Study of the ketogenic agent AC-1202 in mild to modera randomized, double-blind, placebo-controlled, multicer

Nutrition and Metabolism 6, 31 DOI: 10.1186/1743-7075-6-31

Citation Report

#	Article	IF	CITATIONS
1	Mitochondrial Medicine and the Neurodegenerative Mitochondriopathies. Pharmaceuticals, 2009, 2, 150-167.	1.7	43
2	Carbs, Ketones, and Cognition. Lippincott S Bone and Joint Newsletter, 2009, 35, 5-7.	0.0	0
3	Translational Research in Genomics of Alzheimer's Disease: A Review of Current Practice and Future Perspectives. Journal of Alzheimer's Disease, 2010, 20, 967-980.	1.2	16
4	Current therapeutic targets for the treatment of Alzheimer's disease. Expert Review of Neurotherapeutics, 2010, 10, 711-728.	1.4	101
6	Ketones prevent synaptic dysfunction induced by mitochondrial respiratory complex inhibitors. Journal of Neurochemistry, 2010, 114, 130-141.	2.1	89
7	Effects of Rivastigmine Transdermal Patch and Capsule on Aspects of Clinical Global Impression of Change in Alzheimer's Disease: A Retrospective Analysis. Dementia and Geriatric Cognitive Disorders, 2010, 29, 406-412.	0.7	9
8	Bezafibrate Mildly Stimulates Ketogenesis and Fatty Acid Metabolism in Hypertriglyceridemic Subjects. Journal of Pharmacology and Experimental Therapeutics, 2010, 334, 341-346.	1.3	17
9	The Alzheimer's Disease Mitochondrial Cascade Hypothesis. Journal of Alzheimer's Disease, 2010, 20, S265-S279.	1.2	435
10	Ketogenic diets: An historical antiepileptic therapy with promising potentialities for the aging brain. Ageing Research Reviews, 2010, 9, 273-279.	5.0	38
11	Dietary treatment of epilepsy: rebirth of an ancient treatment. Neurologia I Neurochirurgia Polska, 2011, 45, 370-378.	0.6	16
12	Nutrition and Nutritional Supplements to Promote Brain Health. , 2011, , 249-269.		1
13	Medical Foods for Alzheimer's Disease. Drugs and Aging, 2011, 28, 421-428.	1.3	25
14	Genetics of Dementia. CONTINUUM Lifelong Learning in Neurology, 2011, 17, 326-342.	0.4	5
15	Role and Treatment of Mitochondrial DNA-Related Mitochondrial Dysfunction in Sporadic Neurodegenerative Diseases. Current Pharmaceutical Design, 2011, 17, 3356-3373.	0.9	33
16	Metabolic Treatments for Intractable Epilepsy. Seminars in Pediatric Neurology, 2011, 18, 179-185.	1.0	17
17	Brain fuel metabolism, aging, and Alzheimer's disease. Nutrition, 2011, 27, 3-20.	1.1	475
18	Pharmacogenetic analysis of the effects of polymorphisms in APOE, IDE and IL1B on a ketone body based therapeutic on cognition in mild to moderate Alzheimer's disease; a randomized, double-blind, placebo-controlled study. BMC Medical Genetics, 2011, 12, 137.	2.1	39
19	Dietary Omega 3 Polyunsaturated Fatty Acids and Alzheimers Disease: Interaction with Apolipoprotein E Genotype. Current Alzheimer Research, 2011, 8, 479-491.	0.7	111

#	Article	IF	CITATIONS
20	Symptomatic and Nonamyloid/Tau Based Pharmacologic Treatment for Alzheimer Disease. Cold Spring Harbor Perspectives in Medicine, 2012, 2, a006395-a006395.	2.9	57
21	Use of medical foods and nutritional approaches in the treatment of Alzheimer's disease. Clinical Practice (London, England), 2012, 9, 199-209.	0.1	61
22	Mitochondrial biogenesis and increased uncoupling protein 1 in brown adipose tissue of mice fed a ketone ester diet. FASEB Journal, 2012, 26, 2351-2362.	0.2	101
23	The Ketogenic Diet as a Treatment Paradigm for Diverse Neurological Disorders. Frontiers in Pharmacology, 2012, 3, 59.	1.6	347
24	Can coconut oil replace caprylidene for Alzheimer disease?. JAAPA: Official Journal of the American Academy of Physician Assistants, 2012, 25, 19.	0.1	10
26	Sporadic Alzheimer's Disease: The Starving Brain. Journal of Alzheimer's Disease, 2012, 31, 459-474.	1.2	55
27	ALSUntangled 15: Coconut Oil. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2012, 13, 328-330.	2.3	6
28	Dietary ketosis enhances memory in mild cognitive impairment. Neurobiology of Aging, 2012, 33, 425.e19-425.e27.	1.5	246
29	Neuroprotection in metabolism-based therapy. Epilepsy Research, 2012, 100, 286-294.	0.8	28
30	The ketogenic diet increases brain glucose and ketone uptake in aged rats: A dual tracer PET and volumetric MRI study. Brain Research, 2012, 1488, 14-23.	1.1	41
31	Mitochondrial Abnormalities in Alzheimer's Disease. Advances in Pharmacology, 2012, 64, 83-126.	1.2	66
32	Optimizing diagnosis and management in mild-to-moderate Alzheimer's disease. Neurodegenerative Disease Management, 2012, 2, 291-304.	1.2	9
33	The use of ketogenic diet in special situations: expanding use in intractable epilepsy and other neurologic disorders. Korean Journal of Pediatrics, 2012, 55, 316.	1.9	7
34	Ketone bodies in epilepsy. Journal of Neurochemistry, 2012, 121, 28-35.	2.1	155
35	Hippocampal Neurogenesis in Alzheimer's Disease: Is There a Role for Dietary Modulation?. Journal of Alzheimer's Disease, 2013, 38, 11-38.	1.2	62
36	Treatment of Alzheimer's Disease: Current Management and Experimental Therapeutics. Current Translational Geriatrics and Experimental Gerontology Reports, 2013, 2, 174-181.	0.7	11
37	3-Hydroxybutyrate methyl ester as a potential drug against Alzheimer's disease via mitochondria protection mechanism. Biomaterials, 2013, 34, 7552-7562.	5.7	113
38	Decoding Alzheimer's disease from perturbed cerebral glucose metabolism: Implications for diagnostic and therapeutic strategies. Progress in Neurobiology, 2013, 108, 21-43.	2.8	499

Сітат	101	DEDO	DT
	()N	K F D (ו גוו
\sim 17/1		ILLI C	

#	Article	IF	CITATIONS
39	How to design nutritional intervention trials to slow cognitive decline in apparently healthy populations and apply for efficacy claims: A statement from the international academy on nutrition and aging task force. Journal of Nutrition, Health and Aging, 2013, 17, 619-623.	1.5	11
40	Butyrylcholinesterase genotype and gender influence Alzheimer's disease phenotype. , 2013, 9, e17-e73.		30
41	APOE and neuroenergetics: an emerging paradigm in Alzheimer's disease. Neurobiology of Aging, 2013, 34, 1007-1017.	1.5	63
42	Stimulation of mild, sustained ketonemia by medium-chain triacylglycerols in healthy humans: Estimated potential contribution to brain energy metabolism. Nutrition, 2013, 29, 635-640.	1.1	84
43	Dietary energy substrates reverse early neuronal hyperactivity in a mouse model of Alzheimer's disease. Journal of Neurochemistry, 2013, 125, 157-171.	2.1	79
44	Beyond weight loss: a review of the therapeutic uses of very-low-carbohydrate (ketogenic) diets. European Journal of Clinical Nutrition, 2013, 67, 789-796.	1.3	612
45	After the Diagnosis of Dementia: Considerations in Disease Management. , 2013, , 59-77.		0
46	Cognition and nutrition. Current Opinion in Clinical Nutrition and Metabolic Care, 2013, 17, 1.	1.3	24
47	Association between vitamin A, vitamin E and apolipoprotein E status with mild cognitive impairment among elderly people in low-cost residential areas. Nutritional Neuroscience, 2013, 16, 6-12.	1.5	25
48	Rethinking the formula. Nature Medicine, 2013, 19, 525-529.	15.2	2
49	Retrospective cohort study of the efficacy of caprylic triglyceride in patients with mild-to-moderate Alzheimer's disease. Neuropsychiatric Disease and Treatment, 2013, 9, 1619.	1.0	5
50	Retrospective case studies of the efficacy of caprylic triglyceride in mild-to-moderate Alzheimer's disease. Neuropsychiatric Disease and Treatment, 2013, 9, 1629.	1.0	9
51	Potential Therapeutic Strategies to Prevent the Progression of Alzheimer to Disease States. , 0, , .		2
53	Effects of Caprylic Triglyceride on Cognitive Performance and Cerebral Glucose Metabolism in Mild Alzheimerââ,¬â"¢s Disease: A Single-Case Observation. Frontiers in Aging Neuroscience, 2014, 6, 133.	1.7	14
54	Grand Challenges in Nutrition. Frontiers in Nutrition, 2014, 1, 1.	1.6	54
55	Ketogenic dietary therapy for epilepsy and other disorders: current perspectives. Nutrition and Dietary Supplements, 2014, , 25.	0.7	5
56	Health economics evidence for medical nutrition: are these interventions value for money in integrated care?. ClinicoEconomics and Outcomes Research, 2014, 6, 241.	0.7	24
57	Enhanced cerebral bioenergetics with dietary ketosis in Mild Cognitive Impairment. Nutrition and Aging (Amsterdam, Netherlands), 2014, 2, 223-232.	0.3	5

