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Blueberry supplementation enhances signaling and prevents behavioral deficits in an Alzheimer disease model

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#	Paper	IF	Citations
310	Fruit extracts antagonize Abeta- or DA-induced deficits in Ca2+ flux in M1-transfected COS-7 cells. <b>2004</b> , 6, 403-11; discussion 443-9		38
309	Transgenic mouse models of Alzheimer's disease: how useful have they been for therapeutic development?. <b>2004</b> , 3, 47-59		74
308	Modulation of hippocampal plasticity and cognitive behavior by short-term blueberry supplementation in aged rats. <i>Nutritional Neuroscience</i> , <b>2004</b> , 7, 309-16	3.6	237
307	Flavonoids and the brain: interactions at the blood-brain barrier and their physiological effects on the central nervous system. <b>2004</b> , 37, 1683-93		261
306	Effective separation of potent antiproliferation and antiadhesion components from wild blueberry (Vaccinium angustifolium Ait.) fruits. <b>2004</b> , 52, 6433-42		85
305	Docosahexaenoic acid protects from dendritic pathology in an Alzheimer's disease mouse model. <b>2004</b> , 43, 633-45		602
304	Environmental enrichment improves cognition in aged Alzheimer's transgenic mice despite stable beta-amyloid deposition. <b>2004</b> , 15, 1751-4		182
303	Plants Beneficial to the Aging Brain. <b>2004</b> , 3, 136-141		5
302	Apple juice concentrate prevents oxidative damage and impaired maze performance in aged mice. <b>2005</b> , 8, 283-7		30
301	Nutritional Interventions in Aging and Age-associated Disorders. <b>2005</b> , 219-245		2
300	Blueberry extract enhances survival of intraocular hippocampal transplants. <b>2005</b> , 14, 213-23		24
299	Phytocemicals in Foods and Beverages. <b>2005</b> ,		
298	Assessment of Animal Behavior. 2005,		
297	Amyloid-beta in Alzheimer's disease: the horse or the cart? Pathogenic or protective?. <b>2005</b> , 86, 133-8		48
296	Current progress in the use of traditional medicines and nutraceuticals. 2005, 8, 324-8		37
295	Neuroprotective mechanisms of curcumin against cerebral ischemia-induced neuronal apoptosis and behavioral deficits. <b>2005</b> , 82, 138-48		190
294	Oxidative stress and inflammation in brain aging: nutritional considerations. <b>2005</b> , 30, 927-35		106

## (2006-2005)

293	Reversing the deleterious effects of aging on neuronal communication and behavior: beneficial properties of fruit polyphenolic compounds. <b>2005</b> , 81, 313S-316S	252
292	Oxidative stress, antioxidants and neurodegenerative diseases. <b>2005</b> , 11, 2033-52	108
291	Anthocyanins in aged blueberry-fed rats are found centrally and may enhance memory. <i>Nutritional Neuroscience</i> , <b>2005</b> , 8, 111-20	420
290	Nutrients, Stress, and Medical Disorders. 2005,	5
289	Alzheimer disease is substantially preventable in the United States review of risk factors, therapy, and the prospects for an expert software system. <b>2005</b> , 64, 960-7	21
288	ESP-102, a standardized combined extract of Angelica gigas, Saururus chinensis and Schizandra chinensis, significantly improved scopolamine-induced memory impairment in mice. <b>2005</b> , 76, 1691-705	47
287	The beneficial effects of fruit polyphenols on brain aging. <b>2005</b> , 26 Suppl 1, 128-32	165
286	Lifelong immunization with human beta-amyloid (1-42) protects Alzheimer's transgenic mice against cognitive impairment throughout aging. <b>2005</b> , 130, 667-84	54
285	Aging, stress and the hippocampus. <b>2005</b> , 4, 123-40	148
284	Anthocyanin metabolism in rats and their distribution to digestive area, kidney, and brain. <b>2005</b> , 53, 3902-8	251
283	Anthocyanins: structural characteristics that result in unique metabolic patterns and biological activities. <b>2006</b> , 40, 1014-28	378
282	Luteinizing hormone modulates cognition and amyloid-beta deposition in Alzheimer APP transgenic mice. <b>2006</b> , 1762, 447-52	137
281	Blueberry supplemented diet reverses age-related decline in hippocampal HSP70 neuroprotection. <b>2006</b> , 27, 344-50	93
280	The effects of antioxidants in the senescent auditory cortex. <b>2006</b> , 27, 1035-44	11
279	Quantitative analysis of amyloid plaques in a mouse model of Alzheimer's disease by phase-contrast X-ray computed tomography. <b>2006</b> , 138, 1205-13	43
278	Dopamine-induced stress signaling in COS-7 cells transfected with selectively vulnerable muscarinic receptor subtypes is partially mediated via the i3 loop and antagonized by blueberry extract. <b>2006</b> , 10, 423-37	8
277	Bacopa monniera extract reduces amyloid levels in PSAPP mice. <b>2006</b> , 9, 243-51	138
276	Protective effects of Glycyrrhiza uralensis Fisch. on the cognitive deficits caused by beta-amyloid	

