Stephen C Cunnane

List of Publications by Citations

139 papers	5,779 citations	38 h-index	73 g-index
147 ext. papers	6,883 ext. citations	4.5 avg, IF	5.74 L-index

#	Paper	IF	Citations
139	Brain fuel metabolism, aging, and Alzheimer's disease. *Nutrition*, **2011**, 27, 3-20	4.8	374
138	Extremely limited synthesis of long chain polyunsaturates in adults: implications for their dietary essentiality and use as supplements. *Applied Physiology, Nutrition and Metabolism*, **2007**, 32, 619-34	3	368
137	High alpha-linolenic acid flaxseed (Linum usitatissimum): some nutritional properties in humans. *British Journal of Nutrition*, **1993**, 69, 443-53	3.6	324
136	Towards establishing dietary reference intakes for eicosapentaenoic and docosahexaenoic acids. *Journal of Nutrition*, **2009**, 139, 804S-19S	4.1	247
135	Brain-specific lipids from marine, lacustrine, or terrestrial food resources: potential impact on early African Homo sapiens. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2002**, 131, 653-73	2.3	196
134	Plasma and brain fatty acid profiles in mild cognitive impairment and Alzheimer's disease. *Journal of Alzheimerls Disease*, **2012**, 29, 691-7	4.3	177
133	Problems with essential fatty acids: time for a new paradigm?. *Progress in Lipid Research*, **2003**, 42, 544-68	4.3	166
132	Brain energy rescue: an emerging therapeutic concept for neurodegenerative disorders of ageing. *Nature Reviews Drug Discovery*, **2020**, 19, 609-633	64.1	166
131	Breast-fed infants achieve a higher rate of brain and whole body docosahexaenoate accumulation than formula-fed infants not consuming dietary docosahexaenoate. *Lipids*, **2000**, 35, 105-11	1.6	160
130	Breath acetone is a reliable indicator of ketosis in adults consuming ketogenic meals. *American Journal of Clinical Nutrition*, **2002**, 76, 65-70	7	151
129	Rift Valley lake fish and shellfish provided brain-specific nutrition for early Homo. *British Journal of Nutrition*, **1998**, 79, 3-21	3.6	145
128	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	6.5	120
127	Omega-3 fatty acids, energy substrates, and brain function during aging. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2006**, 75, 213-20	2.8	116
126	Survival of the fattest: fat babies were the key to evolution of the large human brain. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2003**, 136, 17-26	2.6	114
125	Lower brain 18F-fluorodeoxyglucose uptake but normal 11C-acetoacetate metabolism in mild Alzheimer's disease dementia. *Journal of Alzheimerls Disease*, **2015**, 43, 1343-53	4.3	107
124	The majority of dietary linoleate in growing rats is beta-oxidized or stored in visceral fat. *Journal of Nutrition*, **1997**, 127, 146-52	4.1	100
123	Dietary fat, ketosis, and seizure resistance in rats on the ketogenic diet. *Epilepsia*, **2000**, 41, 1400-10	6.4	95

122	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	6.1	95
121	Breath acetone predicts plasma ketone bodies in children with epilepsy on a ketogenic diet. *Nutrition*, **2006**, 22, 1-8	4.8	87
120	Plasma n-3 fatty acid response to an n-3 fatty acid supplement is modulated by apoE epsilon4 but not by the common PPAR-alpha L162V polymorphism in men. *British Journal of Nutrition*, **2009**, 102, 1121-4	3.6	85
119	Plasma incorporation, apparent retroconversion and β-oxidation of 13C-docosahexaenoic acid in the elderly. *Nutrition and Metabolism*, **2011**, 8, 5	4.6	81
118	Inverse relationship between brain glucose and ketone metabolism in adults during short-term moderate dietary ketosis: A dual tracer quantitative positron emission tomography study. *Journal of Cerebral Blood Flow and Metabolism*, **2017**, 37, 2485-2493	7.3	80