#	Article	IF	CITATIONS
58	What have novel imaging techniques revealed about metabolism in the aging brain?. Future Neurology, 2014, 9, 341-354.	0.9	35
59	Coconut Oil Attenuates the Effects of Amyloid-Î ² on Cortical Neurons in vitro. Journal of Alzheimer's Disease, 2014, 39, 233-237.	1.2	37
60	Should animal fats be back on the table? A critical review of the human health effects of animal fat. Animal Production Science, 2014, 54, 831.	0.6	36
61	Bioenergetic medicine. British Journal of Pharmacology, 2014, 171, 1854-1869.	2.7	37
62	Oxaloacetate activates brain mitochondrial biogenesis, enhances the insulin pathway, reduces inflammation and stimulates neurogenesis. Human Molecular Genetics, 2014, 23, 6528-6541.	1.4	80
63	Ketone bodies as signaling metabolites. Trends in Endocrinology and Metabolism, 2014, 25, 42-52.	3.1	708
64	Mitochondrial respiration as a target for neuroprotection and cognitive enhancement. Biochemical Pharmacology, 2014, 88, 584-593.	2.0	92
65	Ketogenic diets, mitochondria, and neurological diseases. Journal of Lipid Research, 2014, 55, 2211-2228.	2.0	190
66	Altered Coupling of Regional Cerebral Blood flow and Brain Temperature in Schizophrenia Compared with Bipolar Disorder and Healthy Subjects. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 1868-1872.	2.4	24
67	Nutraceuticals: A Novel Concept in Prevention and Treatment of Alzheimer's Disease and Related Disorders. Journal of Alzheimer's Disease, 2014, 42, 357-367.	1.2	40
68	Role of Medium Chain Triglycerides (Axona [®]) in the Treatment of Mild to Moderate Alzheimer's Disease. American Journal of Alzheimer's Disease and Other Dementias, 2014, 29, 409-414.	0.9	40
69	Natural Products and Supplements for Geriatric Depression and Cognitive Disorders: An Evaluation of the Research. Current Psychiatry Reports, 2014, 16, 456.	2.1	26
70	Alterations of Hippocampal Glucose Metabolism by Even versus Uneven Medium Chain Triglycerides. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 153-160.	2.4	27
71	Nutrition and prevention of Alzheimerââ,¬â"¢s dementia. Frontiers in Aging Neuroscience, 2014, 6, 282.	1.7	72
72	Effects of a ketogenic diet on hippocampal plasticity in freely moving juvenile rats. Physiological Reports, 2015, 3, e12411.	0.7	14
73	A practical algorithm for managing Alzheimer's disease: what, when, and why?. Annals of Clinical and Translational Neurology, 2015, 2, 307-323.	1.7	68
74	Effects of ketone bodies in Alzheimer's disease in relation to neural hypometabolism, βâ€amyloid toxicity, and astrocyte function. Journal of Neurochemistry, 2015, 134, 7-20.	2.1	85
76	Human ApoE Isoforms Differentially Modulate Glucose and Amyloid Metabolic Pathways in Female Brain: Evidence of the Mechanism of Neuroprotection by ApoE2 and Implications for Alzheimer's Disease Prevention and Early Intervention. Journal of Alzheimer's Disease, 2015, 48, 411-424.	1.2	76

#	Article	IF	CITATIONS
77	Medical Foods and Dietary Approaches in Cognitive Decline, Mild Cognitive Impairment, and Dementia. , 2015, , 343-356.		2
78	Ketosis in Mild Cognitive Impairment and Alzheimer's Disease. , 2015, , 447-456.		1
79	BACE1 activity impairs neuronal glucose oxidation: rescue by beta-hydroxybutyrate and lipoic acid. Frontiers in Cellular Neuroscience, 2015, 9, 382.	1.8	19
80	The Therapeutic Potential of the Ketogenic Diet in Treating Progressive Multiple Sclerosis. Multiple Sclerosis International, 2015, 2015, 1-9.	0.4	50
81	Red Wine, Resveratrol, and Vascular Aging. , 2015, , 943-953.		0
82	The role of dietary coconut for the prevention and treatment of Alzheimer's disease: potential mechanisms of action. British Journal of Nutrition, 2015, 114, 1-14.	1.2	160
83	Targeting the Prodromal Stage of Alzheimer's Disease: Bioenergetic and Mitochondrial Opportunities. Neurotherapeutics, 2015, 12, 66-80.	2.1	59
84	Pilot feasibility and safety study examining the effect of medium chain triglyceride supplementation in subjects with mild cognitive impairment: A randomized controlled trial. BBA Clinical, 2015, 3, 123-125.	4.1	66
85	Whole of Diet Approaches. , 2015, , 253-263.		1
86	The benefit of docosahexaenoic acid for the adult brain in aging and dementia. Prostaglandins Leukotrienes and Essential Fatty Acids, 2015, 92, 15-22.	1.0	69
87	Evaluation and Management of the Elderly Patient Presenting with Cognitive Complaints. Medical Clinics of North America, 2015, 99, 311-335.	1.1	40
88	Seizure Control by Derivatives of Medium Chain Fatty Acids Associated with the Ketogenic Diet Show Novel Branching-Point Structure for Enhanced Potency. Journal of Pharmacology and Experimental Therapeutics, 2015, 352, 43-52.	1.3	57
89	Biomarkers, ketone bodies, and the prevention of Alzheimer's disease. Metabolism: Clinical and Experimental, 2015, 64, S51-S57.	1.5	18
90	Ketogenic response to cotreatment with bezafibrate and medium chain triacylglycerols in healthy humans. Nutrition, 2015, 31, 1255-1259.	1.1	9
91	Brain and behavioral perturbations in rats following Western diet access. Appetite, 2015, 93, 35-43.	1.8	36
92	Nutritional or pharmacological activation of HCA2 ameliorates neuroinflammation. Trends in Molecular Medicine, 2015, 21, 245-255.	3.5	70
93	ESPEN guidelines on nutrition in dementia. Clinical Nutrition, 2015, 34, 1052-1073.	2.3	301
94	Brain Health: The Importance of Recognizing Cognitive Impairment: An IAGG Consensus Conference. Journal of the American Medical Directors Association, 2015, 16, 731-739.	1.2	222

#	Article	IF	CITATIONS
95	A new way to produce hyperketonemia: Use of ketone ester in a case of Alzheimer's disease. Alzheimer's and Dementia, 2015, 11, 99-103.	0.4	158
96	Altered Energy Metabolism Pathways in the Posterior Cingulate in Young Adult Apolipoprotein E ɛ4 Carriers. Journal of Alzheimer's Disease, 2016, 53, 95-106.	1.2	64
97	Benefits of use, and tolerance of, medium-chain triglyceride medical food in the management of Japanese patients with Alzheimer's disease: a prospective, open-label pilot study. Clinical Interventions in Aging, 2016, 11, 29.	1.3	62
98	Searching the Linkage between High Fat Diet and Alzheimer′s Disease: A Debatable Proof Stand for Ketogenic Diet to Alleviate Symptoms of Alzheimer′s Patient with APOE ε4 Allele. Journal of Neurology & Neurophysiology, 2016, 07, .	0.1	13
99	Regulation of Ketone Body Metabolism and the Role of PPARα. International Journal of Molecular Sciences, 2016, 17, 2093.	1.8	229
100	Can Ketones Help Rescue Brain Fuel Supply in Later Life? Implications for Cognitive Health during Aging and the Treatment of Alzheimer's Disease. Frontiers in Molecular Neuroscience, 2016, 9, 53.	1.4	148
101	The Calculator of Anti-Alzheimer's Diet. Macronutrients. PLoS ONE, 2016, 11, e0168385.	1.1	4
102	The Influences of Dietary Sugar and Related Metabolic Disorders on Cognitive Aging and Dementia. , 2016, , 331-344.		3
103	Can ketones compensate for deteriorating brain glucose uptake during aging? Implications for the risk and treatment of Alzheimer's disease. Annals of the New York Academy of Sciences, 2016, 1367, 12-20.	1.8	172
104	Ketones and brain development: Implications for correcting deteriorating brain glucose metabolism during aging. OCL - Oilseeds and Fats, Crops and Lipids, 2016, 23, D110.	0.6	0
105	Lauric acid-rich medium-chain triglycerides can substitute for other oils in cooking applications and may have limited pathogenicity. Open Heart, 2016, 3, e000467.	0.9	67
106	Butyrate, neuroepigenetics and the gut microbiome: Can a high fiber diet improve brain health?. Neuroscience Letters, 2016, 625, 56-63.	1.0	452
107	Unified theory of Alzheimer's disease (UTAD): implications for prevention and curative therapy. Journal of Molecular Psychiatry, 2016, 4, 3.	2.0	28
108	1′-Acetoxychavicol acetate ameliorates age-related spatial memory deterioration by increasing serum ketone body production as a complementary energy source for neuronal cells. Chemico-Biological Interactions, 2016, 257, 101-109.	1.7	7
109	Effect of a ketogenic meal on cognitive function in elderly adults: potential for cognitive enhancement. Psychopharmacology, 2016, 233, 3797-3802.	1.5	62
110	Effects of exogenous ketone supplementation on blood ketone, glucose, triglyceride, and lipoprotein levels in Sprague–Dawley rats. Nutrition and Metabolism, 2016, 13, 9.	1.3	120
111	Medium-chain plasma acylcarnitines, ketone levels, cognition, and gray matter volumes in healthy elderly, mildly cognitively impaired, or Alzheimer's disease subjects. Neurobiology of Aging, 2016, 43, 1-12.	1.5	70
112	Coconut oil – a nutty idea?. Nutrition Bulletin, 2016, 41, 42-54.	0.8	27

