## **Supplementary Table 2**

| <b>Lead author</b><br>J.A. Hardy | <b>Year</b> 1992 | Title Alzheimer's disease: The amyloid cascade hypothesis  | <b>Authorship</b><br>Multiple author | Lead author country United States | Study design<br>Evidence-based overview | Citation count<br>8633 | Citations speed 269.8 | <b>Dimension</b> Unicist | <b>Grouping</b><br>Amyloid |
|----------------------------------|------------------|--|--------------------------------------|-----------------------------------|---|------------------------|-----------------------|--------------------------|----------------------------|
| R.C.A. Frederickson              | 1992             | Astroglia in Alzheimer's disease   | Single author                        | United States                     | Evidence-based overview                 | 153                    | 4.8                   | Unicist                  | Amyloid                    |
| G.W. Roberts                     | 1993             | On the origin of Alzheimer's disease: A hypothesis   | Multiple author                      | UK                                | Evidence-based overview                 | 76                     | 2.5                   | Unicist                  | Amyloid                    |
| D. J. Selkoe                     | 2000             | Toward a comprehensive theory for Alzheimer's disease. Hypothesis: Alzheimer's disease is caused by the cerebral accumulation and cytotoxicity of amyloid beta-protein | Single author                        | United States                     | Theoretical overview                    | 843                    | 35.1                  | Unicist                  | Amyloid                    |
| K. Sambamurti                    | 2006             | A partial failure of membrane protein turnover may cause Alzheimer's disease: A new hypothesis   | Multiple author                      | United States                     | Theoretical overview                    | 97                     | 5.4                   | Unicist                  | Amyloid                    |
| D.W. Ethell                      | 2010             | An amyloid-notch hypothesis for Alzheimer's disease  | Single author                        | United States                     | Theoretical overview                    | 45                     | 3.2                   | Unicist                  | Amyloid                    |
| Thomas J. Anastasio              | 2011             | Data-driven modeling of Alzheimer Disease pathogenesis   | Single author                        | United States                     | Evidence-based overview                 | 44                     | 3.4                   | Multifactorial           | Amyloid                    |
| J.H.K. Tam                       | 2012             | Amyloid and alzheimer's disease: Inside and out  | Multiple author                      | Canada                            | Evidence-based overview                 | 94                     | 7.8                   | Unicist                  | Amyloid                    |
| P. Han                           | 2016             | A Theoretical Analysis of the Synergy of Amyloid and Tau in Alzheimer's Disease  | Multiple author                      | United States                     | Theoretical overview                    | 24                     | 3.0                   | Multifactorial           | Amyloid                    |
| G. Gallardo                      | 2019             | Amyloid-beta and Tau at the Crossroads of Alzheimer's Disease  | Multiple author                      | United States                     | Theoretical overview                    | 146                    | 29.2                  | Multifactorial           | Amyloid                    |
| G. Paroni                        | 2019             | Understanding the Amyloid Hypothesis in Alzheimer's Disease  | Multiple author                      | Italy                             | Theoretical overview                    | 93                     | 18.6                  | Unicist                  | Amyloid                    |
| R.J. Castellani                  | 2019             | The amyloid cascade and Alzheimer's disease therapeutics: theory versus observation  | Multiple author                      | United States                     | Evidence-based overview                 | 123                    | 24.6                  | Unicist                  | Amyloid                    |
| J.R. Petrella                    | 2019             | Computational Causal Modeling of the Dynamic Biomarker Cascade in Alzheimer's Disease  | Multiple author                      | United States                     | Theoretical overview                    | 35                     | 7.0                   | Unicist                  | Amyloid                    |
