

CITATION REPORT

List of articles citing

Damaging effects of a high-fat diet to the brain and cognition: a review of proposed mechanisms

DOI: 10.1179/1476830513y.00000000092

Nutritional Neuroscience, 2014, 17, 241-51.

Source: <https://exaly.com/paper-pdf/58493057/citation-report.pdf>

Version: 2024-04-26

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
216	3,4-Oxo-isopropylidene-shikimic acid promotes adipokine expression during murine 3T3-L1 fibroblast differentiation into adipocytes. 2014 , 1, 120-125		1
215	Clinical and Sociodemographic Factors Associated with Cognitive Impairment and Neuroprotection in Diabetes Patients. 2015 , 18, E65		1
214	Neuropsychiatric Disorders Among Aging Women: Assessing Risk Factors and Tailoring Treatment. 2015 , 2, 246-255		
213	High Fat Diet and Inflammation - Modulation of Haptoglobin Level in Rat Brain. 2015 , 9, 479		29
212	Integrative neurobiology of metabolic diseases, neuroinflammation, and neurodegeneration. 2015 , 9, 173		55
211	Does Long-Term High Fat Diet Always Lead to Smaller Hippocampi Volumes, Metabolite Concentrations, and Worse Learning and Memory? A Magnetic Resonance and Behavioral Study in Wistar Rats. 2015 , 10, e0139987		11
210	Interesterified fat or palm oil as substitutes for partially hydrogenated fat during the perinatal period produces changes in the brain fatty acids profile and increases leukocyte-endothelial interactions in the cerebral microcirculation from the male offspring in adult life. 2015 , 1616, 123-33		7
209	Controlling microstructure and physical properties of biopolymer hydrogel particles through modulation of electrostatic interactions. 2015 , 158, 13-21		19
208	Effects of sucrose and high fructose corn syrup consumption on spatial memory function and hippocampal neuroinflammation in adolescent rats. 2015 , 25, 227-39		117
207	Obesity Reduces Cognitive and Motor Functions across the Lifespan. 2016 , 2016, 2473081		82
206	Adherence to a Mediterranean-Style Diet and Effects on Cognition in Adults: A Qualitative Evaluation and Systematic Review of Longitudinal and Prospective Trials. 2016 , 3, 22		100
205	High-Fat Diet Changes Hippocampal Apolipoprotein E (ApoE) in a Genotype- and Carbohydrate-Dependent Manner in Mice. 2016 , 11, e0148099		13
204	Dietary patterns in early childhood and child cognitive and psychomotor development: the Rhea mother-child cohort study in Crete. 2016 , 115, 1431-7		17
203	Vitamin K2 Improves Anxiety and Depression but not Cognition in Rats with Metabolic Syndrome: a Role of Blood Glucose?. 2016 , 58, 264-272		14
202	Circulating progenitor cells are positively associated with cognitive function among overweight/obese children. 2016 , 57, 47-52		9
201	Memory and hippocampal architecture following short-term midazolam in western diet-treated rats. 2016 , 621, 68-74		2
200	Dietary composition affects the development of cognitive deficits in WT and Tg AD model mice. 2016 , 86, 39-49		14