#	Article	IF	CITATIONS
113	Defeating Alzheimer's disease and other dementias: a priority for European science and society. Lancet Neurology, The, 2016, 15, 455-532.	4.9	1,242
114	Mediterranean Diet and Neurodegenerative Diseases. , 2016, , 153-164.		3
115	Fatty acids and their therapeutic potential in neurological disorders. Neurochemistry International, 2016, 95, 75-84.	1.9	91
116	Ketogenic diets and Alzheimer's disease. Food Science and Human Wellness, 2017, 6, 1-9.	2.2	39
117	Changes in cerebral metabolism during ketogenic diet in patients with primary brain tumors: 1H-MRS study. Journal of Neuro-Oncology, 2017, 132, 267-275.	1.4	50
118	Coconut oil protects cortical neurons from amyloid beta toxicity by enhancing signaling of cell survival pathways. Neurochemistry International, 2017, 105, 64-79.	1.9	44
119	Energy and the Alzheimer brain. Neuroscience and Biobehavioral Reviews, 2017, 75, 297-313.	2.9	32
120	Brain metabolism in health, aging, andÂneurodegeneration. EMBO Journal, 2017, 36, 1474-1492.	3.5	467
121	Weight Loss in Patients with Dementia: Considering the Potential Impact of Pharmacotherapy. Drugs and Aging, 2017, 34, 425-436.	1.3	31
122	Neuronutrition: An Emerging Concept. , 2017, , 155-206.		0
123	Ketogenic diet in migraine: rationale, findings and perspectives. Neurological Sciences, 2017, 38, 111-115.	0.9	52
124	Effects of interleukin-1beta polymorphisms on brain function and behavior in healthy and psychiatric disease conditions. Cytokine and Growth Factor Reviews, 2017, 37, 89-97.	3.2	67
125	Treatment of Alzheimer's disease. , 0, , 415-424.		3
126	Increased Carbohydrate Intake is Associated with Poorer Performance in Verbal Memory and Attention in an APOE Genotype-Dependent Manner. Journal of Alzheimer's Disease, 2017, 58, 193-201.	1.2	12
127	Epileptic activity in Alzheimer's disease: causes and clinical relevance. Lancet Neurology, The, 2017, 16, 311-322.	4.9	401
128	The present and future of pharmacotherapy of Alzheimer's disease: A comprehensive review. European Journal of Pharmacology, 2017, 815, 364-375.	1.7	118
128 129		1.7	118 23

#	Article	IF	Citations
131	Alzheimer's Disease—Current Status and Future Directions. Journal of Medicinal Food, 2017, 20, 1141-1151.	0.8	21
132	Nutrition for the ageing brain: Towards evidence for an optimal diet. Ageing Research Reviews, 2017, 35, 222-240.	5.0	161
133	Association of blood lipids with Alzheimer's disease: AÂcomprehensiveÂlipidomics analysis. Alzheimer's and Dementia, 2017, 13, 140-151.	0.4	144
134	The Current Status of the Ketogenic Diet in Psychiatry. Frontiers in Psychiatry, 2017, 8, 43.	1.3	80
135	Nootropics, Functional Foods, and Dietary Patterns for Prevention of Cognitive Decline. , 2017, , 211-232.		22
136	Metabolic Dysfunctions in Amyotrophic Lateral Sclerosis Pathogenesis and Potential Metabolic Treatments. Frontiers in Neuroscience, 2016, 10, 611.	1.4	73
137	Metabolic Vulnerability in the Neurodegenerative Disease Glaucoma. Frontiers in Neuroscience, 2017, 11, 146.	1.4	63
138	Differential Fasting Plasma Glucose and Ketone Body Levels in GHRKO versus 3xTg-AD Mice: A Potential Contributor to Aging-Related Cognitive Status?. International Journal of Endocrinology, 2017, 2017, 1-7.	0.6	2
139	Alzheimer's Disease as the Product of a Progressive Energy Deficiency Syndrome in the Central Nervous System: The Neuroenergetic Hypothesis. Journal of Alzheimer's Disease, 2017, 60, 1223-1229.	1.2	32
140	Mitochondrial Dynamics in Neurodegenerative Diseases. Advances in Neurotoxicology, 2017, , 211-246.	0.7	3
141	Brain insulin signalling, glucose metabolism and females' reproductive aging: A dangerous triad in Alzheimer's disease. Neuropharmacology, 2018, 136, 223-242.	2.0	38
142	Ketogenic diet, high intensity interval training (HIIT) and memory training in the treatment of mild cognitive impairment: A case study. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2018, 12, 819-822.	1.8	16
143	A novel metabolism-based phenotypic drug discovery platform in zebrafish uncovers HDACs 1 and 3 as a potential combined anti-seizure drug target. Brain, 2018, 141, 744-761.	3.7	54
144	Potential for diet to prevent and remediate cognitive deficits in neurological disorders. Nutrition Reviews, 2018, 76, 204-217.	2.6	31
145	Evidence for altered insulin receptor signaling in Alzheimer's disease. Neuropharmacology, 2018, 136, 202-215.	2.0	43
146	Nutrition: Review on the Possible Treatment for Alzheimer's Disease. Journal of Alzheimer's Disease, 2018, 61, 867-883.	1.2	22
147	Feasibility and efficacy data from a ketogenic diet intervention in Alzheimer's disease. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2018, 4, 28-36.	1.8	199
148	AMPK induced memory improvements in the diabetic population: A case study. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2018, 12, 1141-1146.	1.8	7

#	Article	IF	CITATIONS
149	Medical synopsis: New metabolic markers to help diagnosis and assess disease progression for Alzheimer's disease, normal pressure hydrocephalus and brain tumours. Advances in Integrative Medicine, 2018, 5, 131-132.	0.4	0
150	Alzheimer Disease. , 2018, , 95-107.e4.		1
151	Mechanisms of action for the medium-chain triglyceride ketogenic diet in neurological and metabolic disorders. Lancet Neurology, The, 2018, 17, 84-93.	4.9	296
152	Exogenous Ketone Bodies as Promising Neuroprotective Agents for Developmental Brain Injury. Developmental Neuroscience, 2018, 40, 451-462.	1.0	24
153	Reduced AMPK activation and increased HCAR activation drive anti-inflammatory response and neuroprotection in glaucoma. Journal of Neuroinflammation, 2018, 15, 313.	3.1	79
154	Nutritional interventions and cognitive-related outcomes in patients with late-life cognitive disorders: A systematic review. Neuroscience and Biobehavioral Reviews, 2018, 95, 480-498.	2.9	27
155	Ketogenic Ratio Determines Metabolic Effects of Macronutrients and Prevents Interpretive Bias. Frontiers in Nutrition, 2018, 5, 75.	1.6	24
156	Ketogenic Diets for Adult Neurological Disorders. Neurotherapeutics, 2018, 15, 1018-1031.	2.1	82
157	Structural and Functional Rescue of Chronic Metabolically Stressed Optic Nerves through Respiration. Journal of Neuroscience, 2018, 38, 5122-5139.	1.7	69
158	Human ApoE Isoforms Differentially Modulate Brain Glucose and Ketone Body Metabolism: Implications for Alzheimer's Disease Risk Reduction and Early Intervention. Journal of Neuroscience, 2018, 38, 6665-6681.	1.7	140
159	Potential Synergies of <i>β</i> -Hydroxybutyrate and Butyrate on the Modulation of Metabolism, Inflammation, Cognition, and General Health. Journal of Nutrition and Metabolism, 2018, 2018, 1-13.	0.7	102
160	Ketones, omega-3 fatty acids and the Yin-Yang balance in the brain: insights from infant development and Alzheimer's disease, and implications for human brain evolution. OCL - Oilseeds and Fats, Crops and Lipids, 2018, 25, D409.	0.6	5
161	Targeted Serum Metabolite Profiling Identifies Metabolic Signatures in Patients with Alzheimer's Disease, Normal Pressure Hydrocephalus and Brain Tumor. Frontiers in Neuroscience, 2017, 11, 747.	1.4	14
162	Anti-Oxidant and Anti-Inflammatory Activity of Ketogenic Diet: New Perspectives for Neuroprotection in Alzheimer's Disease. Antioxidants, 2018, 7, 63.	2.2	144
163	Genomeâ€wide association study: Exploring the genetic basis for responsiveness to ketogenic dietary therapies for drugâ€resistant epilepsy. Epilepsia, 2018, 59, 1557-1566.	2.6	23
164	Changes in regional cerebral blood flow associated with a 45†day course of the ketogenic agent, caprylidene, in patients with mild to moderate Alzheimer's disease: Results of a randomized, double-blinded, pilot study. Experimental Gerontology, 2018, 111, 118-121.	1.2	45
165	How Can a Ketogenic Diet Improve Motor Function?. Frontiers in Molecular Neuroscience, 2018, 11, 15.	1.4	49
166	Improvement of Main Cognitive Functions in Patients with Alzheimer's Disease after Treatment with Coconut Oil Enriched Mediterranean Diet: A Pilot Study. Journal of Alzheimer's Disease, 2018, 65, 577-587	1.2	77