117	Energetic and nutritional constraints on infant brain development: implications for brain expansion during human evolution. *Journal of Human Evolution*, **2014**, 77, 88-98	3.1	79
116	A ketogenic drink improves brain energy and some measures of cognition in mild cognitive impairment. *Alzheimer's and Dementia*, **2019**, 15, 625-634	1.2	78
115	Brain glucose and acetoacetate metabolism: a comparison of young and older adults. *Neurobiology of Aging*, **2014**, 35, 1386-95	5.6	77
114	Why is carbon from some polyunsaturates extensively recycled into lipid synthesis?. *Lipids*, **2003**, 38, 477-84	1.6	72
113	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	5.6	69
112	Stimulation of mild, sustained ketonemia by medium-chain triacylglycerols in healthy humans: estimated potential contribution to brain energy metabolism. *Nutrition*, **2013**, 29, 635-40	4.8	63
111	Recycling of carbon into lipids synthesized de novo is a quantitatively important pathway of alpha-[U-13C]linolenate utilization in the developing rat brain. *Journal of Neurochemistry*, **1998**, 71, 2151-8	6	61
110	Ketogenic Medium Chain Triglycerides Increase Brain Energy Metabolism in Alzheimer's Disease. *Journal of Alzheimer's Disease*, **2018**, 64, 551-561	4.3	59
109	Docosahexaenoic acid homeostasis, brain aging and Alzheimer's disease: Can we reconcile the evidence?. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2013**, 88, 61-70	2.8	59
108	Image-derived input function in dynamic human PET/CT: methodology and validation with 11C-acetate and 18F-fluorothioheptadecanoic acid in muscle and 18F-fluorodeoxyglucose in brain. *European Journal of Nuclear Medicine and Molecular Imaging*, **2010**, 37, 1539-50	8.8	59
107	Despite transient ketosis, the classic high-fat ketogenic diet induces marked changes in fatty acid metabolism in rats. *Metabolism: Clinical and Experimental*, **2005**, 54, 1127-32	12.7	51
106	The importance of energy and nutrient supply in human brain evolution. *Nutrition and Health*, **1993**, 9, 219-35	2.1	46
105	Plasma omega-3 fatty acid response to a fish oil supplement in the healthy elderly. *Lipids*, **2008**, 43, 1085-96	1.9	45

104	The morphology of the human cerebrovascular system. *Human Brain Mapping*, **2018**, 39, 4962-4975	5.9	42
103	A ketogenic drink improves cognition in mild cognitive impairment: Results of a 6-month RCT. *Alzheimerls and Dementia*, **2021**, 17, 543-552	1.2	41
102	Tricaprylin Alone Increases Plasma Ketone Response More Than Coconut Oil or Other Medium-Chain Triglycerides: An Acute Crossover Study in Healthy Adults. *Current Developments in Nutrition*, **2017**, 1, e000257	0.4	39
101	A 3-Month Aerobic Training Program Improves Brain Energy Metabolism in ´Mild´Alzheimer's Disease: Preliminary Results from a Neuroimaging Study. *Journal of Alzheimerls Disease*, **2017**, 56, 1459-1468	4.3	37
100	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	3.7	37
99	Relationship between diet and plasma long-chain n-3 PUFAs in older people: impact of apolipoprotein E genotype. *Journal of Lipid Research*, **2013**, 54, 2559-67	6.3	37
98	Kinetics of 13C-DHA before and during fish-oil supplementation in healthy older individuals. *American Journal of Clinical Nutrition*, **2014**, 100, 105-12	7	36
97	PET study of 11C-acetoacetate kinetics in rat brain during dietary treatments affecting ketosis. *American Journal of Physiology - Endocrinology and Metabolism*, **2009**, 296, E796-801	6	36
96	Docosahexaenoic acid and shore-based diets in hominin encephalization: a rebuttal. *American Journal of Human Biology*, **2007**, 19, 578-81	2.7	34
95	Synthesis of linoleate and alpha-linolenate by chain elongation in the rat. *Lipids*, **1995**, 30, 781-3	1.6	34
94	Glucose hypometabolism is highly localized, but lower cortical thickness and brain atrophy are widespread in cognitively normal older adults. *American Journal of Physiology - Endocrinology and Metabolism*, **2014**, 306, E1315-21	6	33