199	Genetic Restoration of Plasma ApoE Improves Cognition and Partially Restores Synaptic Defects in ApoE-Deficient Mice. 2016 , 36, 10141-50		51
198	Aberrant protein phosphorylation in Alzheimer disease brain disturbs pro-survival and cell death pathways. 2016 , 1862, 1871-82		48
197	Lipid signaling and lipotoxicity in metaflammation: indications for metabolic disease pathogenesis and treatment. 2016 , 57, 2099-2114		239
196	Purple sweet potato anthocyanin attenuates fat-induced mortality in <i>Drosophila melanogaster</i> . 2016 , 82, 95-103		19
195	Juvenile exposure to a high fat diet promotes behavioral and limbic alterations in the absence of obesity. 2016 , 72, 22-33		40
194	Detrimental effects of a high fat/high cholesterol diet on memory and hippocampal markers in aged rats. 2016 , 312, 294-304		57
193	Vascular cognitive impairment: Modeling a critical neurologic disease in vitro and in vivo. 2016 , 1862, 975-82		32
192	Obesity and sex interact in the regulation of Alzheimer's disease. 2016 , 67, 102-18		45
191	A diet high in fat and sugar reverses anxiety-like behaviour induced by limited nesting in male rats: Impacts on hippocampal markers. 2016 , 68, 202-9		31
190	Thiodorexin-2 overexpression fails to rescue chronic high calorie diet induced hippocampal dysfunction. 2016 , 275 Pt 1, 126-32		2
189	Analysis of electrocorticographic patterns in rats fed standard or hyperlipidic diets in a normal state or during status epilepticus. <i>Nutritional Neuroscience</i> , 2016 , 19, 206-12	3.6	3
188	Hypertension and aging. 2016 , 26, 96-111		192
187	Quercetin attenuates tau hyperphosphorylation and improves cognitive disorder via suppression of ER stress in a manner dependent on AMPK pathway. 2016 , 22, 463-476		42
186	Dietary and donepezil modulation of mTOR signaling and neuroinflammation in the brain. 2016 , 1862, 274-83		15
185	Behavioral experiences as drivers of oligodendrocyte lineage dynamics and myelin plasticity. 2016 , 110, 548-562		34
184	Altered behavior of adult obese rats by monosodium l-glutamate neonatal treatment is related to hypercorticosteronemia and activation of hypothalamic ERK1 and ERK2. <i>Nutritional Neuroscience</i> , 2017 , 20, 153-160	3.6	10
183	Increased body weight affects academic performance in university students. 2017 , 5, 220-223		21
182	Dietary Factors and Cognitive Function in Poor Urban Settings. 2017 , 6, 32-40		5

181	Effect of dietary supplementation with olive and sunflower oils on lipid profile and liver histology in rats fed high cholesterol diet. 2017 , 10, 539-543	9
180	Current findings on the role of oxytocin in the regulation of food intake. 2017 , 176, 31-39	39
179	An obesogenic refined low-fat diet disrupts attentional and behavioral control processes in a vigilance task in rats. 2017 , 138, 142-151	4
178	High-Fat-Diet-Induced Deficits in Dopamine Terminal Function Are Reversed by Restoring Insulin Signaling. 2017 , 8, 290-299	41
177	Obesity and Brain Function. 2017 ,	1
176	Cognitive impairment and gene expression alterations in a rodent model of binge eating disorder. 2017 , 180, 78-90	19
175	Effect of high-fat diet on cognitive impairment in triple-transgenic mice model of Alzheimer's disease. 2017 , 493, 731-736	62
174	Mitigating the effects of high fat diet on the brain and behavior with berry supplementation. 2017 , 8, 3869-3878	8
173	Diabesity and Brain Energy Metabolism: The Case of Alzheimer's Disease. 2017 , 19, 117-150	11
172	Beneficial effects of TQRF and TQ nano- and conventional emulsions on memory deficit, lipid peroxidation, total antioxidant status, antioxidants genes expression and soluble A β levels in high fat-cholesterol diet-induced rats. 2017 , 275, 61-73	14
171	Ultraviolet light-C increases antioxidant capacity of the strawberry () in vitro and in high-fat diet-induced obese rats. 2017 , 5, 1004-1014	5
170	Diets rich in saturated fat and fructose induce anxiety and depression-like behaviours in the rat: is there a role for lipid peroxidation?. 2017 , 98, 296-306	26
169	Long-term exposition to a high fat diet favors the appearance of β amyloid depositions in the brain of C57BL/6J mice. A potential model of sporadic Alzheimer's disease. 2017 , 162, 38-45	61
168	Nutrition for the ageing brain: Towards evidence for an optimal diet. 2017 , 35, 222-240	120
167	High-Fat Diet and Voluntary Chronic Aerobic Exercise Recover Altered Levels of Aging-Related Tryptophan Metabolites along the Kynurenine Pathway. 2017 , 26, 132-140	6
166	Palatable Hyper-Caloric Foods Impact on Neuronal Plasticity. 2017 , 11, 19	42
165	A High-Fructose-High-Coconut Oil Diet Induces Dysregulating Expressions of Hippocampal Leptin and Stearoyl-CoA Desaturase, and Spatial Memory Deficits in Rats. 2017 , 9,	4
164	Withania somnifera as a potential candidate to ameliorate high fat diet-induced anxiety and neuroinflammation. 2017 , 14, 201	16