	CITATION	REPORT	
#	Article	IF	Citations
167	The Expanding Role of Ketogenic Diets in Adult Neurological Disorders. Brain Sciences, 2018, 8, 148.	1.1	54
168	Medical synopsis: New metabolic markers to help diagnosis and assess disease progression for Alzheimer's disease, normal pressure hydrocephalus and brain tumours. Advances in Integrative Medicine, 2018, 5, 41-43.	0.4	0
170	Quantitative Metabolomics in Alzheimer's Disease: Technical Considerations for Improved Reproducibility. Methods in Molecular Biology, 2018, 1779, 463-470.	0.4	5
171	Ketogenic Medium Chain Triglycerides Increase Brain Energy Metabolism in Alzheimer's Disease. Journal of Alzheimer's Disease, 2018, 64, 551-561.	1.2	104
172	Ketogenic Diet in Alzheimer's Disease. International Journal of Molecular Sciences, 2019, 20, 3892.	1.8	193
173	Dietary Strategies and Supplements for the Prevention of Cognitive Decline and Alzheimer's Disease. , 2019, , 231-247.		0
174	Crosstalk between the Ketogenic Diet and Epilepsy: From the Perspective of Gut Microbiota. Mediators of Inflammation, 2019, 2019, 1-9.	1.4	47
175	Ketogenic Diet: A New Light Shining on Old but Gold Biochemistry. Nutrients, 2019, 11, 2497.	1.7	62
176	Effect of nutrition on neurodegenerative diseases. A systematic review. Nutritional Neuroscience, 2021, 24, 810-834.	1.5	104
177	Keto microbiota: A powerful contributor to host disease recovery. Reviews in Endocrine and Metabolic Disorders, 2019, 20, 415-425.	2.6	45
178	Dietary Neuroketotherapeutics for Alzheimer's Disease: An Evidence Update and the Potential Role for Diet Quality. Nutrients, 2019, 11, 1910.	1.7	37
179	Exogenous Ketones Lower Blood Glucose Level in Rested and Exercised Rodent Models. Nutrients, 2019, 11, 2330.	1.7	26
180	Mitochondrial dysfunction in Alzheimer's disease: Role in pathogenesis and novel therapeutic opportunities. British Journal of Pharmacology, 2019, 176, 3489-3507.	2.7	279
181	Efficacy and safety of exogenous ketone bodies for preventive treatment of migraine: A study protocol for a single-centred, randomised, placebo-controlled, double-blind crossover trial. Trials, 2019, 20, 61.	0.7	17
182	The impact of lactic acid and medium chain triglyceride on blood glucose, lactate and diurnal motor activity: A re-examination of a treatment of major depression using lactic acid. Physiology and Behavior, 2019, 208, 112569.	1.0	7
183	Neuroprotection in Alzheimer Disease. Springer Protocols, 2019, , 465-585.	0.1	1
184	The effects of GSK2981710, a mediumâ€chain triglyceride, on cognitive function in healthy older participants: A randomised, placeboâ€controlled study. Human Psychopharmacology, 2019, 34, e2694.	0.7	12
185	2-Deoxyglucose and Beta-Hydroxybutyrate: Metabolic Agents for Seizure Control. Frontiers in Cellular Neuroscience, 2019, 13, 172.	1.8	30

#	Article	IF	CITATIONS
186	Plasma Ketone and Medium Chain Fatty Acid Response in Humans Consuming Different Medium Chain Triglycerides During a Metabolic Study Day. Frontiers in Nutrition, 2019, 6, 46.	1.6	49
187	Mediterranean and MIND Diets Containing Olive Biophenols Reduces the Prevalence of Alzheimer's Disease. International Journal of Molecular Sciences, 2019, 20, 2797.	1.8	48
188	Ketone Bodies in Neurological Diseases: Focus on Neuroprotection and Underlying Mechanisms. Frontiers in Neurology, 2019, 10, 585.	1.1	123
189	A ketogenic drink improves brain energy and some measures of cognition in mild cognitive impairment. Alzheimer's and Dementia, 2019, 15, 625-634.	0.4	137
190	The Spark of Life and the Unification of Intelligence, Health, and Aging. Current Directions in Psychological Science, 2019, 28, 223-228.	2.8	11
191	<i>APOE</i> ε4, the door to insulinâ€resistant dyslipidemia and brain fog? A case study. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 264-269.	1.2	13
192	Role of DNA Methylation and Adenosine in Ketogenic Diet for Pharmacoresistant Epilepsy: Focus on Epileptogenesis and Associated Comorbidities. Frontiers in Neurology, 2019, 10, 119.	1.1	22
193	Preliminary Report on the Feasibility and Efficacy of the Modified Atkins Diet for Treatment of Mild Cognitive Impairment and Early Alzheimer's Disease. Journal of Alzheimer's Disease, 2019, 68, 969-981.	1.2	66
194	Potential Protective Mechanisms of Ketone Bodies in Migraine Prevention. Nutrients, 2019, 11, 811.	1.7	45
195	Effects of 7-Day Ketone Ingestion and a Physiological Workload on Postural Stability, Cognitive, and Muscular Exertion Measures in Professional Firefighters. Safety, 2019, 5, 15.	0.9	1
196	Medical foods in Alzheimer's disease. Food Science and Human Wellness, 2019, 8, 1-7.	2.2	19
197	Cerebral Ketones Detected by 3T MR Spectroscopy in Patients with High-Grade Glioma on an Atkins-Based Diet. American Journal of Neuroradiology, 2019, 40, 1908-1915.	1.2	6
198	Cognitive symptoms of Alzheimer's disease: clinical management and prevention. BMJ, The, 2019, 367, l6217.	3.0	162
199	Role of Ketogenic Diets in Neurodegenerative Diseases (Alzheimer's Disease and Parkinson's Disease). Nutrients, 2019, 11, 169.	1.7	189
200	Effects of apolipoprotein E on nutritional metabolism in dementia. Current Opinion in Lipidology, 2019, 30, 10-15.	1.2	13
201	Effects of a medium-chain triglyceride-based ketogenic formula on cognitive function in patients with mild-to-moderate Alzheimer's disease. Neuroscience Letters, 2019, 690, 232-236.	1.0	169
202	The ketogenic diet as a potential treatment and prevention strategy for Alzheimer's disease. Nutrition, 2019, 60, 118-121.	1,1	104
203	Evaluation of dietary and lifestyle changes as modifiers of S100β levels in Alzheimer's disease. Nutritional Neuroscience, 2019, 22, 1-18.	1.5	29