275	Emerging role of polyphenolic compounds in the treatment of neurodegenerative diseases: a review of their intracellular targets. <b>2006</b> , 545, 51-64	499
274	Cardiovascular disease risk factors and cognitive impairment. <b>2006</b> , 97, 1262-5	67
273	Pomegranate juice decreases amyloid load and improves behavior in a mouse model of Alzheimer's disease. <b>2006</b> , 24, 506-15	254
272	Effects of Concord grape juice on cognitive and motor deficits in aging. <b>2006</b> , 22, 295-302	158
271	Behavioral and genoprotective effects of Vaccinium berries intake in mice. 2006, 84, 229-34	112
270	Beneficial effects of berry fruit polyphenols on neuronal and behavioral aging. <b>2006</b> , 86, 2251-2255	38
269	Amyloid beta: the alternate hypothesis. <b>2006</b> , 3, 75-80	82
268	Dietary supplementation with blueberry extract improves survival of transplanted dopamine neurons. <i>Nutritional Neuroscience</i> , <b>2006</b> , 9, 251-8	28
267	A review of genome mutation and Alzheimer's disease. <b>2007</b> , 22, 15-33	41
266	Berries. <b>2006</b> , 615-628	25
265	Mitoenergetic failure in Alzheimer disease. <b>2007</b> , 292, C8-23	103
264	Nutritional Intervention in Brain Aging. <b>2007</b> , 299-318	77
263	Inflammation in the Pathogenesis of Chronic Diseases. 2007,	4
262	The declaration of nutrition, health, and intelligence for the child-to-be. <b>2007</b> , 19, 85-102	12
261	Dietary docosahexaenoic acid and docosapentaenoic acid ameliorate amyloid-beta and tau pathology via a mechanism involving presenilin 1 levels. <b>2007</b> , 27, 4385-95	257
260	Is antioxidant therapy a viable alternative for mild cognitive impairment? Examination of the evidence. <b>2007</b> , 24, 1-19	31
259	Anthocyanins inhibit nuclear factor-kappaB activation in monocytes and reduce plasma concentrations of pro-inflammatory mediators in healthy adults. <b>2007</b> , 137, 1951-4	268
258	Beneficial effects of fruit extracts on neuronal function and behavior in a rodent model of accelerated aging. <b>2007</b> , 28, 1187-94	130

## (2008-2007)

257	Increases in luteinizing hormone are associated with declines in cognitive performance. <b>2007</b> , 269, 107-11	87
256	Impact of Berry Phytochemicals on Human Health: Effects beyond Antioxidation. 2007, 326-336	16
255	The aging brain, a key target for the future: the protein kinase C involvement. <b>2007</b> , 55, 560-9	74
254	Nutritional and exercise aspects of cognitive impairment. <b>2007</b> , 1, 242-7	8
253	Viewpoint: mechanisms of action and therapeutic potential of neurohormetic phytochemicals. <b>2007</b> , 5, 174-86	96
252	Dopamine and Abeta-induced stress signaling and decrements in Ca2+ buffering in primary neonatal hippocampal cells are antagonized by blueberry extract. <b>2007</b> , 11, 433-46	22
251	The bioavailability of raspberry anthocyanins and ellagitannins in rats. 2007, 51, 714-25	95
250	Cytoprotective effects of anthocyanins and other phenolic fractions of Boysenberry and blackcurrant on dopamine and amyloid Enduced oxidative stress in transfected COS-7 cells. <b>2007</b> , 87, 2061-2067	12
249	Inhibitory effects of blueberry extract on the production of inflammatory mediators in lipopolysaccharide-activated BV2 microglia. <b>2007</b> , 85, 1010-7	169
248	Fruit polyphenols and their effects on neuronal signaling and behavior in senescence. <b>2007</b> , 1100, 470-85	77
248 247	Fruit polyphenols and their effects on neuronal signaling and behavior in senescence. <b>2007</b> , 1100, 470-85  Dietary influences on cognitive function with aging: from high-fat diets to healthful eating. <b>2007</b> , 1114, 389-97	77
247	Dietary influences on cognitive function with aging: from high-fat diets to healthful eating. <b>2007</b> ,	
247	Dietary influences on cognitive function with aging: from high-fat diets to healthful eating. <b>2007</b> , 1114, 389-97	73
247 246	Dietary influences on cognitive function with aging: from high-fat diets to healthful eating. <b>2007</b> , 1114, 389-97  Anthocyanins: from plant to health. <b>2008</b> , 7, 281-299	73
247 246 245	Dietary influences on cognitive function with aging: from high-fat diets to healthful eating. 2007, 1114, 389-97  Anthocyanins: from plant to health. 2008, 7, 281-299  Hormetic dietary phytochemicals. 2008, 10, 236-46	73 301 246
<ul><li>247</li><li>246</li><li>245</li><li>244</li></ul>	Dietary influences on cognitive function with aging: from high-fat diets to healthful eating. 2007, 1114, 389-97  Anthocyanins: from plant to health. 2008, 7, 281-299  Hormetic dietary phytochemicals. 2008, 10, 236-46  Botanical phenolics and brain health. 2008, 10, 259-74  Improved cognitive performance after dietary supplementation with a Pinus radiata bark extract	73 301 246 151
<ul><li>247</li><li>246</li><li>245</li><li>244</li><li>243</li></ul>	Dietary influences on cognitive function with aging: from high-fat diets to healthful eating. 2007, 1114, 389-97  Anthocyanins: from plant to health. 2008, 7, 281-299  Hormetic dietary phytochemicals. 2008, 10, 236-46  Botanical phenolics and brain health. 2008, 10, 259-74  Improved cognitive performance after dietary supplementation with a Pinus radiata bark extract formulation. 2008, 22, 1168-74	73 301 246 151

