171 | Human gastrointestinal (GI) tract microbiome-derived pro-inflammatory neurotoxins from : Effects of low fiber diets and environmental and lifestyle factors. <i>Integrative Food, Nutrition and Metabolism</i> , <b>2020</b> , 7,            | 1.9 | 1         |

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| 170 | Retraction Note: Aluminum in Neurological and Neurodegenerative Disease. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 1779  | 6.2 | 4  |
| 169 | Alterations of Transcription of Genes Coding Anti-oxidative and Mitochondria-Related Proteins in Amyloid $\beta$ Toxicity: Relevance to Alzheimer's Disease. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 1374-1388   | 6.2 | 17 |
| 168 | microRNA-Based Biomarkers in Alzheimer's Disease (AD). <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 585432   | 5.1 | 28 |
| 167 | Vesicular Transport of Encapsulated microRNA between Glial and Neuronal Cells. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,  | 6.3 | 15 |
| 166 | Acute Systemic Inflammatory Response Alters Transcription Profile of Genes Related to Immune Response and Ca Homeostasis in Hippocampus; Relevance to Neurodegenerative Disorders. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,  | 6.3 | 9  |
| 165 | Biomarkers for Alzheimer's Disease (AD) and the Application of Precision Medicine. <i>Journal of Personalized Medicine</i> , <b>2020</b> , 10,   | 3.6 | 5  |
| 164 | SARS-CoV-2 Infectivity and Neurological Targets in the Brain. <i>Cellular and Molecular Neurobiology</i> , <b>2020</b> , 1   | 4.6 | 68 |
| 163 | Atropa belladonna Expresses a microRNA (aba-miRNA-9497) Highly Homologous to Homo sapiens miRNA-378 (hsa-miRNA-378); both miRNAs target the 3'-Untranslated Region (3'-UTR) of the mRNA Encoding the Neurologically Relevant, Zinc-Finger Transcription Factor ZNF-691. <i>Cellular and Molecular Neurobiology</i> , <b>2020</b> , 40, 179-188 | 4.6 | 8  |
| 162 | Aluminum in Neurological and Neurodegenerative Disease. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 1531-1538  | 6.2 | 31 |
| 161 | Addressing Alzheimer's Disease (AD) Neuropathology Using Anti-microRNA (AM) Strategies. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 8101-8108  | 6.2 | 16 |
| 160 | microRNA-34a (miRNA-34a) Mediated Down-Regulation of the Post-synaptic Cytoskeletal Element SHANK3 in Sporadic Alzheimer's Disease (AD). <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 28  | 4.1 | 19 |
| 159 | The Cross-Talk Between Sphingolipids and Insulin-Like Growth Factor Signaling: Significance for Aging and Neurodegeneration. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 3501-3521   | 6.2 | 42 |
| 158 | Down-Regulation of Essential Synaptic Components by GI-Tract Microbiome-Derived Lipopolysaccharide (LPS) in LPS-Treated Human Neuronal-Glial (HNG) Cells in Primary Culture: Relevance to Alzheimer's Disease (AD). <i>Frontiers in Cellular Neuroscience</i> , <b>2019</b> , 13, 314  | 6.1 | 9  |
| 157 | Lipopolysaccharide-stimulated, NF-kB-, miRNA-146a- and miRNA-155-mediated molecular-genetic communication between the human gastrointestinal tract microbiome and the brain. <i>Folia Neuropathologica</i> , <b>2019</b> , 57, 211-219   | 2.6 | 23 |
| 156 | Facilitation of Gastrointestinal (GI) Tract Microbiome-Derived Lipopolysaccharide (LPS) Entry Into Human Neurons by Amyloid Beta-42 (A $\beta$ 2) Peptide. <i>Frontiers in Cellular Neuroscience</i> , <b>2019</b> , 13, 545   | 6.1 | 7  |