163	Exercise and dietary program-induced weight reduction is associated with cognitive function among obese adolescents: a longitudinal study. 2017 , 5, e3286	7
162	HttQ111/+ Huntington's Disease Knock-in Mice Exhibit Brain Region-Specific Morphological Changes and Synaptic Dysfunction. 2018 , 7, 17-33	15
161	Excessive endoplasmic reticulum stress and decreased neuroplasticity-associated proteins in prefrontal cortex of obese rats and the regulatory effects of aerobic exercise. 2018 , 140, 52-59	7
160	A mind cleared by walnut oil: The effects of polyunsaturated and saturated fat on extinction learning. 2018 , 126, 147-155	3
159	Dietary inflammatory index and memory function: population-based national sample of elderly Americans. 2018 , 119, 552-558	40
158	Metformin potentiates cognitive and antidepressant effects of fluoxetine in rats exposed to chronic restraint stress and high fat diet: potential involvement of hippocampal c-Jun repression. 2018 , 391, 407-422	20
157	Fasting and Fast Food Diet Play an Opposite Role in Mice Brain Aging. 2018 , 55, 6881-6893	15
156	Non-estrogenic Xanthohumol Derivatives Mitigate Insulin Resistance and Cognitive Impairment in High-Fat Diet-induced Obese Mice. 2018 , 8, 613	31
155	Sustained high-fat diet modulates inflammation, insulin signalling and cognition in mice and a modified xenin peptide ameliorates neuropathology in a chronic high-fat model. 2018 , 20, 1166-1175	28
154	Considering sex differences in the cognitive controls of feeding. 2018 , 187, 97-107	11
153	Short-Term Fructose Feeding Induces Inflammation and Oxidative Stress in the Hippocampus of Young and Adult Rats. 2018 , 55, 2869-2883	33
152	The differential effects of high-fat and high-fructose diets on physiology and behavior in male rats. <i>Nutritional Neuroscience</i> , 2018 , 21, 328-336	3.6 15
151	Cognitive deficits associated with a high-fat diet and insulin resistance are potentiated by overexpression of ecto-nucleotide pyrophosphatase phosphodiesterase-1. 2018 , 64, 48-53	13
150	Hyperpolarized [1-13C] pyruvate MR spectroscopy detect altered glycolysis in the brain of a cognitively impaired mouse model fed high-fat diet. 2018 , 11, 74	7
149	Insulin Peptides as Mediators of the Impact of Life Style in Alzheimer's disease. 2018 , 4, 3-15	9
148	Cognitive Dysfunction in Major Depressive Disorder: Cause and Effect. 2018 , 5, 302-309	3
147	Saturated fatty acid alters embryonic cortical neurogenesis through modulation of gene expression in neural stem cells. 2018 , 62, 230-246	7
146	High-fat diet-induced lipidome perturbations in the cortex, hippocampus, hypothalamus, and olfactory bulb of mice. 2018 , 1863, 980-990	17