239	Dietary blueberry supplementation affects growth but not vascularization of neural transplants. <b>2008</b> , 28, 1150-64		6
238	Cellular and behavioral effects of stilbene resveratrol analogues: implications for reducing the deleterious effects of aging. <b>2008</b> , 56, 10544-51		104
237	Berry fruit supplementation and the aging brain. <b>2008</b> , 56, 636-41		164
236	Inflammaging as a prodrome to Alzheimer's disease. <b>2008</b> , 5, 51		191
235	Bioactivity, Absorption, and Metabolism of Anthocyanins. 228-262		15
234	Positive modulation of cognition and mood in the healthy elderly volunteer following the administration of Centella asiatica. <b>2008</b> , 116, 325-32		99
233	A blueberry-enriched diet provides cellular protection against oxidative stress and reduces a kainate-induced learning impairment in rats. <b>2008</b> , 29, 1680-9		91
232	Flavonoids: modulators of brain function?. <b>2008</b> , 99 E Suppl 1, ES60-77		225
231	Blueberry opposes beta-amyloid peptide-induced microglial activation via inhibition of p44/42 mitogen-activation protein kinase. <b>2008</b> , 11, 891-901		35
230	Food for thought: the role of dietary flavonoids in enhancing human memory, learning and neuro-cognitive performance. <b>2008</b> , 67, 238-52		135
229	Blueberry polyphenols attenuate kainic acid-induced decrements in cognition and alter inflammatory gene expression in rat hippocampus. <i>Nutritional Neuroscience</i> , <b>2008</b> , 11, 172-82	3.6	103
228	Cyclooxygenase-2 inhibition improves amyloid-beta-mediated suppression of memory and synaptic plasticity. <b>2008</b> , 131, 651-64		181
227	Method Development for Determination of Anthocyanidin Content in Bilberry (Vaccinium myrtillus L) Fruits. <b>2008</b> , 31, 850-864		10
226	Beneficial effects of phenolic compounds from fruit and vegetables in neurodegenerative diseases. <b>2008</b> , 145-181		
225	Challenges for research on polyphenols from foods in Alzheimer's disease: bioavailability, metabolism, and cellular and molecular mechanisms. <b>2008</b> , 56, 4855-73		337
224	Is there a role fordiet in cognitive rehabilitation?. 272-292		2
223	Brainberries and Aging. 2008, 34, 1-4		
222	BLUEBERRY: GERMPLASM CHARACTERIZATION AND FOOD TRACEABILITY BY THE USE OF MOLECULAR MARKERS. <b>2009</b> , 167-172		

## (2009-2009)

221	Five or More Servings of Fruit and Vegetables Each Day for Better Health!. 2009, 417-431	4
220	Reduction of oxidative stress, amyloid deposition, and memory deficit by manganese superoxide dismutase overexpression in a transgenic mouse model of Alzheimer's disease. <b>2009</b> , 23, 2459-66	172
219	Supplementing cognitive aging: a selective review of the effects of ginkgo biloba and a number of everyday nutritional substances. <b>2010</b> , 36, 105-22	15
218	Influence of Coastal Proximity on Evapotranspiration Rates and Crop Coefficients of Maine Lowbush Blueberry (Vaccinium angustifolium). <b>2009</b> , 9, 323-343	2
217	Berries of many colours. 2009, 311, 1-4	1
216	Biochemical, behavioural and quantitative alterations in cerebellum of Swiss albino mice following irradiation and its modulation by Grewia asiatica. <b>2009</b> , 85, 787-95	10
215	Effects of blackberries on motor and cognitive function in aged rats. <i>Nutritional Neuroscience</i> , <b>2009</b> , 12, 135-40	125
214	Antioxidants and cognitive training interact to affect oxidative stress and memory in APP/PSEN1 mice. <i>Nutritional Neuroscience</i> , <b>2009</b> , 12, 203-18	56
213	Plum juice, but not dried plum powder, is effective in mitigating cognitive deficits in aged rats. <b>2009</b> , 25, 567-73	41
212	Vitamin C reduces spatial learning deficits in middle-aged and very old APP/PSEN1 transgenic and wild-type mice. <b>2009</b> , 93, 443-50	64
211	Blueberry supplementation attenuates microglial activation in hippocampal intraocular grafts to aged hosts. <b>2010</b> , 58, 679-90	16
210	Flavonoids and brain health: multiple effects underpinned by common mechanisms. <b>2009</b> , 4, 243-50	219
209	The impact of flavonoids on spatial memory in rodents: from behaviour to underlying hippocampal mechanisms. <b>2009</b> , 4, 251-70	52
208	THE EFFECT OF AIR-DRYING, FREEZE-DRYING AND STORAGE ON THE QUALITY AND ANTIOXIDANT ACTIVITY OF SOME SELECTED BERRIES. <b>2009</b> , 33, 11-21	66
207	Novel botanical ingredients for beverages. <b>2009</b> , 27, 210-6	84
206	Effect of a polyphenol-rich wild blueberry extract on cognitive performance of mice, brain antioxidant markers and acetylcholinesterase activity. <b>2009</b> , 198, 352-8	176
205	Caloric restriction attenuates amyloid deposition in middle-aged dtg APP/PS1 mice. 2009, 464, 184-7	88
204	Flavonoids and cognition: the molecular mechanisms underlying their behavioural effects. <b>2009</b> , 492, 1-9	158