| 155 | The Role of Ceramide and Sphingosine-1-Phosphate in Alzheimer's Disease and Other Neurodegenerative Disorders. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 5436-5455   | 6.2 | 99 |
| 154 | Modulatory Effects of Fingolimod (FTY720) on the Expression of Sphingolipid Metabolism-Related Genes in an Animal Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 174-185  | 6.2 | 20 |
| 153 | Aluminum in neurological disease - a 36 year multicenter study <b>2019</b> , 8,  |     | 7  |

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|-----|---|-----|-----|
| 152 | Bacteroidetes Neurotoxins and Inflammatory Neurodegeneration. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 9100-9107   | 6.2 | 43  |
| 151 | Altered Expression of Urea Cycle Enzymes in Amyloid- $\beta$ Protein Precursor Overexpressing PC12 Cells and in Sporadic Alzheimer's Disease Brain. <i>Journal of Alzheimers Disease</i> , <b>2018</b> , 62, 279-291                                | 4.3 | 8   |
| 150 | Up-regulated Pro-inflammatory MicroRNAs (miRNAs) in Alzheimer's disease (AD) and Age-Related Macular Degeneration (AMD). <i>Cellular and Molecular Neurobiology</i> , <b>2018</b> , 38, 1021-1031   | 4.6 | 56  |
| 149 | Chromosome 21-Encoded microRNAs (mRNAs): Impact on Down's Syndrome and Trisomy-21 Linked Disease. <i>Cellular and Molecular Neurobiology</i> , <b>2018</b> , 38, 769-774  | 4.6 | 19  |
| 148 | Inhibition of Poly(ADP-ribose) Polymerase-1 Enhances Gene Expression of Selected Sirtuins and APP Cleaving Enzymes in Amyloid Beta Cytotoxicity. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 4612-4623  | 6.2 | 17  |
| 147 | Plant and Animal microRNAs (miRNAs) and Their Potential for Inter-kingdom Communication. <i>Cellular and Molecular Neurobiology</i> , <b>2018</b> , 38, 133-140   | 4.6 | 43  |
| 146 | Microbiome-Mediated Upregulation of MicroRNA-146a in Sporadic Alzheimer's Disease. <i>Frontiers in Neurology</i> , <b>2018</b> , 9, 145   | 4.1 | 26  |
| 145 | Synergism in aluminum and mercury neurotoxicity. <i>Integrative Food, Nutrition and Metabolism</i> , <b>2018</b> , 5,   | 1.9 | 16  |
| 144 | Microbiome-Derived Lipopolysaccharide (LPS) Selectively Inhibits Neurofilament Light Chain (NF-L) Gene Expression in Human Neuronal-Glial (HNG) Cells in Primary Culture. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 896                  | 5.1 | 13  |
| 143 | Secretory Products of the Human GI Tract Microbiome and Their Potential Impact on Alzheimer's Disease (AD): Detection of Lipopolysaccharide (LPS) in AD Hippocampus. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 318 | 5.9 | 177 |
| 142 | Microbiome-Derived Lipopolysaccharide Enriched in the Perinuclear Region of Alzheimer's Disease Brain. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1064   | 8.4 | 72  |
| 141 | Genetics of Aggression in Alzheimer's Disease (AD). <i>Frontiers in Aging Neuroscience</i> , <b>2017</b> , 9, 87  | 5.3 | 12  |
| 140 | Lipopolysaccharide (LPS) Accumulates in Neocortical Neurons of Alzheimer's Disease (AD) Brain and Impairs Transcription in Human Neuronal-Glial Primary Co-cultures. <i>Frontiers in Aging Neuroscience</i> , <b>2017</b> , 9, 407                  | 5.3 | 48  |
| 139 | Deficits in the Proline-Rich Synapse-Associated Shank3 Protein in Multiple Neuropsychiatric Disorders. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 670   | 4.1 | 23  |