| R. Caselli                       | 2020             | An agnostic reevaluation of the amyloid cascade hypothesis of Alzheimer's disease pathogenesis: The role of APP homeostasis  | Multiple author                      | United States                     | Theoretical overview                    | 26                     | 6.5                   | Unicist                  | Amyloid                    |
| R.N. Kalaria                     | 1992             | The blood-brain barrier and cerebral microcirculation in Alzheimer's disease   | Single author                        | United States                     | Evidence-based overview                 | 202                    | 6.3                   | Unicist                  | Cerebrovascular            |
| J.C. de la Torre                 | 1999             | Critical threshold cerebral hypoperfusion causes Alzheimer's disease?  | Single author                        | United States                     | Evidence-based overview                 | 411                    | 16.4                  | Unicist                  | Cerebrovascular            |
| B. Zlokovic                      | 2002             | Vascular disorder in Alzheimer's disease: Role in pathogenesis of dementia and therapeutic targets   | Single author                        | United States                     | Evidence-based overview                 | 89                     | 4.0                   | Unicist                  | Cerebrovascular            |
| A.H.Vagnucci                     | 2003             | Alzheimer's disease and angiogenesis   | Multiple author                      | United States                     | Evidence-based overview                 | 400                    | 19.0                  | Unicist                  | Cerebrovascular            |
| M.C. Henry-Feugeas               | 2008             | Alzheimer's disease in late-life dementia: a minor toxic consequence of devastating cerebrovascular dysfunction  | Single author                        | France                            | Theoretical overview                    | 49                     | 3.1                   | Unicist                  | Cerebrovascular            |
| R. Pluta                         | 2008             | Brain ischemia and ischemic blood-brain barier as etiological factors in sporadic Alzheimer's disease  | Multiple author                      | Poland                            | Evidence-based overview                 | 39                     | 2.4                   | Unicist                  | Cerebrovascular            |
| C. Cordonnier                    | 2011             | Brain microbleeds and Alzheimer's disease: Innocent observation or key player?   | Single author                        | France                            | Evidence-based overview                 | 341                    | 26.2                  | Unicist                  | Cerebrovascular            |
| A.J. Orehek                      | 2012             | The Micron Stroke Hypothesis of Alzheimer's Disease and Dementia   | Single author                        | United States                     | Theoretical overview                    | 11                     | 0.9                   | Unicist                  | Cerebrovascular            |
| Charles T. Ambrose               | 2014             | A therapeutic approach for senile dementias: Neuroangiogenesis   | Single author                        | United States                     | Evidence-based overview                 | 22                     | 2.2                   | Unicist                  | Cerebrovascular            |
| A. Kapadia                       | 2020             | Intersection between sleep and neurovascular coupling as the driving pathophysiology of Alzheimer's disease  | Single author                        | Canada                            | Theoretical overview                    | 8                      | 2.0                   | Multifactorial           | Cerebrovascular            |
| Chantal Vidal                    | 2021             | An Analysis of the Neurological and Molecular Alterations Underlying the Pathogenesis of Alzheimer's Disease.  | Multiple author                      | United States                     | Theoretical overview                    | 13                     | 4.3                   | Unicist                  | Cerebrovascular            |