203	The impact of flavonoids on memory: physiological and molecular considerations. 2009, 38, 1152-61	155
202	Bioavailability of anthocyanins from purple carrot juice: effects of acylation and plant matrix. <b>2009</b> , 57, 1226-30	101
201	The Contribution of Fruit and Vegetable Consumption to Human Health. 3-51	15
200	Nutrition, brain aging, and neurodegeneration. <b>2009</b> , 29, 12795-801	190
199	Chronic antioxidant therapy reduces oxidative stress in a mouse model of Alzheimer's disease. <b>2009</b> , 43, 156-64	51
198	Urinary excretion of the main anthocyanin in lingonberry (Vaccinium vitis-idaea), cyanidin 3-O-galactoside, and its metabolites. <b>2009</b> , 57, 4447-51	26
197	Comparative neuroprotective properties of stilbene and catechin analogs: action via a plasma membrane receptor site?. <b>2009</b> , 15, 76-83	45
196	Heterogeneity in red wine polyphenolic contents differentially influences Alzheimer's disease-type neuropathology and cognitive deterioration. <b>2009</b> , 16, 59-72	100
195	UPDATE ON HEALTH BENEFITS OF CRANBERRY AND BLUEBERRY. <b>2009</b> , 779-785	16
194	Food Antioxidants and Alzheimer Disease. 2009,	
194	Food Antioxidants and Alzheimer Disease. 2009,  Senescence of the brain: focus on cognitive kinases. 2010, 16, 660-71	41
		41 58
193	Senescence of the brain: focus on cognitive kinases. <b>2010</b> , 16, 660-71  Mitochondria and antioxidant targeted therapeutic strategies for Alzheimer's disease. <b>2010</b> , 20	
193 192	Senescence of the brain: focus on cognitive kinases. <b>2010</b> , 16, 660-71  Mitochondria and antioxidant targeted therapeutic strategies for Alzheimer's disease. <b>2010</b> , 20 Suppl 2, S633-43	58
193 192 191	Senescence of the brain: focus on cognitive kinases. <b>2010</b> , 16, 660-71  Mitochondria and antioxidant targeted therapeutic strategies for Alzheimer's disease. <b>2010</b> , 20 Suppl 2, S633-43  Determination of organic acids in Vaccinium berry standard reference materials. <b>2010</b> , 398, 425-34  Age-related toxicity of amyloid-beta associated with increased pERK and pCREB in primary	58
193 192 191	Senescence of the brain: focus on cognitive kinases. 2010, 16, 660-71  Mitochondria and antioxidant targeted therapeutic strategies for Alzheimer's disease. 2010, 20 Suppl 2, S633-43  Determination of organic acids in Vaccinium berry standard reference materials. 2010, 398, 425-34  Age-related toxicity of amyloid-beta associated with increased pERK and pCREB in primary hippocampal neurons: reversal by blueberry extract. 2010, 21, 991-8	58 34 43
193 192 191 190 189	Senescence of the brain: focus on cognitive kinases. 2010, 16, 660-71  Mitochondria and antioxidant targeted therapeutic strategies for Alzheimer's disease. 2010, 20 Suppl 2, S633-43  Determination of organic acids in Vaccinium berry standard reference materials. 2010, 398, 425-34  Age-related toxicity of amyloid-beta associated with increased pERK and pCREB in primary hippocampal neurons: reversal by blueberry extract. 2010, 21, 991-8  Targeting NADPH oxidase and phospholipases A2 in Alzheimer's disease. 2010, 41, 73-86	58 34 43 34

## (2011-2010)

185	Synergistic effects of long-term antioxidant diet and behavioral enrichment on beta-amyloid load and non-amyloidogenic processing in aged canines. <b>2010</b> , 30, 9831-9	41
184	Mulberry fruit protects dopaminergic neurons in toxin-induced Parkinson's disease models. <b>2010</b> , 104, 8-16	120
183	Beyond antioxidants: the cellular and molecular interactions of flavonoids and how these underpin their actions on the brain. <b>2010</b> , 69, 244-60	115
182	The impact of fruit flavonoids on memory and cognition. <b>2010</b> , 104 Suppl 3, S40-7	236
181	Concord grape juice supplementation improves memory function in older adults with mild cognitive impairment. <b>2010</b> , 103, 730-4	254
180	Cooked blueberries: anthocyanin and anthocyanidin degradation and their radical-scavenging activity. <b>2010</b> , 58, 9006-12	29
179	Effect of the novel radiant zone drying method on anthocyanins and phenolics of three blueberry liquids. <b>2010</b> , 58, 324-30	16
178	Purple sweet potato color suppresses lipopolysaccharide-induced acute inflammatory response in mouse brain. <b>2010</b> , 56, 424-30	43
177	Antioxidants have a rapid and long-lasting effect on neuritic abnormalities in APP:PS1 mice. <b>2010</b> , 31, 2058-68	29
176	Caffeic acid, tyrosol and p-coumaric acid are potent inhibitors of 5-S-cysteinyl-dopamine induced neurotoxicity. <b>2010</b> , 501, 106-11	116
175	Variation in the anthocyanin concentration of wild populations of crowberries (Empetrum nigrum L subsp. hermaphroditum). <b>2010</b> , 58, 12286-91	18
174	Mitigation of Oxidative Stress and Inflammatory Signaling by Fruit and Walnut Polyphenols: Implications for Cognitive Aging. <b>2010</b> , 283-298	1
173	Design and development of nanovehicle-based delivery systems for preventive or therapeutic supplementation with flavonoids. <b>2010</b> , 17, 74-95	114
172	Oxidative stress and Alzheimer's disease: dietary polyphenols as potential therapeutic agents. <b>2010</b> , 10, 729-45	148
171	Protective effects of anthocyanins against amyloid Epeptide-induced damage in neuro-2A cells. <b>2011</b> , 59, 1683-9	52
170	Caloric intake, dietary lifestyles, macronutrient composition, and alzheimer' disease dementia. <b>2011</b> , 2011, 806293	8
169	Folic acid plus <del>leocopherol mitigates amyloid-linduced neurotoxicity through modulation of mitochondrial complexes activity. <b>2011</b>, 24, 61-75</del>	66
168	Coenzyme Q10 decreases amyloid pathology and improves behavior in a transgenic mouse model of Alzheimer's disease. <b>2011</b> , 27, 211-23	85