| 138 | A microRNA cluster (let-7c, miRNA-99a, miRNA-125b, miRNA-155 and miRNA-802) encoded at chr21q21.1-chr21q21.3 and the phenotypic diversity of Down's syndrome (DS; trisomy 21). <i>Journal of Nature and Science</i> , <b>2017</b> , 3,              |     | 9   |
| 137 | MicroRNA (miRNA)-Mediated Pathogenetic Signaling in Alzheimer's Disease (AD). <i>Neurochemical Research</i> , <b>2016</b> , 41, 96-100  | 4.6 | 34  |
| 136 | The microbiome, microbial-generated proinflammatory neurotoxins, and Alzheimer's disease. <i>Journal of Sport and Health Science</i> , <b>2016</b> , 5, 393-396   | 8.2 | 18  |
| 135 | Analysis of RNA from Alzheimer's Disease Post-mortem Brain Tissues. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 1322-1328   | 6.2 | 49  |

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| 134 | Natural and Synthetic Neurotoxins in Our Environment: From Alzheimer's Disease (AD) to Autism Spectrum Disorder (ASD) <b>2016</b> , 6,   |     | 7   |
| 133 | Deficiency in the Ubiquitin Conjugating Enzyme UBE2A in Alzheimer's Disease (AD) is Linked to Deficits in a Natural Circular miRNA-7 Sponge (circRNA; ciRS-7). <i>Genes</i> , <b>2016</b> , 7,                                   | 4.2 | 194 |
| 132 | Lipopolysaccharide and Inflammatory Signaling in Alzheimer's Disease. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 1544   | 5.7 | 134 |
| 131 | Over-Expressed Pathogenic miRNAs in Alzheimer's Disease (AD) and Prion Disease (PrD) Drive Deficits in TREM2-Mediated A $\beta$ 2 Peptide Clearance. <i>Frontiers in Aging Neuroscience</i> , <b>2016</b> , 8, 140               | 5.3 | 34  |
| 130 | Anti-microRNAs as Novel Therapeutic Agents in the Clinical Management of Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 59  | 5.1 | 18  |
| 129 | microRNA-34a-Mediated Down-Regulation of the Microglial-Enriched Triggering Receptor and Phagocytosis-Sensor TREM2 in Age-Related Macular Degeneration. <i>PLoS ONE</i> , <b>2016</b> , 11, e0150211                             | 3.7 | 80  |
| 128 | P2-096: Sponging of Mirna-146A Using AAV-Anti-Mirna-146A-Vectors Mediates Synaptic and Amyloidogenic Neuropathology and Cognitive Deficits in a 5XFAD Murine Model of Alzheimer's Disease <b>2016</b> , 12, P647-P648            |     |     |
| 127 | P3-117: Progressive Inflammatory Pathology in the Retina of Aluminum-Fed 5XFAD Transgenic Mice <b>2016</b> , 12, P863-P864   |     |     |
| 126 | Induction of the pro-inflammatory NF-kB-sensitive miRNA-146a by human neurotrophic viruses. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 43   | 5.7 | 22  |
| 125 | Nanomolar aluminum induces expression of the inflammatory systemic biomarker C-reactive protein (CRP) in human brain microvessel endothelial cells (hBMECs). <i>Journal of Inorganic Biochemistry</i> , <b>2015</b> , 152, 210-3 | 4.2 | 21  |
| 124 | Beta-Amyloid Precursor Protein (A $\beta$ PP) Processing in Alzheimer's Disease (AD) and Age-Related Macular Degeneration (AMD). <i>Molecular Neurobiology</i> , <b>2015</b> , 52, 533-44  | 6.2 | 41  |
| 123 | P3-012: Circular RNA (circRNA-7; ciRS-7) impacts microRNA-7 trafficking and downregulates the ubiquitin-conjugating enzyme E2A (UBE2A) in sporadic Alzheimer's disease (AD) brain <b>2015</b> , 11, P624-P624                    |     | 1   |
| 122 | MicroRNA (miRNA) Signaling in the Human CNS in Sporadic Alzheimer's Disease (AD)-Novel and Unique Pathological Features. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 30105-16                         | 6.3 | 37  |