93	The conditional nature of the dietary need for polyunsaturates: a proposal to reclassify essential fatty acids as conditionally-indispensable or conditionally-dispensable fatty acids. *British Journal of Nutrition*, **2000**, 84, 803-812	3.6	33
92	Ageing and apoE change DHA homeostasis: relevance to age-related cognitive decline. *Proceedings of the Nutrition Society*, **2014**, 73, 80-6	2.9	32
91	Mild experimental ketosis increases brain uptake of 11C-acetoacetate and 18F-fluorodeoxyglucose: a dual-tracer PET imaging study in rats. *Nutritional Neuroscience*, **2011**, 14, 51-8	3.6	31
90	Unresolved issues in the link between docosahexaenoic acid and Alzheimer's disease. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2007**, 77, 301-8	2.8	31
89	n-3 Fatty acid intake from marine food products among Quebecers: comparison to worldwide recommendations. *Public Health Nutrition*, **2010**, 13, 63-70	3.3	30
88	Nutrition and the ageing brain: Moving towards clinical applications. *Ageing Research Reviews*, **2020**, 62, 101079	12	29
87	n-3 long-chain fatty acids and regulation of glucose transport in two models of rat brain endothelial cells. *Neurochemistry International*, **2010**, 56, 703-10	4.4	28

86	Spatial distribution of resting-state BOLD regional homogeneity as a predictor of brain glucose uptake: A study in healthy aging. *NeuroImage*, **2017**, 150, 14-22	7.9	27
85	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	6.2	26
84	Gene expression of fatty acid transport and binding proteins in the blood-brain barrier and the cerebral cortex of the rat: differences across development and with different DHA brain status. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2014**, 91, 213-20	2.8	26
83	Eicosapentaenoic acid decreases postprandial beta-hydroxybutyrate and free fatty acid responses in healthy young and elderly. *Nutrition*, **2009**, 25, 289-94	4.8	25
82	The conundrum of human immune system "senescence". *Mechanisms of Ageing and Development*, **2020**, 192, 111357	5.6	25
81	Can nutrition support healthy cognitive ageing and reduce dementia risk?. *BMJ, The*, **2020**, 369, m2269	5.9	21
80	Regional Brain Glucose Hypometabolism in Young Women with Polycystic Ovary Syndrome: Possible Link to Mild Insulin Resistance. *PLoS ONE*, **2015**, 10, e0144116	3.7	21
79	Potential of coconut oil and medium chain triglycerides in the prevention and treatment of Alzheimer's disease. *Mechanisms of Ageing and Development*, **2020**, 186, 111209	5.6	20
78	Survival of the Fattest **2005**,		20
77	Long-chain n-3 PUFAs from fish oil enhance resting state brain glucose utilization and reduce anxiety in an adult nonhuman primate, the grey mouse lemur. *Journal of Lipid Research*, **2015**, 56, 1511-8	6.3	19
76	Selection of the optimal intensity normalization region for FDG-PET studies of normal aging and Alzheimer's disease. *Scientific Reports*, **2020**, 10, 9261	4.9	19
75	Emulsification Increases the Acute Ketogenic Effect and Bioavailability of Medium-Chain Triglycerides in Humans: Protein, Carbohydrate, and Fat Metabolism. *Current Developments in Nutrition*, **2017**, 1, e000851	0.4	18
74	Automated synthesis of 11C-acetoacetic acid, a key alternate brain fuel to glucose. *Applied Radiation and Isotopes*, **2007**, 65, 934-40	1.7	18
73	Coastal Diet, Encephalization, and Innovative Behaviors in the Late Middle Stone Age of Southern Africa **2010**, 189-202		18
72	Rapid adaptation of rat brain and liver metabolism to a ketogenic diet: an integrated study using (1)H- and (13)C-NMR spectroscopy. *Journal of Cerebral Blood Flow and Metabolism*, **2015**, 35, 1154-62	7.3	16