145	A high-fat diet induced NMRI mouse model of metabolic syndrome: focus on brain-derived neurotrophic factor (BDNF). 2018 , 33, 1635-1640	3
144	Supplementation of <i>Lactobacillus plantarum</i> Improves Markers of Metabolic Dysfunction Induced by a High Fat Diet. 2018 , 17, 2790-2802	16
143	System biology approach intersecting diet and cell metabolism with pathogenesis of brain disorders. 2018 , 169, 76-90	9
142	Metabolic Syndrome Exacerbates the Recognition Memory Impairment and Oxidative-Inflammatory Response in Rats with an Intrahippocampal Injection of Amyloid Beta 1-42. 2018 , 2018, 1358057	14
141	Tannins Enriched Fraction of Fruits Alleviates High-Salt and Cholesterol Diet-Induced Cognitive Impairment in Rats via Nrf2-ARE Pathway. 2018 , 9, 23	18
140	Association of Long-Term Diet Quality with Hippocampal Volume: Longitudinal Cohort Study. 2018 , 131, 1372-1381.e4	28
139	Cafeteria-diet effects on cognitive functions, anxiety, fear response and neurogenesis in the juvenile rat. 2018 , 155, 197-207	28
138	Age-Related Changes in the Behavior of Apolipoprotein E Knockout Mice. 2018 , 8,	15
137	Licorice root components mimic estrogens in an object location task but not an object recognition task. 2018 , 103, 97-106	3
136	Decreased microglial activation through gut-brain axis by prebiotics, probiotics, or synbiotics effectively restored cognitive function in obese-insulin resistant rats. 2018 , 15, 11	117
135	Reduced cognitive function, increased blood-brain-barrier transport and inflammatory responses, and altered brain metabolites in LDLr -/- and C57BL/6 mice fed a western diet. 2018 , 13, e0191909	28
134	High fat-low protein diet induces metabolic alterations and cognitive dysfunction in female rats. 2019 , 34, 1531-1546	7
133	Omega-3 and Cognition in Children with Malnutrition. 2019 , 143-159	
132	The effect of high fat, high sugar, and combined high fat-high sugar diets on spatial learning and memory in rodents: A meta-analysis. 2019 , 107, 399-421	34
131	<i>Acer okamotoanum</i> and isoquercitrin improve cognitive function via attenuation of oxidative stress in high fat diet- and amyloid beta-induced mice. 2019 , 10, 6803-6814	16
130	The role of MAPK signaling pathway in selenium amelioration of high fat/high cholesterol diet-induced tauopathy in rats. 2019 , 302, 108-116	8
129	Nutrients in Alzheimer's Disease: The Interaction of Diet, Drugs and Disease. 2019 , 46, 23-34	3
128	NDP-MSH reduces oxidative damage induced by palmitic acid in primary astrocytes. 2019 , 31, e12673	8

127	The Cognitive Control of Eating and Body Weight: It's More Than What You "Think". 2019 , 10, 62	43
126	Aging, lifestyle and dementia. 2019 , 130, 104481	50
125	High fat diet alters gut microbiota but not spatial working memory in early middle-aged Sprague Dawley rats. 2019 , 14, e0217553	13
124	Prebiotics: tools to manipulate the gut microbiome and metabolome. 2019 , 46, 1445-1459	24
123	Effect of Initial Aging and High-Fat/High-Fructose Diet on Mitochondrial Bioenergetics and Oxidative Status in Rat Brain. 2019 , 56, 7651-7663	11
122	Three consecutive weeks of nutritional ketosis has no effect on cognitive function, sleep, and mood compared with a high-carbohydrate, low-fat diet in healthy individuals: a randomized, crossover, controlled trial. 2019 , 110, 349-357	16
121	Vitamin E modifies high-fat diet-induced reduction of seizure threshold in rats: Role of oxidative stress. 2019 , 206, 200-205	7
120	Strawberry Intake Ameliorates Oxidative Stress and Decreases GABA Levels Induced by High-Fat Diet in Frontal Cortex of Rats. 2019 , 8,	4
119	Dietary Fat Intake and Cognitive Function among Older Populations: A Systematic Review and Meta-Analysis. 2019 , 6, 204-211	12
118	Short-Term Low-Carbohydrate High-Fat Diet in Healthy Young Males Renders the Endothelium Susceptible to Hyperglycemia-Induced Damage, An Exploratory Analysis. 2019 , 11,	6
117	High fat diet induces sex-specific differential gene expression in <i>Drosophila melanogaster</i> . 2019 , 14, e0213474	10
116	Molecular effects of dietary fatty acids on brain insulin action and mitochondrial function. 2019 ,	6
115	Effect of Bitter Melon on Spatial Memory of Rats Receiving a High-Fat Diet. 2019 , 11, 115-119	2
114	Endurance Exercise Prevents Metabolic Distress-induced Senescence in the Hippocampus. 2019 , 51, 2012-20246	
113	c-Jun N-terminal Kinase 1 ablation protects against metabolic-induced hippocampal cognitive impairments. 2019 , 97, 1723-1733	7
112	Early Exposure to a High-Fat Diet Impacts on Hippocampal Plasticity: Implication of Microglia-Derived Exosome-like Extracellular Vesicles. 2019 , 56, 5075-5094	30
111	Contributions of a high-fat diet to Alzheimer's disease-related decline: A longitudinal behavioural and structural neuroimaging study in mouse models. 2019 , 21, 101606	27
110	Functional assessments through novel proteomics approaches: Application to insulin/IGF signaling in neurodegenerative disease'. 2019 , 319, 40-46	3