| Y.B. Yurok                       | 2011             | The DNA replication stress hypothesis of Alzheimer's disease   |                                      | Russia                            | Theoretical overview                    | 115                    | 8.8                   | Unicist                  | Genetics                   |
| A.C. Bruni                       | 2020             | From beta amyloid to altered proteostasis in Alzheimer's disease   | Multiple author                      | Italy                             | Theoretical overview                    | 31                     | 7.8                   | Multifactorial           | Genetics                   |
| G.E. Kaeser                      | 2020             | Mosaic Somatic Gene Recombination as a Potentially Unifying Hypothesis for Alzheimer's Disease   | Multiple author                      | United States                     | Evidence-based overview                 | 20                     | 5.0                   | Unicist                  | Genetics                   |
| Francesco Angelucci              | 2019             | Antibiotics, gut microbiota, and Alzheimer's disease   | Multiple author                      | Czech Republic                    | Systematic review                       | 334                    | 66.8                  | Multifactorial           | Gut/brain axis             |
| M. Cerovic                       | 2019             | Neuroinflammation and the Gut Microbiota: Possible Alternative Therapeutic Targets to Counteract Alzheimer's Disease?  | Multiple author                      | Italy                             | Evidence-based overview                 | 106                    | 21.2                  | Unicist                  | Gut/brain axis             |
| M. Bostanciklioglu               | 2019             | The role of gut microbiota in pathogenesis of Alzheimer's disease  | Single author                        | Turkey                            | Theoretical overview                    | 156                    | 31.2                  | Unicist                  | Gut/brain axis             |
| Kevin Roe                        | 2022             | An Alternative Explanation for Alzheimer's Disease and Parkinson's Disease Initiation from Specific Antibiotics, Gut Microbiota Dysbiosis and Neurotoxins.             | Single author                        | United States                     | Theoretical overview                    | 18                     | 9.0                   | Unicist                  | Gut/brain axis             |
| C.B. Dobson                      | 1999             | Herpes simplex virus type 1 and Alzheimer's disease  | Multiple author                      | United Kingdom                    | Theoretical overview                    | 101                    | 4.0                   | Unicist                  | Infection                  |
| Tamas Fulop                      | 2000             | Targeting Infectious Agents as a Therapeutic Strategy in Alzheimer's Disease   | Multiple author                      | Canada                            | Evidence-based overview                 | 30                     | 1.3                   | Unicist                  | Infection                  |
| A.B. MacDonald                   | 2007             | Alzheimer's neuroborreliosis with trans-synaptic spread of infection and neurofibrillary tangles derived from intraneuronal spirochetes                                | Single author                        | United States                     | Theoretical overview                    | 42                     | 2.5                   | Unicist                  | Infection                  |
| M. Desfulian                     | 2008             | Can phages cause Alzheimer's disease?  | Multiple author                      | Iran                              | Theoretical overview                    | 11                     | 0.7                   | Unicist                  | Infection                  |
| Claire Roubaud Baudron           | 2015             | Alzheimer's disease: the infectious hypothesis   | Multiple author                      | France                            | Systematic review                       | 14                     | 1.6                   | Unicist                  | Infection                  |
| Frank O. Bastian                 | 2015             | Is Alzheimer's Disease Infectious? Relative to the CID Bacterial Infection Model of Neurodegeneration  | Single author                        | United States                     | Theoretical overview                    | 1                      | 0.1                   | Unicist                  | Infection                  |