167	Short-term blueberry intake enhances biological antioxidant potential and modulates inflammation markers in overweight and obese children. <b>2011</b> , 1, 147-158	15
166	Short-term blueberry-enriched diet prevents and reverses object recognition memory loss in aging rats. <b>2011</b> , 27, 338-42	57
165	The combined effects of exercise and foods in preventing neurological and cognitive disorders. <b>2011</b> , 52 Suppl 1, S75-80	66
164	Synaptic failure and adenosine triphosphate imbalance induced by amyloid-daggregates are prevented by blueberry-enriched polyphenols extract. <b>2011</b> , 89, 1499-508	35
163	Neuronal and vascular oxidative stress in Alzheimer's disease. <b>2011</b> , 9, 662-73	72
162	Caloric intake, dietary lifestyles, macronutrient composition and dementia. 2011, 439-463	
161	Probiotic novel beverages and their applications. <b>2011</b> , 2, 30	3
160	Antioxidants, diet, polyphenols and dementia. <b>2011</b> , 392-419	
159	Antioxidant and neuroprotective properties of blueberry polyphenols: a critical review. <i>Nutritional Neuroscience</i> , <b>2011</b> , 14, 119-25	51
158	Blueberries and neuronal aging. <b>2012</b> , 58, 518-23	33
157	Brain Aging and Therapeutic Interventions. <b>2012</b> ,	4
156	A berry thought-provoking idea: the potential role of plant polyphenols in the treatment of age-related cognitive disorders. <b>2012</b> , 108, 794-800	49
155	Drugs, nutrients, and phytoactive principles improving the health span of rodent models of human age-related diseases. <b>2012</b> , 67, 140-51	10
154	Interactions of Flavan-3-ols within Cellular Signaling Pathways. <b>2012</b> , 301-314	1
153	Flavonoids as modulators of memory and learning: molecular interactions resulting in behavioural effects. <b>2012</b> , 71, 246-62	68
153 152		91
	effects. <b>2012</b> , 71, 246-62	

#### (2013-2012)

149	phenolic metabolites, and postprandial glycemic response in healthy subjects. <b>2012</b> , 4, 746-756	44
148	Berry fruit enhances beneficial signaling in the brain. <b>2012</b> , 60, 5709-15	93
147	Synaptic silencing and plasma membrane dyshomeostasis induced by amyloid-[peptide are prevented by Aristotelia chilensis enriched extract. <b>2012</b> , 31, 879-89	29
146	Blueberry supplementation induces spatial memory improvements and region-specific regulation of hippocampal BDNF mRNA expression in young rats. <b>2012</b> , 223, 319-30	85
145	Effects of Launaea procumbens on brain antioxidant enzymes and cognitive performance of rat. <b>2012</b> , 12, 219	10
144	A review: inflammatory process in Alzheimer's disease, role of cytokines. <b>2012</b> , 2012, 756357	502
143	Neuroinflammation and the APOlgenotype: Implications for Alzheimer's disease and modulation by dietary flavonoids and n-3 polyunsaturated fatty acids. <b>2012</b> , 1, 41-53	3
142	Broad-based nutritional supplementation in 3xTg mice corrects mitochondrial function and indicates sex-specificity in response to Alzheimer's disease intervention. <b>2012</b> , 32, 217-32	13
141	Cell-line specific protection by berry polyphenols against hydrogen peroxide challenge and lack of effect on metabolism of amyloid precursor protein. <b>2012</b> , 26, 956-63	8
140	Flavonoids, cognition, and dementia: actions, mechanisms, and potential therapeutic utility for Alzheimer disease. <b>2012</b> , 52, 35-45	315
139	Neuroprotective effect of blackberry (Rubus sp.) polyphenols is potentiated after simulated gastrointestinal digestion. <b>2012</b> , 131, 1443-1452	88
138	Hippocampal neurogenesis in Alzheimer's disease: is there a role for dietary modulation?. <b>2014</b> , 38, 11-38	56
137	The Case for Anthocyanin Consumption to Promote Human Health: A Review. <b>2013</b> , 12, 483-508	348
136	Blueberry anthocyanins in health promotion: A metabolic overview. <b>2013</b> , 5, 1518-1528	148
135	Resveratrol derivatives: a patent review (2009 - 2012). <b>2013</b> , 23, 1529-46	27
134	Coffee, but not caffeine, has positive effects on cognition and psychomotor behavior in aging. <b>2013</b> , 35, 2183-92	35
133	Anthocyanins. <b>2013</b> , 1803-1819	3
132	Potential Neuroprotective Actions of Dietary Flavonoids. <b>2013</b> , 2617-2640	