#	Article	IF	CITATIONS
204	Targeting the Warburg effect for cancer treatment: Ketogenic diets for management of glioma. Seminars in Cancer Biology, 2019, 56, 135-148.	4.3	116
205	Modified ketogenic diet is associated with improved cerebrospinal fluid biomarker profile, cerebral perfusion, and cerebral ketone body uptake in older adults at risk for Alzheimer's disease: a pilot study. Neurobiology of Aging, 2020, 86, 54-63.	1.5	136
206	Exercise, diet and stress as modulators of gut microbiota: Implications for neurodegenerative diseases. Neurobiology of Disease, 2020, 134, 104621.	2.1	210
207	Acute coffee ingestion with and without medium-chain triglycerides decreases blood oxidative stress markers and increases ketone levels. Canadian Journal of Physiology and Pharmacology, 2020, 98, 194-200.	0.7	7
208	Medium-chain triglycerides improved cognition and lipid metabolomics in mild to moderate Alzheimer's disease patients with APOE4â^'/â^': A double-blind, randomized, placebo-controlled crossover trial. Clinical Nutrition, 2020, 39, 2092-2105.	2.3	67
209	BHBA treatment improves cognitive function by targeting pleiotropic mechanisms in transgenic mouse model of Alzheimer's disease. FASEB Journal, 2020, 34, 1412-1429.	0.2	53
210	Medium Chain Triglycerides Modulate the Ketogenic Effect of a Metabolic Switch. Frontiers in Nutrition, 2020, 7, 3.	1.6	25
211	Medium Chain Triglycerides induce mild ketosis and may improve cognition in Alzheimer's disease. A systematic review and meta-analysis of human studies. Ageing Research Reviews, 2020, 58, 101001.	5.0	57
212	Cognitive Effects of a Ketogenic Diet on Neurocognitive Impairment in Adults Aging With HIV: A Pilot Study. Journal of the Association of Nurses in AIDS Care, 2020, 31, 312-324.	0.4	18
213	Therapeutic alternative of the ketogenic Mediterranean diet to improve mitochondrial activity in Amyotrophic Lateral Sclerosis (ALS): A Comprehensive Review. Food Science and Nutrition, 2020, 8, 23-35.	1.5	28
214	Therapeutic strategies for ketosis induction and their potential efficacy for the treatment of acute brain injury and neurodegenerative diseases. Neurochemistry International, 2020, 133, 104614.	1.9	30
215	Microglial Immunometabolism in Alzheimer's Disease. Frontiers in Cellular Neuroscience, 2020, 14, 563446.	1.8	27
216	Dietary Interventions to Prevent or Delay Alzheimer's Disease: What the Evidence Shows. Current Nutrition Reports, 2020, 9, 210-225.	2.1	20
217	Medium-Chain Triglycerides (8:0 and 10:0) Increase Mini-Mental State Examination (MMSE) Score in Frail Elderly Adults in a Randomized Controlled Trial. Journal of Nutrition, 2020, 150, 2383-2390.	1.3	16
218	Effects of Ketone Bodies on Brain Metabolism and Function in Neurodegenerative Diseases. International Journal of Molecular Sciences, 2020, 21, 8767.	1.8	190
219	The Evidence for Geary's Theory on the Role of Mitochondrial Functioning in Human Intelligence Is Not Entirely Convincing. Journal of Intelligence, 2020, 8, 29.	1.3	2
220	Brain glucose and ketone utilization in brain aging and neurodegenerative diseases. International Review of Neurobiology, 2020, 154, 79-110.	0.9	27
221	Brain energy rescue: an emerging therapeutic concept for neurodegenerative disorders of ageing. Nature Reviews Drug Discovery, 2020, 19, 609-633.	21.5	441

ARTICLE IF CITATIONS # Exogenous Ketone Supplements Improved Motor Performance in Preclinical Rodent Models. Nutrients, 222 1.7 11 2020, 12, 2459. β-Hydroxybutyrate inhibits inflammasome activation to attenuate Alzheimer's disease pathology. 3.1 Journal of Neuroinflammation, 2020, 17, 280. Emerging Therapeutic Promise of Ketogenic Diet to Attenuate Neuropathological Alterations in 224 1.9 16 Alzheimer's Disease. Molecular Neurobiology, 2020, 57, 4961-4977. Current Nutritional Approaches and Clinical Interventions for Alzheimer's Disease. Juntendo Medical 0.1 Journal, 2020, 66, 162-171. Alzheimer's Disease, a Lipid Story: Involvement of Peroxisome Proliferator-Activated Receptor α. Cells, 226 1.8 30 2020, 9, 1215. A Placebo-Controlled, Parallel-Group, Randomized Clinical Trial of AC-1204 in Mild-to-Moderate Alzheimer's Disease. Journal of Alzheimer's Disease, 2020, 75, 547-557. 1.2 228 Role of antioxidants and a nutrient rich diet in Alzheimer's disease. Open Biology, 2020, 10, 200084. 1.5 39 APOE Alleles and Diet in Brain Aging and Alzheimer's Disease. Frontiers in Aging Neuroscience, 2020, 12, 220 1.7 150. Modulation of Cellular Biochemistry, Epigenetics and Metabolomics by Ketone Bodies. Implications of 230 1.7 108 the Ketogenic Diet in the Physiology of the Organism and Pathological States. Nutrients, 2020, 12, 788. Can nutrition support healthy cognitive ageing and reduce dementia risk?. BMJ, The, 2020, 369, m2269. To Keto or Not to Keto? A Systematic Review of Randomized Controlled Trials Assessing the Effects of 232 2.9 36 Ketogenic Therapy on Alzheimer Disease. Advances in Nutrition, 2020, 11, 1583-1602. Physical exercise in the prevention and treatment of Alzheimer's disease. Journal of Sport and Health 3.3 230 Science, 2020, 9, 394-404. Induced Ketosis as a Treatment for Neuroprogressive Disorders: Food for Thought?. International 234 1.0 28 Journal of Neuropsychopharmacology, 2020, 23, 366-384. Lipids and Alzheimer's Disease. International Journal of Molecular Sciences, 2020, 21, 1505. 1.8 Inducing ketogenesis via an enteral formulation in patients with acute brain injury:a phase II study. 236 0.6 10 Neurological Research, 2020, 42, 275-285. Cardiac ketone body metabolism. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 1.8 64 165739. Validation of a novel and accurate ApoE4 assay for automated chemistry analyzers. Scientific Reports, 238 1.6 5 2020, 10, 2138. Potential of coconut oil and medium chain triglycerides in the prevention and treatment of 239 2.2 54 Alzheimer's disease. Mechanisms of Ageing and Development, 2020, 186, 111209.

#	Article	IF	CITATIONS
240	Ketogenic diets and protective mechanisms in epilepsy, metabolic disorders, cancer, neuronal loss, and muscle and nerve degeneration. Journal of Food Biochemistry, 2020, 44, e13140.	1.2	48
241	Ketone Bodies Promote Amyloid-β1–40 Clearance in a Human in Vitro Blood–Brain Barrier Model. International Journal of Molecular Sciences, 2020, 21, 934.	1.8	42
242	Ketosis After Intake of Coconut Oil and Caprylic Acid—With and Without Glucose: A Cross-Over Study in Healthy Older Adults. Frontiers in Nutrition, 2020, 7, 40.	1.6	19
243	Influence of the Mediterranean and Ketogenic Diets on Cognitive Status and Decline: A Narrative Review. Nutrients, 2020, 12, 1019.	1.7	41
244	Are ketogenic diets promising for Alzheimer's disease? A translational review. Alzheimer's Research and Therapy, 2020, 12, 42.	3.0	38
245	A Modified MCT-Based Ketogenic Diet Increases Plasma Î ² -Hydroxybutyrate but Has Less Effect on Fatigue and Quality of Life in People with Multiple Sclerosis Compared to a Modified Paleolithic Diet: A Waitlist-Controlled, Randomized Pilot Study. Journal of the American College of Nutrition, 2021, 40, 13-25.	1.1	39
246	Mitochondria-Targeted Therapeutics for Alzheimer's Disease: The Good, the Bad, the Potential. Antioxidants and Redox Signaling, 2021, 34, 611-630.	2.5	16
247	The effects of medium chain triglyceride (MCT) supplementation using a C8:C10 ratio of 30:70 on cognitive performance in healthy young adults. Physiology and Behavior, 2021, 229, 113252.	1.0	15
248	A ketogenic drink improves cognition in mild cognitive impairment: Results of a 6â€month RCT. Alzheimer's and Dementia, 2021, 17, 543-552.	0.4	92
249	The ketogenic diet and healthy brain aging. , 2021, , 567-575.		Ο
249 250	The ketogenic diet and healthy brain aging. , 2021, , 567-575. Mitochondrial drug delivery systems. , 2021, , 385-409.		0
250	Mitochondrial drug delivery systems. , 2021, , 385-409.	3.0	4
250 251	Mitochondrial drug delivery systems. , 2021, , 385-409. Caprylic/capric triglyceride. , 2021, , 139-146. Randomized crossover trial of a modified ketogenic diet in Alzheimer's disease. Alzheimer's Research	3.0	4
250 251 252	Mitochondrial drug delivery systems. , 2021, , 385-409. Caprylic/capric triglyceride. , 2021, , 139-146. Randomized crossover trial of a modified ketogenic diet in Alzheimer's disease. Alzheimer's Research and Therapy, 2021, 13, 51.		4 1 115
250 251 252 253	Mitochondrial drug delivery systems. , 2021, , 385-409. Caprylic/capric triglyceride. , 2021, , 139-146. Randomized crossover trial of a modified ketogenic diet in Alzheimer's disease. Alzheimer's Research and Therapy, 2021, 13, 51. Targeting Diet and Exercise for Neuroprotection and Neurorecovery in Glaucoma. Cells, 2021, 10, 295. The Efficacy of Ketogenic Therapies in the Clinical Management of People with Neurodegenerative	1.8	4 1 115 21
250 251 252 253 254	Mitochondrial drug delivery systems. , 2021, , 385-409. Caprylic/capric triglyceride. , 2021, , 139-146. Randomized crossover trial of a modified ketogenic diet in Alzheimer's disease. Alzheimer's Research and Therapy, 2021, 13, 51. Targeting Diet and Exercise for Neuroprotection and Neurorecovery in Glaucoma. Cells, 2021, 10, 295. The Efficacy of Ketogenic Therapies in the Clinical Management of People with Neurodegenerative Disease: A Systematic Review. Advances in Nutrition, 2021, 12, 1571-1593. Betahydroxybutyrate Consumption in Autopsy Brain Tissue from Alzheimer's Disease Subjects. Journal	1.8 2.9	4 1 115 21 17