| J. Block                         | 2019             | Alzheimer's disease might depend on enabling pathogens which do not necessarily cross the blood-brain barrier  | Single author                        | Israel                            | Theoretical overview                    | 15                     | 3.0                   | Unicist                  | Infection                  |
| F. Bermejo-Pareja                | 2020             | Salivary lactoferrin as biomarker for Alzheimer's disease: Brain-immunity interactions   | Multiple author                      | Spain                             | Evidence-based overview                 | 37                     | 9.3                   | Unicist                  | Infection                  |
| Feijie Li                        | 2021             | The role of microbial infection in the pathogenesis of Alzheimer's disease and the opportunity for protection by anti-microbial peptides.                              | Multiple author                      | Australia                         | Theoretical overview                    | 20                     | 6.7                   | Unicist                  | Infection                  |
| Frauke Reinscheid                | 2021             | A new proposal for the causative agent of the sporadic form of Alzheimer's disease.  | Single author                        | Germany                           | Theoretical overview                    | 1                      | 0.3                   | Unicist                  | Infection                  |

| Shin Jie Yong       | 2021 | The Hippocampal Vulnerability to Herpes Simplex Virus Type I Infection: Relevance to Alzheimer's Disease and Memory Impairment.  | Multiple author | Malaysia      | Evidence-based overview | 16  | 5.3  | Unicist        | Infection                 |
|---------------------|------|--|-----------------|---------------|-------------------------|-----|------|----------------|---------------------------|
| Ahmad Sait          | 2021 | Viral Involvement in Alzheimer's Disease.  | Multiple author | Saudi Arabia  | Theoretical overview    | 40  | 13.3 | Unicist        | Infection                 |
| A.S. Henderson      | 1988 | The risk factors for Alzheimer's disease: A review and a hypothesis  | Single author   | Australia     | Evidence-based overview | 197 | 5.5  | Multifactorial | Inflammation              |
|                     |      | Free radical theory of aging: A hypothesis on pathogenesis of senile dementia of the Alzheimer's   | -               |               |                         |     |      |                |                           |
| D. Harman           | 1992 | type   | Single author   | United States | Theoretical overview    | 84  | 2.6  | Multifactorial | Inflammation              |
| G. Veurink          | 2003 | Genetics, lifestyle and the roles of amyloid beta and oxidative stress in Alzheimer's disease  | Multiple author | Australia     | Theoretical overview    | 68  | 3.2  | Unicist        | Inflammation              |
| Steven W. Barger    | 2004 | An unconventional hypothesis of oxidation in Alzheimer's disease: intersections with excitotoxicity  | Single author   | United States | Theoretical overview    | 29  | 1.5  | Multifactorial | Inflammation              |
| R. B. Maccioni      | 2009 | What Have We Learned from the Tau Hypothesis?  | Multiple author | Chile         | Evidence-based overview | 13  | 0.9  | Unicist        | Inflammation              |
| R. Rodrigues        | 2010 | Oxidative stress and neurodegeneration: An inevitable consequence of aging? Implications for therapy   | Multiple author | Brazil        | Theoretical overview    | 7   | 0.5  | Unicist        | Inflammation              |
| A. Seaton           | 2020 | Pollution, Particles, and Dementia: A Hypothetical Causative Pathway   | Multiple author | UK            | Theoretical overview    | 17  | 4.3  | Unicist        | Inflammation              |
| Ana Lioret          | 2021 | Is Oxidative Stress the Link Between Cerebral Small Vessel Disease, Sleep Disruption, and Oligodendrocyte Dysfunction in the Onset of Alzheimer's Disease?                                   | Multiple author | Spain         | Theoretical overview    | 14  | 4.7  | Unicist        | Inflammation              |
| Jade de Oliveira    | 2021 | Inflammatory Cascade in Alzheimer's Disease Pathogenesis: A Review of Experimental Findings.   | Multiple author | Brazil        | Evidence-based overview | 54  | 18.0 | Unicist        | Inflammation              |