131	Anthocyanin-enriched bilberry and blackcurrant extracts modulate amyloid precursor protein processing and alleviate behavioral abnormalities in the APP/PS1 mouse model of Alzheimer's disease. <b>2013</b> , 24, 360-70	94
130	Texture profiling of blueberries (Vaccinium spp.) during fruit development, ripening and storage. <b>2013</b> , 76, 34-39	66
129	Cognitive enhancement and neuroprotection by catechin-rich oil palm leaf extract supplement. <b>2013</b> , 93, 819-27	9
128	Pomegranate juice augments memory and FMRI activity in middle-aged and older adults with mild memory complaints. <b>2013</b> , 2013, 946298	41
127	Nutrients and Food Constituents in Cognitive Decline and Neurodegenerative Disease. <b>2013</b> , 373-390	
126	Role of anthocyanin-enriched purple-fleshed sweet potato p40 in colorectal cancer prevention. <b>2013</b> , 57, 1908-17	105
125	Overview of the Health Properties of Blueberries. 2013, 251-271	6
124	The antioxidant level of Alaska's wild berries: high, higher and highest. <b>2013</b> , 72,	13
123	A review of pterostilbene antioxidant activity and disease modification. <b>2013</b> , 2013, 575482	171
122	Flavonoids. <b>2013</b> ,	
122	Flavonoids. 2013,  Characterization of blueberry fruits (Vaccinium spp.) and derived products. 2014, 34, 773-779	40
		40
121	Characterization of blueberry fruits (Vaccinium spp.) and derived products. <b>2014</b> , 34, 773-779  Oxidative damage and amyloid-Imetabolism in brain regions of the longest-lived rodents. <b>2014</b> ,	
121	Characterization of blueberry fruits (Vaccinium spp.) and derived products. <b>2014</b> , 34, 773-779  Oxidative damage and amyloid-Imetabolism in brain regions of the longest-lived rodents. <b>2014</b> , 92, 195-205  Nutritional Approaches for Healthy Aging of the Brain and the Prevention of Neurodegenerative	28
121 120 119	Characterization of blueberry fruits (Vaccinium spp.) and derived products. <b>2014</b> , 34, 773-779  Oxidative damage and amyloid-Imetabolism in brain regions of the longest-lived rodents. <b>2014</b> , 92, 195-205  Nutritional Approaches for Healthy Aging of the Brain and the Prevention of Neurodegenerative Diseases. <b>2014</b> , 457-479	28
121 120 119 118	Characterization of blueberry fruits (Vaccinium spp.) and derived products. <b>2014</b> , 34, 773-779  Oxidative damage and amyloid-Imetabolism in brain regions of the longest-lived rodents. <b>2014</b> , 92, 195-205  Nutritional Approaches for Healthy Aging of the Brain and the Prevention of Neurodegenerative Diseases. <b>2014</b> , 457-479  Caffeic acid protects mice from memory deficits induced by focal cerebral ischemia. <b>2014</b> , 25, 637-47  Resveratrol increases cerebral glycogen synthase kinase phosphorylation as well as protein levels	28 4 32
121 120 119 118	Characterization of blueberry fruits (Vaccinium spp.) and derived products. <b>2014</b> , 34, 773-779  Oxidative damage and amyloid-Imetabolism in brain regions of the longest-lived rodents. <b>2014</b> , 92, 195-205  Nutritional Approaches for Healthy Aging of the Brain and the Prevention of Neurodegenerative Diseases. <b>2014</b> , 457-479  Caffeic acid protects mice from memory deficits induced by focal cerebral ischemia. <b>2014</b> , 25, 637-47  Resveratrol increases cerebral glycogen synthase kinase phosphorylation as well as protein levels of drebrin and transthyretin in mice: an exploratory study. <b>2014</b> , 65, 89-96	28 4 32 28