71	Bezafibrate mildly stimulates ketogenesis and fatty acid metabolism in hypertriglyceridemic subjects. *Journal of Pharmacology and Experimental Therapeutics*, **2010**, 334, 341-6	4.7	16
70	Suckling rats actively recycle carbon from alpha-linolenate into newly synthesized lipids even during extreme dietary deficiency of n-3 polyunsaturates. *Pediatric Research*, **2006**, 59, 107-10	3.2	16
69	Intussusception in the Syrian golden hamster. *British Journal of Nutrition*, **1990**, 63, 231-7	3.6	16

68	Food for Thought: The Role of Coastlines and Aquatic Resources in Human Evolution **2010**, 125-136		16
67	Links Between Metabolic and Structural Changes in the Brain of Cognitively Normal Older Adults: A 4-Year Longitudinal Follow-Up. *Frontiers in Aging Neuroscience*, **2019**, 11, 15	5.3	15
66	Whole-body utilization of n-3 PUFA in n-6 PUFA-deficient rats. *Lipids*, **2003**, 38, 187-9	1.6	15
65	Metabolism of Exogenous D-Beta-Hydroxybutyrate, an Energy Substrate Avidly Consumed by the Heart and Kidney. *Frontiers in Nutrition*, **2020**, 7, 13	6.2	14
64	Origins and evolution of the Western diet: implications of iodine and seafood intakes for the human brain. *American Journal of Clinical Nutrition*, **2005**, 82, 483; author reply 483-4	7	14
63	Medium Chain Triglycerides Modulate the Ketogenic Effect of a Metabolic Switch. *Frontiers in Nutrition*, **2020**, 7, 3	6.2	14
62	Effect of tumor necrosis factor-alpha on triglyceride and phospholipid content and fatty acid composition of liver and carcass in rats. *Lipids*, **1995**, 30, 713-8	1.6	13
61	Accumulation of polyunsaturates is decreased by weight-cycling: whole-body analysis in young, growing rats. *British Journal of Nutrition*, **1996**, 75, 583-91	3.6	13
60	[(11)C]-Acetoacetate PET imaging: a potential early marker for cardiac heart failure. *Nuclear Medicine and Biology*, **2014**, 41, 863-70	2.1	12
59	Metabolism of uniformly labeled C-eicosapentaenoic acid and C-arachidonic acid in young and old men. *American Journal of Clinical Nutrition*, **2017**, 106, 467-474	7	12
58	Beta-oxidation of linoleate in obese men undergoing weight loss. *American Journal of Clinical Nutrition*, **2001**, 73, 709-14	7	12
57	Butyrate is more ketogenic than leucine or octanoate-monoacylglycerol in healthy adult humans. *Journal of Functional Foods*, **2017**, 32, 170-175	5.1	11
56	Caffeine intake increases plasma ketones: an acute metabolic study in humans. *Canadian Journal of Physiology and Pharmacology*, **2017**, 95, 455-458	2.4	11
55	Ketones and brain function: possible link to polyunsaturated fatty acids and availability of a new brain PET tracer, 11C-acetoacetate. *Epilepsia*, **2008**, 49 Suppl 8, 76-9	6.4	11
54	Utilization of carbon from dietary polyunsaturates for brain cholesterol synthesis during early postnatal development in the rat: a 13C NMR study. *Magnetic Resonance in Medicine*, **1995**, 34, 803-13	4.4	11
53	Epilepsy and the Ketogenic Diet: Assessment of Ketosis in Children Using Breath Acetone		11
52	Challenges to determining whether DHA can protect against age-related cognitive decline. *Clinical Lipidology*, **2015**, 10, 91-102		10
51	The Case for Exploitation of Wetlands Environments and Foods by Pre-Sapiens Hominins **2010**, 137-171		10

50	Short-term energy deficit causes net accumulation of linoleoyl-enriched triacylglycerols in rat liver. *FEBS Letters*, **1991**, 280, 393-6	3.8	10
49	Ketogenic response to cotreatment with bezafibrate and medium chain triacylglycerols in healthy humans. *Nutrition*, **2015**, 31, 1255-9	4.8	9
48	Markedly raised intake of saturated and monounsaturated fatty acids in rats on a high-fat ketogenic diet does not inhibit carbon recycling of 13C-alpha-linolenate. *Lipids*, **2006**, 41, 933-5	1.6	9