| Abdalla Bowirrat    | 2022 | Immunosenescence and Aging: Neuroinflammation Is a Prominent Feature of Alzheimer's Disease and Is a Likely Contributor to Neurodegenerative Disease Pathogenesis.                           | Single author   | Israel        | Theoretical overview    | 8   | 4.0  | Unicist        | Inflammation              |
| Rimil Guha Roy      | 2023 | Oxidative Stress Occurs Prior to Amyloid Abeta Plaque Formation and Tau Phosphorylation in Alzheimer's Disease: Role of Glutathione and Metal lons.  | Multiple author | India         | Theoretical overview    | 7   | 7.0  | Unicist        | Inflammation              |
| W. Meier-Ruge       | 1996 | The significance of glucose turnover in the brain in the pathogenetic mechanisms of Alzheimer's disease  | Multiple author | Switzerland   | Theoretical overview    | 83  | 3.0  | Unicist        | Metabolism                |
| C. Lynch            | 2000 | $\label{thm:comprehensive} Comprehensive theory of Alzheimer's \ disease. The \ effects \ of \ cholesterol \ on \ membrane \ receptor \ trafficking$   | Multiple author | United States | Theoretical overview    | 31  | 1.3  | Multifactorial | Metabolism                |
| D.K. Lahiri         | 2007 | How and when environmental agents and dietary factors affect the course of Alzheimer's disease: the "LEARn" model (latent early-life associated regulation) may explain the triggering of AD | Multiple author | United States | Theoretical overview    | 151 | 8.9  | Unicist        | Metabolism                |
| Giulia Accardi      | 2012 | Can Alzheimer disease be a form of type 3 diabetes?  | Multiple author | Italy         | Evidence-based overview | 102 | 8.5  | Unicist        | Metabolism                |
| L.A. Demetrius      | 2012 | An inverse-Warburg effect and the origin of Alzheimer's disease  | Multiple author | United States | Theoretical overview    | 90  | 7.5  | Unicist        | Metabolism                |
| R.J. Mullins        | 2017 | Insulin resistance as a link between amyloid-beta and tau pathologies in Alzheimer's disease   | Multiple author | United States | Evidence-based overview | 158 | 22.6 | Multifactorial | Metabolism                |
| A. Rorbach-Dolata   | 2019 | Neurometabolic Evidence Supporting the Hypothesis of Increased Incidence of Type 3 Diabetes Mellitus in the 21st Century   | Multiple author | Poland        | Theoretical overview    | 44  | 8.8  | Unicist        | Metabolism                |
| J. Folch            | 2019 | The Involvement of Peripheral and Brain Insulin Resistance in Late Onset Alzheimer's Dementia  | Multiple author | Spain         | Theoretical overview    | 49  | 9.8  | Unicist        | Metabolism                |
| Gouri V. Patil      | 2020 | A possible role of glycation in the regulation of amyloid beta precursor protein processing leading to amyloid beta accumulation   | Multiple author | India         | Theoretical overview    | 5   | 1.3  | Unicist        | Metabolism                |
| J. Suresh           | 2020 | Shared signaling pathways in Alzheimer's and metabolic disease may point to new treatment approaches   | Multiple author | Singapore     | Theoretical overview    | 20  | 5.0  | Unicist        | Metabolism                |
| S.W. King           | 1981 | The clinical biochemistry of aluminum  | Multiple author | United States | Theoretical overview    | 143 | 3.3  | Unicist        | Metals                    |
| J.A. Bjorksten      | 1982 | Aluminium as a cause of senile dementia  | Single author   | United States | Theoretical overview    | 2   | 0.0  | Unicist        | Metals                    |
| J. Constantinidis   | 1990 | Alzheimer's disease: The zinc theory   | Single author   | France        | Theoretical overview    | 40  | 1.2  | Unicist        | Metals                    |
| A.I. Bush           | 2003 | Copper, zinc, and the metallobiology of Alzheimer disease  | Single author   | Australia     | Evidence-based overview | 142 | 6.8  | Unicist        | Metals                    |
| L.M. Klevay         | 2008 | Alzheimer's disease as copper deficiency   | Single author   | United States | Theoretical overview    | 85  | 5.3  | Unicist        | Metals                    |
| B.E. Dwyer          | 2009 | Getting the iron out: phlebotomy for Alzheimer's disease?  | Multiple author | United States | Evidence-based overview | 45  | 3.0  | Unicist        | Metals                    |
| T.J.A. Craddock     | 2012 | The zinc dyshomeostasis hypothesis of Alzheimer's disease  | Multiple author | Canada        | Evidence-based overview | 200 | 16.7 | Unicist        | Metals                    |
| G.J. Brewer         | 2012 | Metals in the causation and treatment of Wilson's disease and Alzheimer's disease, and copper lowering therapy in medicine   | Single author   | United States | Theoretical overview    | 40  | 3.3  | Unicist        | Metals                    |