## (2015-2014)

113	A role for hippocampal PSA-NCAM and NMDA-NR2B receptor function in flavonoid-induced spatial memory improvements in young rats. <b>2014</b> , 79, 335-44	27
112	Protection by Polyphenols Against Mitochondrial Damage and Cytotoxicity. <b>2014</b> , 731-746	2
111	Anthocyanins protect against kainic acid-induced excitotoxicity and apoptosis via ROS-activated AMPK pathway in hippocampal neurons. <b>2014</b> , 20, 327-38	44
110	2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) is selectively toxic to primary dopaminergic neurons in vitro. <b>2014</b> , 140, 179-89	19
109	Pharma-Nutrition. <b>2014</b> ,	
108	The beneficial effects of berries on cognition, motor behaviour and neuronal function in ageing. <b>2015</b> , 114, 1542-9	66
107	Pigments in Fruits and Vegetables. 2015,	9
106	Partridgeberry polyphenols protect primary cortical and hippocampal neurons against Emyloid toxicity. <b>2015</b> , 74, 237-249	10
105	Anthocyanins in Staple Crops. <b>2015</b> , 247-273	2
104	Phenolic bioactives from developmental stages of highbush blueberry (Vaccinium corymbosum) for hyperglycemia management using in vitro models. <b>2015</b> , 95, 653-662	9
103	Blueberry Polyphenols and Neuroprotection. <b>2015</b> , 17-28	6
102	Vitamin C deficiency in the brain impairs cognition, increases amyloid accumulation and deposition, and oxidative stress in APP/PSEN1 and normally aging mice. <b>2015</b> , 6, 570-81	70
101	MIND diet associated with reduced incidence of Alzheimer's disease. <b>2015</b> , 11, 1007-14	429
100	Whole-food diet worsened cognitive dysfunction in an Alzheimer's disease mouse model. <b>2015</b> , 36, 90-9	11
99	Orally administrated pterostilbene attenuates acute cerebral ischemia-reperfusion injury in a doseand time-dependent manner in mice. <b>2015</b> , 135, 199-209	21
98	The mechanisms of action of flavonoids in the brain: Direct versus indirect effects. <b>2015</b> , 89, 126-39	103
97	Long-term (15 mo) dietary supplementation with pomegranates from Oman attenuates cognitive and behavioral deficits in a transgenic mice model of Alzheimer's disease. <b>2015</b> , 31, 223-9	47
96	Ameliorative Effects of Nutraceuticals in Neurological Disorders. <b>2015</b> , 245-260	13

95	Malvidin's Effects on Rat Pial Microvascular Permeability Changes Due to Hypoperfusion and Reperfusion Injury. <b>2016</b> , 10, 153	6
94	The Effects of Vaccinium myrtillus Extract on Hamster Pial Microcirculation during Hypoperfusion-Reperfusion Injury. <b>2016</b> , 11, e0150659	5
93	Dietary Phytochemicals in Neuroimmunoaging: A New Therapeutic Possibility for Humans?. <b>2016</b> , 7, 364	27
92	Study on the interaction between pelargonidin-3-O-glucoside and bovine serum albumin using spectroscopic, transmission electron microscopy and molecular modeling techniques. <b>2016</b> , 31, 442-452	20
91	In vitro study of biological activities of anthocyanin-rich berry extracts on porcine intestinal epithelial cells. <b>2016</b> , 96, 1093-100	20
90	Chemistry, Pharmacology and Health Benefits of Anthocyanins. <b>2016</b> , 30, 1265-86	187
89	Nutritional interventions for Alzheimer's prevention: a clinical precision medicine approach. <b>2016</b> , 1367, 50-6	29
88	Anthocyanins Protect SK-N-SH Cells Against Acrolein-Induced Toxicity by Preserving the Cellular Redox State. <b>2016</b> , 50, 981-98	10
87	Anthocyanins abrogate glutamate-induced AMPK activation, oxidative stress, neuroinflammation, and neurodegeneration in postnatal rat brain. <b>2016</b> , 13, 286	49
86	Cognitive-Enhancing Effects of a Polyphenols-Rich Extract from Fruits without Changes in Neuropathology in an Animal Model of Alzheimer's Disease. <b>2017</b> , 55, 115-135	33
85	Promising therapeutic potential of pterostilbene and its mechanistic insight based on preclinical evidence. <b>2016</b> , 789, 229-243	74
84	Alzheimer Mythology: A Time to Think Out of the Box. <b>2016</b> , 17, 769-74	5
83	Arabidopsis thaliana extracts optimized for polyphenols production as potential therapeutics for the APOE-modulated neuroinflammation characteristic of Alzheimer's disease in vitro. <b>2016</b> , 6, 29364	6
82	Anthocyanin suppresses the toxicity of Aldeposits through diversion of molecular forms in in vitro and in vivo models of Alzheimer's disease. <i>Nutritional Neuroscience</i> , <b>2016</b> , 19, 32-42	35
81	Complexity and health functionality of plant cell wall fibers from fruits and vegetables. 2017, 57, 59-81	121
80	Serum metabolites from walnut-fed aged rats attenuate stress-induced neurotoxicity in BV-2 microglial cells. <i>Nutritional Neuroscience</i> , <b>2017</b> , 20, 103-109	18
79	Nutraceuticals and Cognitive Dysfunction. <b>2017</b> , 561-579	2
78	The protective role of plant biophenols in mechanisms of Alzheimer's disease. <b>2017</b> , 47, 1-20	56