| 121 | Microbial-generated amyloids and Alzheimer's disease (AD). <i>Frontiers in Aging Neuroscience</i> , <b>2015</b> , 7, 9   | 5.3 | 104 |
| 120 | microRNA-Based Biomarkers and the Diagnosis of Alzheimer's Disease. <i>Frontiers in Neurology</i> , <b>2015</b> , 6, 162   | 4.1 | 30  |
| 119 | Pathogenic microRNAs Common to Brain and Retinal Degeneration; Recent Observations in Alzheimer's Disease and Age-Related Macular Degeneration. <i>Frontiers in Neurology</i> , <b>2015</b> , 6, 232                             | 4.1 | 21  |
| 118 | Increase in NF-kB-sensitive miRNA-146a and miRNA-155 in multiple sclerosis (MS) and pro-inflammatory neurodegeneration. <i>Frontiers in Molecular Neuroscience</i> , <b>2015</b> , 8, 5  | 6.1 | 50  |
| 117 | Microbiome-generated amyloid and potential impact on amyloidogenesis in Alzheimer's disease (AD). <i>Journal of Nature and Science</i> , <b>2015</b> , 1,  |     | 67  |

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|-----|---|-----|-----|
| 116 | MicroRNA (miRNA): sequence and stability, viroid-like properties, and disease association in the CNS. <i>Brain Research</i> , <b>2014</b> , 1584, 73-9  | 3-7 | 29  |
| 115 | The gastrointestinal tract microbiome and potential link to Alzheimer's disease. <i>Frontiers in Neurology</i> , <b>2014</b> , 5, 43  | 4-1 | 64  |
| 114 | Aluminum and its potential contribution to Alzheimer's disease (AD). <i>Frontiers in Aging Neuroscience</i> , <b>2014</b> , 6, 62   | 5-3 | 54  |
| 113 | P4-236: ALZHEIMER'S DISEASE AND THE MICROBIOME <b>2014</b> , 10, P873-P873  |     | 1   |
| 112 | P4-006: DEFICITS IN THE NATURAL CIRCULAR RNA (CIRC RNA) SPONGE FOR MIRNA-7 (CIRS7) IN ALZHEIMER'S DISEASE (AD): MIRNA-7 UP-REGULATION, AND DOWN-REGULATION OF THE KEY PHAGOCYTOSIS PROTEIN UBIQUITIN LIGASE A (UBE2A) <b>2014</b> , 10, P785-P786 |     |     |
| 111 | Deficits in the miRNA-34a-regulated endogenous TREM2 phagocytosis sensor-receptor in Alzheimer's disease (AD); an update. <i>Frontiers in Aging Neuroscience</i> , <b>2014</b> , 6, 116   | 5-3 | 22  |
| 110 | Pathogenic microbes, the microbiome, and Alzheimer's disease (AD). <i>Frontiers in Aging Neuroscience</i> , <b>2014</b> , 6, 127  | 5-3 | 110 |
| 109 | Comparing miRNAs and viroids; highly conserved molecular mechanisms for the transmission of genetic information. <i>Frontiers in Cellular Neuroscience</i> , <b>2014</b> , 8, 45  | 6-1 | 7   |
| 108 | Regulating amyloidogenesis through the natural triggering receptor expressed in myeloid/microglial cells 2 (TREM2). <i>Frontiers in Cellular Neuroscience</i> , <b>2014</b> , 8, 94   | 6-1 | 21  |
| 107 | An evaluation of progressive amyloidogenic and pro-inflammatory change in the primary visual cortex and retina in Alzheimer's disease (AD). <i>Frontiers in Neuroscience</i> , <b>2014</b> , 8, 347   | 5-1 | 9   |
| 106 | miRNAs and viroids utilize common strategies in genetic signal transfer. <i>Frontiers in Molecular Neuroscience</i> , <b>2014</b> , 7, 10   | 6-1 | 20  |
| 105 | Evolution of microRNA (miRNA) Structure and Function in Plants and Animals: Relevance to Aging and Disease. <i>Journal of Aging Science</i> , <b>2014</b> , 2,  | 0   | 10  |
| 104 | The mobilization of aluminum into the biosphere. <i>Frontiers in Neurology</i> , <b>2014</b> , 5, 262   | 4-1 | 20  |
| 103 | Up-Regulation of miRNA-146a in Progressive, Age-Related Inflammatory Neurodegenerative Disorders of the Human CNS. <i>Frontiers in Neurology</i> , <b>2014</b> , 5, 181   | 4-1 | 44  |