| E. Bonilla          | 1999 | Mitochondrial involvement in Alzheimer's disease   | Multiple author | United States | Theoretical overview    | 208 | 8.3  | Unicist        | Mitochondrial dysfunction |
| R.H. Swerdlow       | 2009 | A "mitochondrial cascade hypothesis" for sporadic Alzheimer's disease  | Multiple author | United States | Evidence-based overview | 810 | 54.0 | Unicist        | Mitochondrial dysfunction |
| D.J. Bonda          | 2009 | Mitochondrial Drugs for Alzheimer Disease  | Multiple author | United States | Evidence-based overview | 18  | 1.2  | Unicist        | Mitochondrial dysfunction |
| M. Chen             | 2014 | Our "energy-Ca2+ signaling deficits" hypothesis and its explanatory potential for key features of Alzheimer's disease  | Multiple author | United States | Theoretical overview    | 11  | 1.1  | Multifactorial | Mitochondrial dysfunction |
| Benedict C. Albensi | 2019 | Dysfunction of mitochondria: Implications for Alzheimer's disease  | Single author   | Canada        | Evidence-based overview | 56  | 11.2 | Unicist        | Mitochondrial dysfunction |
| Estela Area-Gomez   | 2019 | Mitochondria, OxPhos, and neurodegeneration: Cells are not just running out of gas   | Multiple author | United States | Theoretical overview    | 118 | 23.6 | Unicist        | Mitochondrial dysfunction |
| B. Ebanks           | 2020 | ATP synthase and Alzheimer's disease: putting a spin on the mitochondrial hypothesis   | Multiple author | UK            | Evidence-based overview | 35  | 8.8  | Unicist        | Mitochondrial dysfunction |
| Pooja Jadiya        | 2021 | Reappraisal of metabolic dysfunction in neurodegeneration: Focus on mitochondrial function and calcium signaling.  | Multiple author | United States | Evidence-based overview | 33  | 11.0 | Unicist        | Mitochondrial dysfunction |

| H.P. Schmitt         | 2005 | Neuro-modulation, aminergic neuro-disinhibition and neuro-degeneration. Draft of a comprehensive theory for Alzheimer disease         | Single author   | Germany         | Theoretical overview    | 25  | 1.3  | Unicist        | Neurotransmitters |
|----------------------|------|---|-----------------|-----------------|-------------------------|-----|------|----------------|-------------------|
| L.A. Craig           | 2011 | Revisiting the cholinergic in the development of Alzheimer's disease  | Multiple author | Canada          | Evidence-based overview | 552 | 42.5 | Multifactorial | Neurotransmitters |
| Daniel Bi            | 2020 | GABAergic dysfunction in excitatory and inhibitory (E/I) imbalance drives the pathogenesis of Alzheimer's disease                     | Multiple author | China           | Theoretical overview    | 95  | 23.8 | Unicist        | Neurotransmitters |
| L. Sordillo          | 2020 | Abnormal Tryptophan Metabolism in Alzheimer's Disease (ALZ): Label-free spectroscopy suggests an alternative theory of ALZ causation  | Multiple author | United States   | Theoretical overview    | 4   | 1.0  | Unicist        | Neurotransmitters |
| Robert Zorec         | 2023 | Adrenergic regulation of astroglial aerobic glycolysis and lipid metabolism: Towards a noradrenergic hypothesis of neurodegeneration. | Multiple author | Slovenia        | Systematic review       | 1   | 1.0  | Unicist        | Neurotransmitters |
| M.J. Ball            | 1982 | Alzheimer's disease. A challenging enigma   | Single author   | Canada          | Theoretical overview    | 37  | 0.9  | Multifactorial | Other             |
| D.W. Miller          | 1993 | Reflections on the psychobiological nature of reality, with a theory about Alzheimer's disease  | Single author   | United States   | Text and opinion        | 4   | 0.1  | Multifactorial | Other             |
| Z.S. Khachaturian    | 1994 | Calcium hypothesis of Alzheimer's disease and brain aging   | Single author   | United States   | Evidence-based overview | 465 | 15.5 | Unicist        | Other             |
| W. Ying              | 1996 | Deleterious network hypothesis of Alzheimer's disease   | Single author   | United States   | Theoretical overview    | 32  | 1.1  | Multifactorial | Other             |
| M.M. Mesulam         | 2000 | A plasticity-based theory of the pathogenesis of Alzheimer's disease  | Single author   | United States   | Theoretical overview    | 174 | 7.3  | Multifactorial | Other             |
| R.P. Clarke          | 2000 | Does longer-term memory storage never become overloaded, and would such overload cause Alzheimer's disease and other dementia?        | Single author   | UK              | Theoretical overview    | 9   | 0.4  | Unicist        | Other             |