#	Article	IF	CITATIONS
258	The Interaction of Diet and Mitochondrial Dysfunction in Aging and Cognition. International Journal of Molecular Sciences, 2021, 22, 3574.	1.8	17
259	The medium-chain fatty acid decanoic acid reduces oxidative stress levels in neuroblastoma cells. Scientific Reports, 2021, 11, 6135.	1.6	24
260	Therapies for Alzheimer's disease: a metabolic perspective. Molecular Genetics and Metabolism, 2021, 132, 162-172.	0.5	8
261	Effects of Calorie Restriction on Health Span and Insulin Resistance: Classic Calorie Restriction Diet vs. Ketosis-Inducing Diet. Nutrients, 2021, 13, 1302.	1.7	29
262	The possibility of use of the ketogenic diet and medium chain triglycerides supplementation in the support therapy of Alzheimer disease. Current Opinion in Clinical Nutrition and Metabolic Care, 2021, 24, 385-391.	1.3	6
263	Inflammation and Insulin Resistance as Risk Factors and Potential Therapeutic Targets for Alzheimer's Disease. Frontiers in Neuroscience, 2021, 15, 653651.	1.4	30
264	Precision Nutrition for Alzheimer's Prevention in ApoE4 Carriers. Nutrients, 2021, 13, 1362.	1.7	36
265	Alzheimer's Disease: Related Targets, Synthesis of Available Drugs, Bioactive Compounds Under Development and Promising Results Obtained from Multi-target Approaches. Current Drug Targets, 2021, 22, 505-538.	1.0	7
266	Measuring ketone bodies for the monitoring of pathologic and therapeutic ketosis. Obesity Science and Practice, 2021, 7, 646-656.	1.0	19
267	An fMRI Investigation into the Effects of Ketogenic Medium-Chain Triglycerides on Cognitive Function in Elderly Adults: A Pilot Study. Nutrients, 2021, 13, 2134.	1.7	16
268	Beneficial Effects of Exogenous Ketogenic Supplements on Aging Processes and Age-Related Neurodegenerative Diseases. Nutrients, 2021, 13, 2197.	1.7	29
269	The cerebral hypometabolism model of Alzheimer's disease explored: can a ketogenic diet improve cognition in Alzheimer's disease? A review of the literature. British Journal of Neuroscience Nursing, 2021, 17, 95-103.	0.1	Ο
270	Dietary prospects of coconut oil for the prevention and treatment of Alzheimer's disease (AD): A review of recent evidences. Trends in Food Science and Technology, 2021, 112, 201-211.	7.8	34
271	Ketogenic Diet Decreases Alcohol Intake in Adult Male Mice. Nutrients, 2021, 13, 2167.	1.7	19
273	Nutritional Ketosis in Parkinson's Disease — a Review of Remaining Questions and Insights. Neurotherapeutics, 2021, 18, 1637-1649.	2.1	15
274	APOE Genotype and Alzheimer's Disease: The Influence of Lifestyle and Environmental Factors. ACS Chemical Neuroscience, 2021, 12, 2749-2764.	1.7	37
275	Mild cognitive impairment: when nutrition helps brain energy rescue—a report from the EuGMS 2020 Congress. European Geriatric Medicine, 2021, 12, 1285-1292.	1.2	10
276	Therapy for Alzheimer's disease: Missing targets and functional markers?. Ageing Research Reviews, 2021, 68, 101318.	5.0	34

#	Article	IF	CITATIONS
277	Serum proBDNF Is Associated With Changes in the Ketone Body β-Hydroxybutyrate and Shows Superior Repeatability Over Mature BDNF: Secondary Outcomes From a Cross-Over Trial in Healthy Older Adults. Frontiers in Aging Neuroscience, 2021, 13, 716594.	1.7	10
278	Bioactive Lipids and Their Derivatives in Biomedical Applications. Biomolecules and Therapeutics, 2021, 29, 465-482.	1.1	18
279	Astrocyte metabolism of the medium-chain fatty acids octanoic acid and decanoic acid promotes GABA synthesis in neurons via elevated glutamine supply. Molecular Brain, 2021, 14, 132.	1.3	39
280	Ketones: potential to achieve brain energy rescue and sustain cognitive health during ageing. British Journal of Nutrition, 2022, 128, 407-423.	1.2	12
281	Ketogenic dietary interventions in autosomal dominant polycystic kidney disease—a retrospective case series study: first insights into feasibility, safety and effects. CKJ: Clinical Kidney Journal, 2022, 15, 1079-1092.	1.4	23
282	Fatty acids and beyond: Age and Alzheimer's disease related changes in lipids reveal the neuro-nutraceutical potential of lipids in cognition. Neurochemistry International, 2021, 149, 105143.	1.9	20
283	Kidney plays an important role in ketogenesis induced by risperidone and voluntary exercise in juvenile female rats. Psychiatry Research, 2021, 305, 114196.	1.7	3
284	Effect of medium chain fatty acid in human health and disease. Journal of Functional Foods, 2021, 87, 104724.	1.6	62
285	Alzheimer's Disease Pharmacology. , 2021, , .		1
286	Glucose- and Fructose-Induced Toxicity in the Liver and Brain. , 2013, , 35-66.		1
286 287	Clucose- and Fructose-Induced Toxicity in the Liver and Brain. , 2013, , 35-66. Efficiency of mitochondrial functioning as the fundamental biological mechanism of general intelligence (g) Psychological Review, 2018, 125, 1028-1050.	2.7	1 58
	Efficiency of mitochondrial functioning as the fundamental biological mechanism of general	2.7	
287	Efficiency of mitochondrial functioning as the fundamental biological mechanism of general intelligence (g) Psychological Review, 2018, 125, 1028-1050. Ketogenic diet and cognition in neurological diseases: a systematic review. Nutrition Reviews, 2021, 79,		58
287 288	Efficiency of mitochondrial functioning as the fundamental biological mechanism of general intelligence (g) Psychological Review, 2018, 125, 1028-1050. Ketogenic diet and cognition in neurological diseases: a systematic review. Nutrition Reviews, 2021, 79, 802-813. Genetic variants for personalised management of very low carbohydrate ketogenic diets. BMJ	2.6	58 27
287 288 289	Efficiency of mitochondrial functioning as the fundamental biological mechanism of general intelligence (g) Psychological Review, 2018, 125, 1028-1050. Ketogenic diet and cognition in neurological diseases: a systematic review. Nutrition Reviews, 2021, 79, 802-813. Genetic variants for personalised management of very low carbohydrate ketogenic diets. BMJ Nutrition, Prevention and Health, 2020, 3, 363-373. Ketogenic Diet for the Treatment and Prevention of Dementia: A Review. Journal of Geriatric	2.6 1.9	58 27 17
287 288 289 290	Efficiency of mitochondrial functioning as the fundamental biological mechanism of general intelligence (g) Psychological Review, 2018, 125, 1028-1050. Ketogenic diet and cognition in neurological diseases: a systematic review. Nutrition Reviews, 2021, 79, 802-813. Genetic variants for personalised management of very low carbohydrate ketogenic diets. BMJ Nutrition, Prevention and Health, 2020, 3, 363-373. Ketogenic Diet for the Treatment and Prevention of Dementia: A Review. Journal of Geriatric Psychiatry and Neurology, 2021, 34, 3-10. Nutritional ketosis as an intervention to relieve astrogliosis: Possible therapeutic applications in the	2.6 1.9 1.2	58 27 17 41
287 288 289 290 291	Efficiency of mitochondrial functioning as the fundamental biological mechanism of general intelligence (g) Psychological Review, 2018, 125, 1028-1050. Ketogenic diet and cognition in neurological diseases: a systematic review. Nutrition Reviews, 2021, 79, 802-813. Genetic variants for personalised management of very low carbohydrate ketogenic diets. BMJ Nutrition, Prevention and Health, 2020, 3, 363-373. Ketogenic Diet for the Treatment and Prevention of Dementia: A Review. Journal of Geriatric Psychiatry and Neurology, 2021, 34, 3-10. Nutritional ketosis as an intervention to relieve astrogliosis: Possible therapeutic applications in the treatment of neurodegenerative and neuroprogressive disorders. European Psychiatry, 2020, 63, e8.	2.6 1.9 1.2 0.1	 58 27 17 41 31