| 102 | Aluminum-induced amyloidogenesis and impairment in the clearance of amyloid peptides from the central nervous system in Alzheimer's disease. <i>Frontiers in Neurology</i> , <b>2014</b> , 5, 167   | 4-1 | 19  |
| 101 | Regulation of neurotropic signaling by the inducible, NF- $\kappa$ B-sensitive miRNA-125b in Alzheimer's disease (AD) and in primary human neuronal-glia (HNG) cells. <i>Molecular Neurobiology</i> , <b>2014</b> , 50, 97-106                    | 6-2 | 68  |
| 100 | Selective accumulation of aluminum in cerebral arteries in Alzheimer's disease (AD). <i>Journal of Inorganic Biochemistry</i> , <b>2013</b> , 126, 35-7   | 4-2 | 54  |
| 99  | Corneal neovascularization: a review of the molecular biology and current therapies. <i>Expert Review of Ophthalmology</i> , <b>2013</b> , 8, 167-189   | 1-5 | 9   |

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| 98 | Intracerebral propagation of Alzheimer's disease: strengthening evidence of a herpes simplex virus etiology. <i>Alzheimers and Dementia</i> , <b>2013</b> , 9, 169-75   | 1.2 | 61  |
| 97 | 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> , <b>2013</b> , 128, 267-9   | 4.2 | 46  |
| 96 | Alzheimer's disease (AD) as a disorder of the plasma membrane. <i>Frontiers in Physiology</i> , <b>2013</b> , 4, 24   | 4.6 | 23  |
| 95 | Antagonism of NF- $\kappa$ B-up-regulated micro RNAs (miRNAs) in sporadic Alzheimer's disease (AD)-anti-NF- $\kappa$ B vs. anti-miRNA strategies. <i>Frontiers in Genetics</i> , <b>2013</b> , 4, 77  | 4.5 | 21  |
| 94 | Circular RNA (circRNA) in Alzheimer's disease (AD). <i>Frontiers in Genetics</i> , <b>2013</b> , 4, 307   | 4.5 | 466 |
| 93 | Regulation of TREM2 expression by an NF- $\kappa$ B-sensitive miRNA-34a. <i>NeuroReport</i> , <b>2013</b> , 24, 318-23  | 1.7 | 83  |
| 92 | Alzheimer's disease and the microbiome. <i>Frontiers in Cellular Neuroscience</i> , <b>2013</b> , 7, 153  | 6.1 | 164 |
| 91 | TREM2 signaling, miRNA-34a and the extinction of phagocytosis. <i>Frontiers in Cellular Neuroscience</i> , <b>2013</b> , 7, 131   | 6.1 | 20  |
| 90 | Variability in micro RNA (miRNA) abundance, speciation and complexity amongst different human populations and potential relevance to Alzheimer's disease (AD). <i>Frontiers in Cellular Neuroscience</i> , <b>2013</b> , 7, 133   | 6.1 | 43  |
| 89 | NF- $\kappa$ B-regulated, proinflammatory miRNAs in Alzheimer's disease. <i>Alzheimers Research and Therapy</i> , <b>2012</b> , 4, 47   | 9   | 54  |
| 88 | Amyloid beta (A $\beta$ ) peptide modulators and other current treatment strategies for Alzheimer's disease (AD). <i>Expert Opinion on Emerging Drugs</i> , <b>2012</b> ,   | 3.7 | 43  |
| 87 | Regulation of complement factor H (CFH) by multiple miRNAs in Alzheimer's disease (AD) brain. <i>Molecular Neurobiology</i> , <b>2012</b> , 46, 11-9  | 6.2 | 120 |
| 86 | Metal-sulfate induced generation of ROS in human brain cells: detection using an isomeric mixture of 5- and 6-carboxy-2',7'-dichlorofluorescein diacetate (carboxy-DCFDA) as a cell permeant tracer. <i>International Journal of Molecular Sciences</i> , <b>2012</b> , 13, 9615-26 | 6.3 | 32  |
| 85 | Evolution and complexity of micro RNA in the human brain. <i>Frontiers in Genetics</i> , <b>2012</b> , 3, 166   | 4.5 | 33  |
| 84 | Spreading of Alzheimer's disease inflammatory signaling through soluble micro-RNA. <i>NeuroReport</i> , <b>2012</b> , 23, 621-626   | 1.7 | 59  |