47	Early postnatal development in the rat is characterized by accumulation of highly unsaturated triacylglycerols. *Pediatric Research*, **1992**, 31, 47-51	3.2	9
46	Brain NAD Is Associated With ATP Energy Production and Membrane Phospholipid Turnover in Humans. *Frontiers in Aging Neuroscience*, **2020**, 12, 609517	5.3	9
45	Long-term calorie restriction has minimal impact on brain metabolite and fatty acid profiles in aged rats on a Western-style diet. *Neurochemistry International*, **2013**, 63, 450-7	4.4	8
44	Long-Chain Polyunsaturated Fatty Acids in Human Brain Evolution **2010**, 13-31		8
43	Human Brain Evolution: A Question of Solving Key Nutritional and Metabolic Constraints on Mammalian Brain Development **2010**, 33-64		8
42	Uptake of 13C-tracer arachidonate and gamma-linolenate by the brain and liver of the suckling rat observed using 13C-NMR. *Journal of Neurochemistry*, **1999**, 72, 2548-55	6	8
41	Linoleoyl-enriched triacylglycerol species increase in maternal liver during late pregnancy in the rat. *Lipids*, **1992**, 27, 21-4	1.6	8
40	Tractography of the external capsule and cognition: A diffusion MRI study of cholinergic fibers. *Experimental Gerontology*, **2020**, 130, 110792	4.5	8
39	Fascicle- and Glucose-Specific Deterioration in White Matter Energy Supply in Alzheimer's Disease. *Journal of Alzheimerls Disease*, **2020**, 76, 863-881	4.3	6
38	Preliminary evaluation of a differential effect of an linolenate-rich supplement on ketogenesis and plasma B fatty acids in young and older adults. *Nutrition*, **2016**, 32, 1211-6	4.8	6
37	A short-term intervention combining aerobic exercise with medium-chain triglycerides (MCT) is more ketogenic than either MCT or aerobic exercise alone: a comparison of normoglycemic and prediabetic older women. *Applied Physiology, Nutrition and Metabolism*, **2019**, 44, 66-73	3	6
36	Energy restriction does not prevent insulin resistance but does prevent liver steatosis in aging rats on a Western-style diet. *Nutrition*, **2015**, 31, 523-30	4.8	6
35	Automated synthesis of 11C-hydroxybutyrate by enzymatic conversion of 11C-acetoacetate using hydroxybutyrate dehydrogenase. *Journal of Labelled Compounds and Radiopharmaceuticals*, **2008**, 51, 242-245	1.9	6
34	In vivo 13C nuclear magnetic resonance: applications and current limitations for noninvasive assessment of fatty acid status. *Lipids*, **1996**, 31 Suppl, S127-30	1.6	6
33	Lessons from Shore-based Hunter-Gatherer Diets in East Africa **2010**, 77-104		5

32	The effect of a 6-month ketogenic medium-chain triglyceride supplement on plasma cardiometabolic and inflammatory markers in mild cognitive impairment. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2021**, 169, 102236	2.8	5
31	Evidence of the Role of Omega-3 Polyunsaturated Fatty Acids in Brain Glucose Metabolism. *Nutrients*, **2020**, 12,	6.7	4
30	Ketones, omega-3 fatty acids and the Yin-Yang balance in the brain: insights from infant development and Alzheimer□ disease, and implications for human brain evolution. *OCL - Oilseeds and Fats, Crops and Lipids*, **2018**, 25, D409	1.5	4
29	Automated synthesis of 1-[C]acetoacetate on a TRASIS AIO module. *Applied Radiation and Isotopes*, **2017**, 129, 57-61	1.7	4
28	Does aging change docosahexaenoic acid homeostasis? Implications for the challenge to cognitive health in the elderly. *Oleagineux Corps Gras Lipides*, **2011**, 18, 175-180		4
27	Temporal Lobe Atrophy May Be Underrecognized in Older Patients with New-Onset Epilepsy. *Canadian Journal of Neurological Sciences*, **2016**, 43, 731-4	1	4
26	Docosahexaenoic acid and human brain evolution: missing the forest for the trees--comments by Cunnane. *British Journal of Nutrition*, **2007**, 97, 1021-2; discussion 1025	3.6	3