#	Article	IF	CITATIONS
295	Dietary Approaches and Supplements in the Prevention of Cognitive Decline and Alzheimer';s Disease. Current Pharmaceutical Design, 2016, 22, 688-700.	0.9	17
296	Dietary Patterns and Cognitive Decline: key features for prevention. Current Pharmaceutical Design, 2019, 25, 2428-2442.	0.9	29
297	Relationships Between Mitochondria and Neuroinflammation: Implications for Alzheimer's Disease. Current Topics in Medicinal Chemistry, 2015, 16, 849-857.	1.0	87
298	Nutritional prevention of cognitive decline and dementia. Acta Biomedica, 2018, 89, 276-290.	0.2	54
299	The use of ketogenic diet in special situations: expanding use in intractable epilepsy and other neurologic disorders. Korean Journal of Pediatrics, 2012, 55, 366.	1.9	1
300	Obesity and Diabetes Mediated Chronic Inflammation: A Potential Biomarker in Alzheimer's Disease. Journal of Personalized Medicine, 2020, 10, 42.	1.1	29
301	Insulin resistance and reduced brain glucose metabolism in the aetiology of Alzheimer's disease. Journal of Insulin Resistance, 2016, 1, .	0.6	12
302	Ketogenic diets: Boon or bane?. Indian Journal of Medical Research, 2018, 148, 251.	0.4	43
303	Efficacy of Adjunctive Extra Virgin Coconut Oil Use in Moderate to Severe Alzheimer?s Disease. International Journal of School and Cognitive Psychology, 2014, 1, .	0.2	2
304	Strategizing the Development of Alzheimer's Therapeutics. Advances in Alzheimer's Disease, 2014, 03, 107-127.	0.3	7
305	Effects of Virgin Coconut Oil on Aluminium Chloride-Induced Alzheimer-Like Dementia in the Prefrontal Cortex. Journal of Advances in Medical and Pharmaceutical Sciences, 2018, 18, 1-12.	0.2	3
306	The Therapeutic Potential and Limitations of Ketones in Traumatic Brain Injury. Frontiers in Neurology, 2021, 12, 723148.	1.1	6
307	Alternative Therapies in Dementia. , 2013, , 97-109.		0
310	Ketone Supplementation for Health and Disease. , 2016, , .		0
311	Glucose and Ketone Metabolism in the Aging Brain. , 2016, , .		1
312	Mitochondrial Function and Neurodegenerative Diseases. , 2018, , 369-414.		1
313	Public Health Approaches to Alzheimer's Disease. , 2019, , 101-119.		0
314	The ketogenic diet as a non-pharmacological treatment for HIV-associated neurocognitive disorder: A descriptive analysis. Journal of Psychiatry and Behavioral Science, 2018, 1, .	0.1	3

#	Article	IF	CITATIONS
315	After the Diagnosis of Dementia: Considerations in Disease Management. Clinical Handbooks in Neuropsychology, 2019, , 335-353.	0.1	1
316	Assessing the Impact of Factors that Influence the Ketogenic Response to Varying Doses of Medium Chain Triglyceride (MCT) Oil. journal of prevention of Alzheimer's disease, The, 2021, 8, 1-10.	1.5	5
317	Medium-Chain Length Fatty Acids Enhance Al ² Degradation by Affecting Insulin-Degrading Enzyme. Cells, 2021, 10, 2941.	1.8	14
318	Can Ketogenic Diet Improve Alzheimer's Disease? Association With Anxiety, Depression, and Glutamate System. Frontiers in Nutrition, 2021, 8, 744398.	1.6	11
319	Recent Advances in Nanocarrier-Based Brain-Targeted Drug Delivery for Effective Treatment of Central Nervous System Disorders. , 2020, , 187-203.		0
320	Deep Brain Stimulation for Alzheimer's Disease: Tackling Circuit Dysfunction. Neuromodulation, 2021, 24, 171-186.	0.4	20
321	Nanophytotherapeutic Potential of Essential Oils Against Candida Infections. , 2020, , 315-331.		0
325	(R)-3-oxobutyl 3-hydroxybutanoate (OBHB) induces hyperketonemiain Alzheimer's disease. International Journal of Clinical and Experimental Medicine, 2015, 8, 7684-8.	1.3	0
326	The efficacy of the ketogenic diet on motor functions in Parkinson's disease: A rat model. Iranian Journal of Neurology, 2016, 15, 63-9.	0.5	19
328	The ketogenic diet as a non-pharmacological treatment for HIV-associated neurocognitive disorder: A descriptive analysis. Journal of Psychiatry and Behavioral Science, 2018, 3, .	0.1	3
329	Adenosine Receptors Modulate the Exogenous Ketogenic Supplement-Evoked Alleviating Effect on Lipopolysaccharide-Generated Increase in Absence Epileptic Activity in WAG/Rij Rats. Nutrients, 2021, 13, 4082.	1.7	4
330	A Scoping Review of Dietary Factors Conferring Risk or Protection for Cognitive Decline in APOE ε4 Carriers. Journal of Nutrition, Health and Aging, 2021, 25, 1167-1178.	1.5	1
331	Phase I single center trial of ketogenic diet for adults with traumatic brain injury. Clinical Nutrition ESPEN, 2022, 47, 339-345.	0.5	8
332	Nutrition, Physical Activity, and Other Lifestyle Factors in the Prevention of Cognitive Decline and Dementia. Nutrients, 2021, 13, 4080.	1.7	114
333	A Non-Invasive Determination of Ketosis-Induced Elimination of Chronic Daytime Somnolence in a Patient with Late-Stage Dementia (Assessed with Type 3 Diabetes): A Potential Role of Neurogenesis. Journal of Alzheimer's Disease Reports, 2021, 5, 1-20.	1.2	0
334	Nutritional Ketosis as a Potential Treatment for Alcohol Use Disorder. Frontiers in Psychiatry, 2021, 12, 781668.	1.3	17
335	Dietary Regulation of Gut-Brain Axis in Alzheimer's Disease: Importance of Microbiota Metabolites. Frontiers in Neuroscience, 2021, 15, 736814.	1.4	24
336	The Ketogenic Effect of Medium-Chain Triacylglycerides. Frontiers in Nutrition, 2021, 8, 747284.	1.6	16

#	Article	IF	CITATIONS
337	Efficacy and Safety of Ketone Supplementation or Ketogenic Diets for Alzheimer's Disease: A Mini Review. Frontiers in Nutrition, 2021, 8, 807970.	1.6	17
338	Astrocytes as Key Regulators of Brain Energy Metabolism: New Therapeutic Perspectives. Frontiers in Physiology, 2021, 12, 825816.	1.3	76
339	Lipid metabolism and Alzheimer's disease: clinical evidence, mechanistic link and therapeutic promise. FEBS Journal, 2023, 290, 1420-1453.	2.2	61
340	Ketone Ester Effects on Biomarkers of Brain Metabolism and Cognitive Performance in Cognitively Intact Adults ≥ 55 Years Old. A Study Protocol for a Double-Blinded Randomized Controlled Clinical Trial. journal of prevention of Alzheimer's disease, The, 2022, 9, 1-12.	1.5	1
341	Western and ketogenic diets in neurological disorders: can you tell the difference?. Nutrition Reviews, 2022, 80, 1927-1941.	2.6	7
342	The Implication of Physiological Ketosis on The Cognitive Brain: A Narrative Review. Nutrients, 2022, 14, 513.	1.7	12
344	Ketone Supplementation: Meeting the Needs of the Brain in an Energy Crisis. Frontiers in Nutrition, 2021, 8, 783659.	1.6	16
346	Use of medium chain triglyceride (MCT) oil in subjects with Alzheimer's disease: A randomized, doubleâ€blind, placebo ontrolled, crossover study, with an openâ€label extension. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2022, 8, e12259.	1.8	11
348	Molecular Mechanisms Underlying the Bioactive Properties of a Ketogenic Diet. Nutrients, 2022, 14, 782.	1.7	18
349	A Machine Learning-Based Holistic Approach to Predict the Clinical Course of Patients within the Alzheimer's Disease Spectrum1. Journal of Alzheimer's Disease, 2022, 85, 1639-1655.	1.2	7
350	Ketotherapeutics to Rescue Brain Energy Deficits. , 2022, , 169-197.		0
351	Comparison of the Impact of the Mediterranean Diet, Anti-Inflammatory Diet, Seventh-Day Adventist Diet, and Ketogenic Diet Relative to Cognition and Cognitive Decline. Current Nutrition Reports, 2022, 11, 161-171.	2.1	4
352	Ketone Supplementation for Health and Disease. , 2022, , 392-422.		0
353	Brain Metabolic Alterations in Alzheimer's Disease. International Journal of Molecular Sciences, 2022, 23, 3785.	1.8	28
354	Longitudinal associations between blood lysophosphatidylcholines and skeletal muscle mitochondrial function. GeroScience, 2022, 44, 2213-2221.	2.1	8
355	The Impact of Medium Chain and Polyunsaturated ω-3-Fatty Acids on Amyloid-β Deposition, Oxidative Stress and Metabolic Dysfunction Associated with Alzheimer's Disease. Antioxidants, 2021, 10, 1991.	2.2	15
356	Ketogenic Diet Treatment in Alzheimer's Disease. İstanbul Gelişim Üniversitesi Sağlık Bilimleri Dergisi, 2021, , 630-638.	0.0	0
357	Directly Reprogrammed Human Neurons to Understand Age-Related Energy Metabolism Impairment and Mitochondrial Dysfunction in Healthy Aging and Neurodegeneration. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-14.	1.9	4