109	Purple sweet potato color improves hippocampal insulin resistance via down-regulating SOCS3 and galectin-3 in high-fat diet mice. 2019 , 359, 370-377		11
108	Time-course study of high fat diet induced alterations in spatial memory, hippocampal JNK, P38, ERK and Akt activity. 2019 , 34, 659-673		10
107	Behavioural, metabolic and neurochemical effects of environmental enrichment in high-fat cholesterol-enriched diet-fed mice. 2019 , 359, 648-656		11
106	Agave fructans and oligofructose decrease oxidative stress in brain regions involved in learning and memory of overweight mice. 2019 , 33, 1527-1530		11
105	Can krill oil be of use for counteracting neuroinflammatory processes induced by high fat diet and aging?. 2020 , 157, 1-14		11
104	Red wine consumption mitigates the cognitive impairments in low-density lipoprotein receptor knockout (LDLr) mice. <i>Nutritional Neuroscience</i> , 2021 , 24, 978-988	3.6	4
103	Prefrontal cortex inflammation and liver pathologies accompany cognitive and motor deficits following Western diet consumption in non-obese female mice. 2020 , 241, 117163		16
102	The acidophilic microalga <i>Coccomyxa onubensis</i> and atorvastatin equally improve antihyperglycemic and antihyperlipidemic protective effects on rats fed on high-fat diets. 2020 , 32, 3923-3931 ²		
101	The Development of Adolescent Chronic Pain following Traumatic Brain Injury and Surgery: The Role of Diet and Early Life Stress. 2020 , 42, 2-11		3
100	Reshaping circadian metabolism in the suprachiasmatic nucleus and prefrontal cortex by nutritional challenge. 2020 , 117, 29904-29913		9
99	A combination of an antioxidant with a prebiotic exerts greater efficacy than either as a monotherapy on cognitive improvement in castrated-obese male rats. 2020 , 35, 1263-1278		1
98	Magnetic resonance assessment of the cerebral alterations associated with obesity development. 2020 , 40, 2135-2151		2
97	Core Neuropsychological Measures for Obesity and Diabetes Trials: Initial Report. 2020 , 11, 554127		2
96	Self-perceptions of critical thinking skills in university students are associated with BMI and exercise. 2020 , 1-7		0
95	Glutamatergic projections from homeostatic to hedonic brain nuclei regulate intake of highly palatable food. 2020 , 10, 22093		2
94	Acute emotional stress and high fat/high fructose diet modulate brain oxidative damage through NrF2 and uric acid in rats. 2020 , 79, 23-34		6
93	Association of dietary ω 3 and ω 6 fatty acids intake with cognitive performance in older adults: National Health and nutrition examination Survey (NHANES) 2011-2014. 2020 , 19, 25		13
92	Supplement of microbiota-accessible carbohydrates prevents neuroinflammation and cognitive decline by improving the gut microbiota-brain axis in diet-induced obese mice. 2020 , 17, 77		28