| D. Neill             | 2001 | Maladaptive and dysfunctional synaptoplasticity in relation to Alzheimer's disease and schizophrenia                                  | Single author   | UK              | Theoretical overview    | 2   | 0.1  | Multifactorial | Other             |
| R.J. McDonald        | 2002 | Multiple combinations of co-factors produce variants of age-related cognitive decline: a theory                                       | Single author   | Canada          | Theoretical overview    | 66  | 3.0  | Multifactorial | Other             |
| K.M. Webber          | 2006 | The cell cycle and hormonal fluxes in Alzheimer disease: A novel therapeutic target   | Multiple author | United States   | Theoretical overview    | 24  | 1.3  | Unicist        | Other             |
| Thomas Arendt        | 2007 | Linking cell-cycle dysfunction in Alzheimer's disease to a failure of synaptic plasticity   | Multiple author | Germany         | Theoretical overview    | 68  | 4.0  | Unicist        | Other             |
| M. Fotuhi            | 2009 | Changing perspectives regarding late-life dementia  | Multiple author | United States   | Systematic review       | 394 | 26.3 | Multifactorial | Other             |
| J.P. Lopes           | 2009 | Cell cycle re-entry in Alzheimer's disease: A major neuropathological characteristic?   | Multiple author | Portugal        | Theoretical overview    | 48  | 3.2  | Unicist        | Other             |
| C.P. Maurizi         | 2010 | Choroid plexus portals and a deficiency of melatonin can explain the neuropathology of Alzheimer's disease                            | Single author   | United States   | Theoretical overview    | 23  | 1.6  | Unicist        | Other             |
| Richard A. Armstrong | 2011 | The pathogenesis of alzheimer's disease: A reevaluation of the "amyloid cascade hypothesis"   | Single author   | UK              | Theoretical overview    | 156 | 12.0 | Multifactorial | Other             |
| Paul H. Axelsen      | 2011 | Oxidative stress and cell membranes in the pathogenesis of Alzheimer's disease  | Multiple author | United States   | Theoretical overview    | 200 | 15.4 | Unicist        | Other             |
| P.V. Moulton         | 2012 | Air Pollution, Oxidative Stress, and Alzheimer's Disease  | Multiple author | United States   | Evidence-based overview | 272 | 22.7 | Multifactorial | Other             |
| P.A. Denis           | 2013 | Alzheimer's disease: A gas model. The NADPH oxidase-Nitric Oxide system as an antibubble biomachinery                                 | Single author   | France          | Evidence-based overview | 13  | 1.2  | Unicist        | Other             |
| M.A. Castello        | 2013 | Rational heterodoxy: Cholesterol reformation of the amyloid doctrine  | Multiple author | United States   | Theoretical overview    | 45  | 4.1  | Unicist        | Other             |
| D. Roccisano         | 2014 | A possible cause of Alzheimer's dementia - Industrial soy foods   | Multiple author | Australia       | Theoretical overview    | 14  | 1.4  | Unicist        | Other             |
| M. Nehls             | 2016 | Unified theory of Alzheimer's disease (UTAD): Implications for prevention and curative therapy  | Single author   | Germany         | Theoretical overview    | 43  | 5.4  | Multifactorial | Other             |
| K.H. Tse             | 2017 | Re-imagining Alzheimer's disease - the diminishing importance of amyloid and a glimpse of what lies ahead                             | Multiple author | Hong-Kong       | Theoretical overview    | 106 | 15.1 | Multifactorial | Other             |
| M. Fox               | 2018 | Evolutionary medicine, perspectives on Alzheimer's Disease: Review and new directions   | Single author   | United States   | Theoretical overview    | 31  | 5.2  | Multifactorial | Other             |
| K.A. Schiel          | 2018 | A new etiologic model for Alzheimers Disease  | Single author   | United States   | Theoretical overview    | 7   | 1.2  | Unicist        | Other             |
| S. Zuodong           | 2019 | The theory of dove-like particles   | Single author   | China           | Theoretical overview    | 6   | 1.2  | Unicist        | Other             |
| J.F. Uleman          | 2020 | Mapping the multicausality of Alzheimer's disease through group model building  | Multiple author | The Netherlands | Theoretical overview    | 29  | 7.3  | Multifactorial | Other             |
| A. Offringa-Hup      | 2020 | Alzheimer's disease: The derailed repair hypothesis   | Single author   | The Netherlands | Theoretical overview    | 3   | 0.8  | Multifactorial | Other             |