| 83 | NF- $\kappa$ B-regulated micro RNAs (miRNAs) in primary human brain cells. <i>Experimental Neurology</i> , <b>2012</b> , 235, 484-90  | 5.7 | 76  |
| 82 | Studying micro RNA Function and Dysfunction in Alzheimer's Disease. <i>Frontiers in Genetics</i> , <b>2012</b> , 3, 327   | 4.5 | 50  |
| 81 | miRNA-155 upregulation and complement factor H deficits in Down's syndrome. <i>NeuroReport</i> , <b>2012</b> , 23, 168-73   | 1.7 | 59  |

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|----|--|-----|-----|
| 80 | Spreading of Alzheimer's disease inflammatory signaling through soluble micro-RNA. <i>NeuroReport</i> , <b>2012</b> , 23, 621-6  | 1.7 | 65  |
| 79 | Common micro RNAs (miRNAs) target complement factor H (CFH) regulation in Alzheimer's disease (AD) and in age-related macular degeneration (AMD). <i>International Journal of Biochemistry and Molecular Biology</i> , <b>2012</b> , 3, 105-16   | 0.4 | 92  |
| 78 | microRNA (miRNA) speciation in Alzheimer's disease (AD) cerebrospinal fluid (CSF) and extracellular fluid (ECF). <i>International Journal of Biochemistry and Molecular Biology</i> , <b>2012</b> , 3, 365-73  | 0.4 | 146 |
| 77 | Generation of Reactive Oxygen Species (ROS) and Pro-Inflammatory Signaling in Human Brain Cells in Primary Culture <b>2012</b> , Suppl 2, 001  |     | 8   |
| 76 | Differential expression of miRNA-146a-regulated inflammatory genes in human primary neural, astroglial and microglial cells. <i>Neuroscience Letters</i> , <b>2011</b> , 499, 109-13   | 3.3 | 90  |
| 75 | Docosahexaenoic acid-derived neuroprotectin D1 induces neuronal survival via secretase- and PPAR $\gamma$ -mediated mechanisms in Alzheimer's disease models. <i>PLoS ONE</i> , <b>2011</b> , 6, e15816  | 3.7 | 174 |
| 74 | Retinal amyloid peptides and complement factor H in transgenic models of Alzheimer's disease. <i>NeuroReport</i> , <b>2011</b> , 22, 623-7   | 1.7 | 100 |
| 73 | Up-regulation of NF-kB-sensitive miRNA-125b and miRNA-146a in metal sulfate-stressed human astroglial (HAG) primary cell cultures. <i>Journal of Inorganic Biochemistry</i> , <b>2011</b> , 105, 1434-7  | 4.2 | 63  |
| 72 | Towards the prevention of potential aluminum toxic effects and an effective treatment for Alzheimer's disease. <i>Journal of Inorganic Biochemistry</i> , <b>2011</b> , 105, 1505-12   | 4.2 | 67  |
| 71 | Nearest hyperplane distance neighbor clustering algorithm applied to gene co-expression analysis in Alzheimer's disease. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2011</b> , 2011, 5559-62 | 0.9 | 4   |
| 70 | Genetic Signaling in Glioblastoma Multiforme (GBM): A Current Overview. <i>Advances in Neurobiology</i> , <b>2011</b> , 799-821  | 2.1 |     |
| 69 | Differential regulation of interleukin-1 receptor-associated kinase-1 (IRAK-1) and IRAK-2 by microRNA-146a and NF-kappaB in stressed human astroglial cells and in Alzheimer disease. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 38951-60   | 5.4 | 204 |
| 68 | Neuroprotectin D1 induces dephosphorylation of Bcl-xL in a PP2A-dependent manner during oxidative stress and promotes retinal pigment epithelial cell survival. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 18301-8  | 5.4 | 52  |
| 67 | Acyclovir or A $\beta$ 2 peptides attenuate HSV-1-induced miRNA-146a levels in human primary brain cells. <i>NeuroReport</i> , <b>2010</b> , 21, 922-7   | 1.7 | 67  |
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