25	A ketogenic supplement improves white matter energy supply and processing speed in mild cognitive impairment. *Alzheimerls and Dementia: Translational Research and Clinical Interventions*, **2021**, 7, e12217	6	3
24	N-3 fatty acids, neuronal activity and energy metabolism in the brain. *Oleagineux Corps Gras Lipides*, **2012**, 19, 238-244		2
23	Acides gras om□a-3 et d□lin cognitif : la controverse. *Oleagineux Corps Gras Lipides*, **2013**, 20, 88-92		2
22	Macroevolutionary Patterns, Exaptation, and Emergence in the Evolution of the Human Brain and Cognition **2010**, 1-11		2
21	Thyroid Hormone, Iodine and Human Brain Evolution **2010**, 105-124		2
20	Zinc and red cell fatty acid composition. *Lipids*, **1993**, 28, 265	1.6	2
19	Nutrition and Cognitive Decline in Older Persons: Bridging the Gap Between Epidemiology and Intervention Studies. *AAPS Advances in the Pharmaceutical Sciences Series*, **2014**, 395-414	0.5	2
18	Mild cognitive impairment: when nutrition helps brain energy rescue-a report from the EuGMS 2020 Congress. *European Geriatric Medicine*, **2021**, 12, 1285-1292	3	2
17	Human Brain Evolution: A New Wetlands Scenario **2010**, 203-207		2
16	A dual tracer PET-MRI protocol for the quantitative measure of regional brain energy substrates uptake in the rat. *Journal of Visualized Experiments*, **2013**, 50761	1.6	1
15	Brain Size in Carnivoran Mammals that Forage at the Land□Water Ecotone, with Implications for Robust Australopithecine Paleobiology **2010**, 173-187		1

14	Comments on erythrocyte membrane phospholipid fatty acid changes in cerebral palsy patients during nutritional rehabilitation. *Lipids*, **1993**, 28, 957-9	1.6	1
13	What Is the Link between Docosahexaenoic Acid, Cognitive Impairment, and Alzheimer Disease in the Elderly?. *Frontiers in Neuroscience*, **2009**, 485-506		1
12	Origins and evolution of the Western diet: implications of iodine and seafood intakes for the human brain. *American Journal of Clinical Nutrition*, **2005**, 82, 483-483	7	1
11	Hyperactivation of monocytes and macrophages in MCI patients contributes to the progression of Alzheimer's disease. *Immunity and Ageing*, **2021**, 18, 29	9.7	1
10	A ketogenic intervention improves dorsal attention network functional and structural connectivity in mild cognitive impairment.. *Neurobiology of Aging*, **2022**, 115, 77-87	5.6	1
9	Acides gras om ga-3 et d lin cognitif : la controverse. *Cahiers De Nutrition Et De Dietetique*, **2013**, 48, 170-174	0.2	0
8	Contraintes nerg tiques et nutritionnelles sur le d veloppement du cerveau : implications pour l expansion du cerveau humain au cours de son volution. *Cahiers De Nutrition Et De Dietetique*, **2015**, 50, 74-83	0.2	0
7	Ketones: potential to achieve brain energy rescue and sustain cognitive health during ageing. *British Journal of Nutrition*, **2021**, 1-17	3.6	0
6	Multimodal strategy to rescue the brain in mild cognitive impairment: ketogenic oral nutrition supplementation with B vitamins and aerobic exercise.. *European Journal of Clinical Investigation*, **2022**, e13806	4.6	0
5	Improved brain energetics and cognition after a 6-month ketogenic intervention in mild cognitive impairment: Final results of the Benefic Trial. *Alzheimerls and Dementia*, **2020**, 16, e037961	1.2	
4	[F3 04 04]: BRAIN KETONE PET AND COGNITIVE OUTCOMES AFTER A 6-MONTH KETOGENIC INTERVENTION IN MCI **2017**, 13, P884		
3	Metabolic and Molecular Aspects of the Critical Role of Docosahexaenoic Acid in Human Brain Function **2010**, 65-76		
2	Cholesterol lowering by alpha-linolenic acid. *American Journal of Clinical Nutrition*, **1992**, 55, 140-1	7	
1	Ketones and brain development: Implications for correcting deteriorating brain glucose metabolism during aging. *OCL - Oilseeds and Fats, Crops and Lipids*, **2016**, 23, D110	1.5	