#	Article	IF	CITATIONS
358	Sodium-glucose cotransporter 2 inhibitors and neurological disorders: a scoping review. Therapeutic Advances in Chronic Disease, 2022, 13, 204062232210869.	1.1	12
359	Role of diet and its effects on the gut microbiome in the pathophysiology of mental disorders. Translational Psychiatry, 2022, 12, 164.	2.4	55
360	The Combined Influences of Exercise, Diet and Sleep on Neuroplasticity. Frontiers in Psychology, 2022, 13, 831819.	1.1	10
361	Exogenous Ketones and Lactate as a Potential Therapeutic Intervention for Brain Injury and Neurodegenerative Conditions. Frontiers in Human Neuroscience, 2022, 16, .	1.0	3
362	Does Neuroinflammation Underlie the Cognitive Changes Observed With Dietary Interventions?. Frontiers in Neuroscience, 2022, 16, .	1.4	2
363	Acute and chronic effects of medium-chain triglyceride supplementation on metabolic parameters and working memory in rats. , 0, , .		0
364	The Ketogenic Diet and Alzheimer's Disease. Journal of Nutrition, Health and Aging, 2022, 26, 606-614.	1.5	17
365	Applications of Medium-Chain Triglycerides in Foods. Frontiers in Nutrition, 0, 9, .	1.6	13
366	Potential for Ketotherapies as Amyloid-Regulating Treatment in Individuals at Risk for Alzheimer's Disease. Frontiers in Neuroscience, 0, 16, .	1.4	7
367	Fat substitutes and low-calorie fats: A compile of their chemical, nutritional, metabolic and functional properties. Food Reviews International, 2023, 39, 5501-5527.	4.3	3
369	Effects of Ketogenic Diet on Neuroinflammation in Neurodegenerative Diseases. , 2022, 13, 1146.		27
370	The Effectiveness of Dietary-Induced Ketogenesis on Cognition in Older Adults: A Scoping Review of the Literature. SN Comprehensive Clinical Medicine, 2022, 4, .	0.3	0
372	Is Ketogenic Diet Therapy a Remedy for Alzheimer's Disease or Mild Cognitive Impairments?: A Narrative Review of Randomized Controlled Trials. Advances in Gerontology, 2022, 12, 200-208.	0.1	3
373	Supplementation of Regular Diet With Medium-Chain Triglycerides for Procognitive Effects: A Narrative Review. Frontiers in Nutrition, 0, 9, .	1.6	6
374	Role of the gut microbiome in the pathophysiology of brain disorders. , 2023, , 913-928.		0
375	Relationship between Nutrition, Lifestyle, and Neurodegenerative Disease: Lessons from ADH1B, CYP1A2 and MTHFR. Genes, 2022, 13, 1498.	1.0	5
376	Astrocyte energy and neurotransmitter metabolism in Alzheimer's disease: Integration of the glutamate/GABA-glutamine cycle. Progress in Neurobiology, 2022, 217, 102331.	2.8	69
377	Acetoacetate Improves Memory in Alzheimer's Mice via Promoting Brain-Derived Neurotrophic Factor and Inhibiting Inflammation. American Journal of Alzheimer's Disease and Other Dementias, 2022, 37, 153331752211249.	0.9	7

#	Article	IF	CITATIONS
378	Micro- and nanoencapsulation of omega-3 and other nutritional fatty acids: challenges and novel solutions. , 2023, , 481-506.		0
379	Ketogenic Diet: An Effective Treatment Approach for Neurodegenerative Diseases. Current Neuropharmacology, 2022, 20, 2303-2319.	1.4	13
380	Medium-chain triglycerides may improve memory in non-demented older adults: a systematic review of randomized controlled trials. BMC Geriatrics, 2022, 22, .	1.1	2
381	Potential mechanisms to modify impaired glucose metabolism in neurodegenerative disorders. Journal of Cerebral Blood Flow and Metabolism, 2023, 43, 26-43.	2.4	5
382	Activation of G protein-coupled receptors by ketone bodies: Clinical implication of the ketogenic diet in metabolic disorders. Frontiers in Endocrinology, 0, 13, .	1.5	8
383	Fats, Friends or Foes: Investigating the Role of Short- and Medium-Chain Fatty Acids in Alzheimer's Disease. Biomedicines, 2022, 10, 2778.	1.4	4
384	Nutrition in Brain Aging: Its Relevance to Age-Associated Neurodegeneration. , 2022, , 869-897.		0
385	Linking the Amyloid, Tau, and Mitochondrial Hypotheses of Alzheimer's Disease and Identifying Promising Drug Targets. Biomolecules, 2022, 12, 1676.	1.8	24
386	Ketogenic diets and Ketone suplementation: A strategy for therapeutic intervention. Frontiers in Nutrition, 0, 9, .	1.6	9
387	The Role of Ketogenic Diet in the Treatment of Neurological Diseases. Nutrients, 2022, 14, 5003.	1.7	34
388	Medium-chain fatty acids for the prevention or treatment of Alzheimer's disease: a systematic review and meta-analysis. Nutrition Reviews, 2023, 81, 1144-1162.	2.6	4
389	Mediterranean Diet, Ketogenic Diet or MIND Diet for Aging Populations with Cognitive Decline: A Systematic Review. Life, 2023, 13, 173.	1.1	12
390	Metabolic Diffusion in Neuropathologies: The Relevance of Brain-Liver Axis. Frontiers in Physiology, 0, 13, .	1.3	6
391	Nutrition in Alzheimer's disease: a review of an underappreciated pathophysiological mechanism. Science China Life Sciences, 2023, 66, 2257-2279.	2.3	4
392	β-Hydroxybutyrate Regulates Activated Microglia to Alleviate Neurodegenerative Processes in Neurological Diseases: A Scoping Review. Nutrients, 2023, 15, 524.	1.7	7
393	The gut microbiome in Alzheimer's disease: what we know and what remains to be explored. Molecular Neurodegeneration, 2023, 18, .	4.4	48
394	Short- and long-term cognitive and metabolic effects of medium-chain triglyceride supplementation in rats. Heliyon, 2023, 9, e13446.	1.4	2
395	Ketogenic interventions in mild cognitive impairment, Alzheimer's disease, and Parkinson's disease: A systematic review and critical appraisal. Frontiers in Neurology, 0, 14, .	1.1	7

#	Article	IF	CITATIONS
396	Beta-Hydroxybutyrate (BHB), Glucose, Insulin, Octanoate (C8), and Decanoate (C10) Responses to a Medium-Chain Triglyceride (MCT) Oil with and without Glucose: A Single-Center Study in Healthy Adults. Nutrients, 2023, 15, 1148.	1.7	3
397	Defining metabolic migraine with a distinct subgroup of patients with suboptimal inflammatory and metabolic markers. Scientific Reports, 2023, 13, .	1.6	4
398	Postprandial fatty acid metabolism with coconut oil in young females: a randomized, single-blind, crossover trial. American Journal of Clinical Nutrition, 2023, 117, 1240-1247.	2.2	2
399	Association of Circulating Caprylic Acid with Risk of Mild Cognitive Impairment and Alzheimer's Disease in the Alzheimer's Disease Neuroimaging Initiative (ADNI) Cohort. journal of prevention of Alzheimer's disease, The, 0, , .	1.5	0
400	Ketogenic Diet as a Promising Non-Drug Intervention for Alzheimer's Disease: Mechanisms and Clinical Implications. Journal of Alzheimer's Disease, 2023, 92, 1173-1198.	1.2	3
401	The Role of a Ketogenic Diet in the Treatment of Dementia in Type 2 Diabetes Mellitus. Nutrients, 2023, 15, 1971.	1.7	2
409	Diet-Gene Interactions that Regulate Longevity and Diseases. , 2023, , 37-59.		0
415	Precision Nutrition in Aging and Brain Health. , 2024, , 241-276.		0
417	Effect of Diet Patterns in the Prevention of Alzheimer's Disease. , 2023, , 197-222.		0