91	Combination of Omega 3 and Coenzyme Q10 Exerts Neuroprotective Potential Against Hypercholesterolemia-Induced Alzheimer's-Like Disease in Rats. 2020 , 45, 1142-1155		10
90	Longitudinal Effects of Immediate and Delayed Estradiol on Cognitive Performance in a Spatial Maze and Hippocampal Volume in Menopausal Macaques Under an Obesogenic Diet. 2020 , 11, 539		3
89	Hippocampal-dependent appetitive control is impaired by experimental exposure to a Western-style diet. 2020 , 7, 191338		25
88	Neural Protective Effects of Millet and Millet Polyphenols on High-Fat Diet-Induced Oxidative Stress in the Brain. 2020 , 75, 208-214		5
87	Executive functioning and disinhibited eating in children and adolescents. 2020 , 15, e12614		11
86	History of Sport-Related Concussion and Long-Term Clinical Cognitive Health Outcomes in Retired Athletes: A Systematic Review. 2020 , 55, 132-158		23
85	Resolvin D1 Prevents the Impairment in the Retention Memory and Hippocampal Damage in Rats Fed a Corn Oil-Based High Fat Diet by Upregulation of Nrf2 and Downregulation and Inactivation of pShc. 2020 , 45, 1576-1591		5
84	Markers of a plant-based diet relate to memory and executive function in older adults. <i>Nutritional Neuroscience</i> , 2020 , 1-10	3.6	7
83	Sex differences in response to a high fat, high sucrose diet in both the gut microbiome and hypothalamic astrocytes and microglia. <i>Nutritional Neuroscience</i> , 2020 , 1-15	3.6	10
82	Impact of high-fat diet on lifespan, metabolism, fecundity and behavioral senescence in <i>Drosophila</i> . 2021 , 133, 103495		10
81	Resveratrol confers neuroprotection against high-fat diet in a mouse model of Alzheimer's disease via modulation of proteolytic mechanisms. 2021 , 89, 108569		10
80	Impact of prolonged sitting and physical activity breaks on cognitive performance, perceivable benefits, and cardiometabolic health in overweight/obese adults: The role of meal composition. 2021 , 40, 2259-2269		1
79	Red raspberry () supplementation mitigates the effects of a high-fat diet on brain and behavior in mice. <i>Nutritional Neuroscience</i> , 2021 , 24, 406-416	3.6	3
78	Thymoquinone Protects Neurons in the Cerebellum of Rats through Mitigating Oxidative Stress and Inflammation Following High-Fat Diet Supplementation. 2021 , 11,		2
77	Integrative analysis of physiological responses to high fat feeding with diffusion tensor images and neurochemical profiles of the mouse brain. 2021 , 45, 1203-1214		4
76	Impacts of high fat diet on ocular outcomes in rodent models of visual disease. 2021 , 204, 108440		7
75	The potential effect mechanism of high-fat and high-carbohydrate diet-induced obesity on anxiety and offspring of zebrafish. 2021 , 1		5
74	A selanylimidazopyridine (3-SePh-IP) reverses the prodepressant- and anxiogenic-like effects of a high-fat/high-fructose diet in mice. 2021 , 73, 673-681		9

73	The chemical chaperon 4-phenyl butyric acid restored high-fat diet- induced hippocampal insulin content and insulin receptor level reduction along with spatial learning and memory deficits in male rats. 2021 , 231, 113312	2
72	Effects of different standard and special diets on cognition and brain mitochondrial function in mice. <i>Nutritional Neuroscience</i> , 2021 , 1-13	3.6
71	Empirically-informed guidelines for first-time adult ADHD diagnosis. 2021 , 43, 340-351	9
70	Dietary fructose as a model to explore the influence of peripheral metabolism on brain function and plasticity. 2021 , 1867, 166036	5
69	High fat suppresses SOD1 activity by reducing copper chaperone for SOD1 associated with neurodegeneration and memory decline. 2021 , 272, 119243	2
68	Widespread Positive Direct and Indirect Effects of Regular Physical Activity on the Developing Functional Connectome in Early Adolescence. 2021 , 31, 4840-4852	4
67	The Effect of High Fat Diet on Cerebrovascular Health and Pathology: A Species Comparative Review. 2021 , 26,	3
66	High-Fat Diet Alleviates Neuroinflammation and Metabolic Disorders of APP/PS1 Mice and the Intervention With Chinese Medicine. 2021 , 13, 658376	3
65	Influence of eating habits and alcohol consumption on the academic performance among a university population in the community of Madrid: A pilot study. 2021 , 7, e07186	1
64	Health Behaviors and Neurocognitive Function in Survivors of Childhood Cancer. 2021 , 39, 1786-1794	2
63	Vitexin alleviates high-fat diet induced brain oxidative stress and inflammation via anti-oxidant, anti-inflammatory and gut microbiota modulating properties. 2021 , 171, 332-344	13
62	Short-term high-fat diet induces cognitive decline, aggression, and anxiety-like behavior in adult zebrafish. 2021 , 110, 110288	9
61	High-Fat and Resveratrol Supplemented Diets Modulate Adenosine Receptors in the Cerebral Cortex of C57BL/6J and SAMP8 Mice. 2021 , 13,	0
60	Eating behavior as a new frontier in memory research. 2021 , 127, 795-807	5
59	Exercise and brain function in obese & overweight people - a review. 2021 , 8, 66-74	
58	Association between sedentary time and cognitive function: A focus on different domains of sedentary behavior. 2021 , 153, 106731	2
57	Childhood Obesity. 2016 , 263-271	1
56	High-intensity exercise improves cognitive function and hippocampal brain-derived neurotrophic factor expression in obese mice maintained on high-fat diet. 2020 , 16, 124-131	5