| Alexei Kurakin       | 2020 | Alzheimer's disease as a systems network disorder: chronic stress/dyshomeostasis, innate immunity, and genetics                       | Multiple author | United States   | Theoretical overview    | 11  | 2.8  | Multifactorial | Other             |
| O. Bugiani           | 2020 | The puzzle of preserved cognition in the oldest old   | Single author   | Italy           | Theoretical overview    | 7   | 1.8  | Unicist        | Other             |
| Bor Luen Tang        | 2020 | Neuropathological mechanisms associated with pesticides in Alzheimer's disease  | Single author   | Singapore       | Theoretical overview    | 46  | 11.5 | Unicist        | Other             |
| Baruh Polis          | 2021 | Alzheimer's disease as a chronic maladaptive polyamine stress response.   | Multiple author | Israel          | Theoretical overview    | 29  | 9.7  | Unicist        | Other             |
| Beatrice Paola Festa | 2021 | The pleiotropic roles of autophagy in Alzheimer's disease: From pathophysiology to therapy.   | Multiple author | UK              | Evidence-based overview | 19  | 6.3  | Unicist        | Other             |
| Isidro Ferrer        | 2022 | Alzheimer's disease is an inherent, natural part of human brain aging: an integrated perspective.                                     | Single author   | Spain           | Theoretical overview    | 7   | 3.5  | Multifactorial | Other             |
| Shigeki Kawabata     | 2022 | Excessive/Aberrant and Maladaptive Synaptic Plasticity: A Hypothesis for the Pathogenesis of Alzheimer's Disease.                     | Single author   | Japan           | Theoretical overview    | 4   | 2.0  | Unicist        | Other             |
| Josh Turknett        | 2022 | Demand Coupling Drives Neurodegeneration: A Model of Age-Related Cognitive Decline and Dementia.                                      | Multiple author | United States   | Theoretical overview    | 3   | 1.5  | Unicist        | Other             |
| Donald J. Lehmann    | 2023 | Many Paths to Alzheimer's Disease: A Unifying Hypothesis Integrating Biological, Chemical, and Physical Risk Factors.                 | Multiple author | UK              | Theoretical overview    | 0   | 0.0  | Multifactorial | Other             |
| Scott B. Hansen      | 2023 | Cholesterol's Function and Origin in the Alzheimer's Disease Brain.   | Single author   | United States   | Theoretical overview    | 0   | 0.0  | Unicist        | Other             |
| G. Benzi             | 1995 | Are reactive oxygen species involved in Alzheimer's disease?  | Multiple author | Italy           | Systematic review       | 513 | 17.7 | Unicist        | Oxydative stress  |
| Gjumrakch Aliev      | 2009 | Nitric oxide as an initiator of brain lesions during the development of Alzheimer disease   | Multiple author | United States   | Evidence-based overview | 150 | 10.0 | Unicist        | Oxydative stress  |
| -                    | 1001 | Cytoskeletal alterations might account for the phylogenetic vulnerability of the human brain to                                       | •               |                 |                         | 42  |      |                | •                 |
| P.L. Di Patre        | 1991 | Alzheimer's disease   | Single author   | United States   | Theoretical overview    | 12  | 0.4  | Unicist        | Proteinopathy     |

| J.P. Liautard | 1994 | A hypothesis on the aetiology of Alzheimer's disease: description of a model involving a misfolded chaperone      | Single author   | France        | Theoretical overview    | 12  | 0.4  | Unicist | Proteinopathy        |
|---------------|------|---|-----------------|---------------|-------------------------|-----|------|---------|----------------------|
| E. Masliah    | 2000 | The role of synaptic proteins in Alzheimer's disease  | Single author   | United States | Theoretical overview    | 56  | 2.3  | Unicist | Proteinopathy        |
| F. Torreilles | 2002 | Pathogenic theories and intrathecal analysis of the sporadic form of Alzheimer's disease                          | Multiple author | France        | Evidence-based overview | 83  | 3.8  | Unicist | Proteinopathy        |
| W.J. Streit   | 2004 | Microglia and Alzheimer's disease pathogenesis  | Single author   | United States | Theoretical overview    | 447 | 22.4 | Unicist | White matter disease |
| A. Erol       | 2010 | Are paradoxical cell cycle activities in neurons and glia related to the metabolic theory of Alzheimer's disease? | Single author   | Turkey        | Theoretical overview    | 21  | 1.5  | Unicist | White matter disease |