55	N-acetyl cysteine, inulin and the two as a combined therapy ameliorate cognitive decline in testosterone-deprived rats. 2019 , 11, 3445-3462	10
54	Diet and Neurocognition in Mood Disorders - An Overview of the Overlooked. 2020 , 26, 2353-2362	3
53	Formononetin Ameliorates Cognitive Disorder via PGC-1 β Pathway in Neuroinflammation Conditions in High-Fat Diet-Induced Mice. 2019 , 18, 566-577	14
52	Age and High-Fat Diet Effects on Glutamine Synthetase Immunoreactivity in Liver and Hippocampus and Recognition Memory in Mice. 2016 , 9, 301-309	8
51	Protective effects of troxerutin on maternal high-fat diet-induced impairments of spatial memory and apelin in the male offspring. 2018 , 21, 682-687	9
50	Effects of Butter and Cheese on Memory and Learning in Rats. 2020 , 7, 17-24	1
49	Obesity and Diabetes Mediated Chronic Inflammation: A Potential Biomarker in Alzheimer's Disease. 2020 , 10,	15
48	Sweet but Bitter: Focus on Fructose Impact on Brain Function in Rodent Models. 2020 , 13,	7
47	Intermittent Fasting Ameliorated High-Fat Diet-Induced Memory Impairment in Rats via Reducing Oxidative Stress and Glial Fibrillary Acidic Protein Expression in Brain. 2020 , 13,	2
46	Effects of estradiol supplementation on the brain transcriptome of old rhesus macaques maintained on an obesogenic diet. 2021 , 44, 229	1
45	The Effects of Virgin Coconut Oil on Prevention of Alzheimer's Disease. 2019 , 14,	1
44	Dietary Melatonin Protects Against Behavioural, Metabolic, Oxidative, and Organ Morphological Changes in Mice that are Fed High-Fat, High- Sugar Diet. 2020 , 20, 570-583	3
43	Impact of high-fat diet on lifespan, metabolism, fecundity and behavioral senescence in Drosophila.	0
42	Critical role for astrocyte NAD ⁺ glycohydrolase in myelin injury and regeneration.	
41	Daily intake of a bean-fiber fortified bar reduces oxidative stress. 2020 , 69, 80-88	
40	Evaluating the Role of Punica Granatum and Rosuvastatin in an Experimental Model of Alzheimer's Disease. 2020 , 13, 2101-2108	1
39	Dietary factors and controversies in dementia prevention. 2020 , 4, 69-89	
38	Amyotrophic Lateral Sclerosis (ALS): The Application of Integrative and Functional Medical Nutrition Therapy (IFMNT). 2020 , 863-912	

37	The effects of exercise treatment on learning and memory ability, and cognitive performance in diet-induced prediabetes animals. 2020 , 10, 15048	1
36	Effects of dietary fat manipulation on cognition in mice and rats: protocol for a systematic review and meta-analysis.. 2020 , 4, e100108	2
35	High dietary fructose does not exacerbate the detrimental consequences of high fat diet on basilar artery function. 2016 , 67, 205-16	3
34	Chalcone-Derived Nrf2 Activator Protects Cognitive Function via Maintaining Neuronal Redox Status. 2021 , 10,	
33	Hippocampal Function Is Impaired by a Short-Term High-Fat Diet in Mice: Increased Blood-Brain Barrier Permeability and Neuroinflammation as Triggering Events. 2021 , 15, 734158	5
32	Does obesity put your brain at risk?. 2022 , 16, 102444	0
31	The health effect of probiotics on high-fat diet-induced cognitive impairment, depression and anxiety: A cross-species systematic review.. 2022 , 136, 104634	3
30	Data_Sheet_1.PDF. 2020 ,	
29	Data_Sheet_2.PDF. 2020 ,	
28	Data_Sheet_1.PDF. 2020 ,	
27	Are dietary patterns becoming more processed? The effects of different dietary patterns on cognition: A review.. 2022 , 2601060221094129	0
26	Fibromyalgia Syndrome and Cognitive Decline: The Role of Body Mass Index and Clinical Symptoms. 2022 , 11, 3404	0
25	Junk food consumption and psychological distress in children and adolescents: a systematic review and meta-analysis. <i>Nutritional Neuroscience</i> , 1-21	3.6 0
24	Neurobiological Mechanisms Modulating Emotionality, Cognition and Reward-Related Behaviour in High-Fat Diet-Fed Rodents. 2022 , 23, 7952	0
23	Palmitate and thapsigargin have contrasting effects on ER membrane lipid composition and ER proteostasis in neuronal cells. 2022 , 1867, 159219	0
22	SEXUAL DIMORPHISM IN SPATIAL LEARNING AND BRAIN METABOLISM AFTER EXPOSURE TO A WESTERN DIET AND EARLY LIFE STRESS IN RATS. 2022 , 113969	0
21	Crosstalk between neurological, cardiovascular, and lifestyle disorders: insulin and lipoproteins in the lead role.	0
20	Xylooligosaccharides and aerobic training regulate metabolism and behavior in rats with streptozotocin-induced type 1 diabetes. 2022 , 17, 1632-1644	0

- 19 Trends in Gliosis in Obesity, and the Role of Antioxidants as a Therapeutic Alternative. **2022**, 11, 1972 ○
- 18 The effects of an obesogenic diet on behavior and cognition in zebrafish (*Danio rerio*): Trait average, variability, repeatability, and behavioral syndromes. **2022**, 12, ○
- 17 Cognitive effects of Xanthohumol in wild-type and mutant mice lacking FXR in the intestine or liver on a high-fat diet. ○
- 16 The relation between self-reported healthy living and attentional engagement in everyday life. **2023**, 4, 100086 ○
- 15 High fat diet exacerbates long-term metabolic, neuropathological, and behavioral derangements in an experimental mouse model of traumatic brain injury. **2023**, 314, 121316 ○
- 14 High-fat diet feeding triggers a regenerative response in the adult zebrafish brain. ○
- 13 Soy protein increases cognitive level in mice by modifying hippocampal nerve growth, oxidative stress and intestinal microbiota. ○
- 12 The GLP-1 receptor agonist exenatide ameliorates neuroinflammation, locomotor activity, and anxiety-like behavior in mice with diet-induced obesity through the modulation of microglial M2 polarization and downregulation of SR-A4. **2023**, 115, 109653 ○
- 11 High-fat diet feeding triggers a regenerative response in the adult zebrafish brain. ○
- 10 Diet, sex, and genetic predisposition to obesity and type 2 diabetes modulate motor and anxiety-related behaviors in mice, and alter cerebellar gene expression. **2023**, 445, 114376 ○
- 9 Brain N-Glycosylation and Lipidomic Profile Changes Induced by a High-Fat Diet in Dyslipidemic Hamsters. **2023**, 24, 2883 ○
- 8 Long-Term Ingestion of Sicilian Black Bee Chestnut Honey and/or D-Limonene Counteracts Brain Damage Induced by High Fat-Diet in Obese Mice. **2023**, 24, 3467 ○
- 7 The effect of the physical versus mental presence of a high-powered person on consumers' healthy food choices. ○
- 6 Lipids at the Nexus between Cerebrovascular Disease and Vascular Dementia: The Impact of HDL-Cholesterol and Ceramides. **2023**, 24, 4403 ○
- 5 Metabolic and Transcriptomic Changes in the Mouse Brain in Response to Short-Term High-Fat Metabolic Stress. **2023**, 13, 407 ○
- 4 Effects of High-Fat and High-Fat High-Sugar Diets in the Anxiety, Learning and Memory, and in the Hippocampus Neurogenesis and Neuroinflammation of Aged Rats. **2023**, 15, 1370 ○
- 3 The Role of Diet as a Modulator of the Inflammatory Process in the Neurological Diseases. **2023**, 15, 1436 ○
- 2 Early Intervention of *Elateriospermum tapos* Yoghurt in Obese Dams Mitigates Intergenerational Cognitive Deficits and Thigmotactic Behaviour in Male Offspring via the Modulation of Metabolic Profile. **2023**, 15, 1523 1

- 1 Impacto de los diferentes tipos de entrenamiento físico sobre la composición corporal en mujeres adultas con obesidad: una revisión bibliográfica. **2023**, 19, 133-150

o