77	Anthocyanins encapsulated by PLGA@PEG nanoparticles potentially improved its free radical scavenging capabilities via p38/JNK pathway against Allnduced oxidative stress. <b>2017</b> , 15, 12	79
76	Radiocaesium transfer from forest soils to wild edible fruits and radiation dose assessment through their ingestions in Czech Republic. <b>2017</b> , 22, 91-96	1
75	Structural pattern and genetic diversity in blueberry (Vaccinium) clones and cultivars using EST-PCR and microsatellite markers. <b>2017</b> , 64, 2071-2082	5
74	Investigation on the Role of BDNF in the Benefits of Blueberry Extracts for the Improvement of Learning and Memory in Alzheimer's Disease Mouse Model. <b>2017</b> , 56, 629-640	24
73	The Contribution of Fruit and Vegetable Consumption to Human Health. 2017, 1-52	6
72	Raspberry differentially improves age-related declines in psychomotor function dependent on baseline motor ability. <b>2017</b> , 8, 4752-4759	4
71	Effects of Resveratrol and Other Polyphenols on the Most Common Brain Age-Related Diseases. <b>2017</b> , 24, 4245-4266	44
70	The Pleiotropic Pharmacology of Plant Polyphenols. <b>2017</b> , 17-36	
69	Daily supplementation with GrandFusion improves memory and learning in aged rats. 2017, 9, 1041-1054	6
68	Naturally Occurring Anthocyanin, Structure, Functions and Biosynthetic Pathway in Fruit Plants. <b>2017</b> , 05,	43
67	Antioxidant and Anti-Inflammatory Effects of Delphinidin on Glial Cells and Lack of Effect on Secretase Enzyme. <b>2018</b> , 454, 012061	6
66	Anthocyanin Biosynthesis and Degradation Mechanisms in Vegetables: A Review. <b>2018</b> , 6, 52	232
65	Protective Effects of Foods Containing Flavonoids on Age-Related Cognitive Decline. 2018, 7, 39-48	26
64	The Molecular Basis for Protective Effect of Mediterranean Diet in Neurodegenerative Disorders. <b>2018</b> , 53-76	1
63	Effects and Mechanisms of Antioxidant-Rich Functional Beverages on Disease Prevention. 2019, 157-198	6
62	Biological, Diagnostic and Therapeutic Advances in Alzheimer's Disease. <b>2019</b> ,	O
61	Natural Antioxidant Anthocyanins-A Hidden Therapeutic Candidate in Metabolic Disorders with Major Focus in Neurodegeneration. <b>2019</b> , 11,	50
60	Blueberry Supplementation Mitigates Altered Brain Plasticity and Behavior after Traumatic Brain Injury in Rats. <b>2019</b> , 63, e1801055	13

59	Dietary Polyphenols-Important Non-Nutrients in the Prevention of Chronic Noncommunicable Diseases. A Systematic Review. <b>2019</b> , 11,		86
58	WS-5 Extract of and Contains Anti-AChE Compounds and Improves -Amyloid-Induced Memory Impairment in Mice. <b>2019</b> , 2019, 5160293		9
57	Depressed mood induction in early cigarette withdrawal is unaffected by acute monoamine precursor supplementation. <b>2019</b> , 15, 311-321		
56	Blueberries Improve Neuroinflammation and Cognition differentially Depending on Individual Cognitive baseline Status. <b>2019</b> , 74, 977-983		2
55	Mitigating Alzheimer's Disease with Natural Polyphenols: A Review. <b>2019</b> , 16, 529-543		27
54	Pathology, Prevention and Therapeutics of Neurodegenerative Disease. 2019,		1
53	Recent Advances in the Antioxidant Therapies for Alzheimer Disease: Emphasis on Natural Antioxidants. <b>2019</b> , 253-263		1
52	The impact of blackcurrant juice on attention, mood and brain wave spectral activity in young healthy volunteers. <i>Nutritional Neuroscience</i> , <b>2019</b> , 22, 596-606	3.6	13
51	The Therapeutic Potential of Anthocyanins: Current Approaches Based on Their Molecular Mechanism of Action. <b>2020</b> , 11, 1300		55
50	The Anti-Neuroinflammatory Role of Anthocyanins and Their Metabolites for the Prevention and Treatment of Brain Disorders. <b>2020</b> , 21,		17
49	Bilberry (L.) Extracts Comparative Analysis Regarding Their Phytonutrient Profiles, Antioxidant Capacity along with the In Vivo Rescue Effects Tested on a High-Sugar Diet Model. <b>2020</b> , 9,		8
48	Soil Preparation, Running Highbush Blueberry (Vaccinium corymbosum L.) Plantation and Biological Properties of Fruits. <b>2020</b> ,		
47	The Business Process Model and Notation Used for the Representation of Alzheimer Disease Patients Care Process. <b>2020</b> , 5, 16		2
46	Anthocyanins and Human Health-A Focus on Oxidative Stress, Inflammation and Disease. <b>2020</b> , 9,		37
45	Blueberry Supplementation in Neuronal Health and Protective Technologies for Efficient Delivery of Blueberry Anthocyanins. <b>2021</b> , 11,		6
44	Root Protects against Allnduced Cognitive Dysfunction and Pathology in Female Models of Alzheimer's Disease. <b>2021</b> , 10,		0
43	[Effects of the use of 17 lestradiol and genistein in Alzheimer's disease in women with menopause]. <b>2021</b> , 56, 236-240		1
42	Improving Cognition with Nutraceuticals Targeting TGF-II Signaling. 2021, 10,		8

#### (2009-2021)

41	De novo sequencing and analysis of the transcriptome of two highbush blueberry (Vaccinium corymbosum L.) cultivars 'Bluecrop' and 'Legacy' at harvest and following post-harvest storage. <b>2021</b> , 16, e0255139	О
40	Modulation of the microbiota-gut-brain axis by bioactive food, prebiotics, and probiotics decelerates the course of Alzheimer's disease. <b>2021</b> , 51-86	1
39	Free Radical Mediated Damage to Brain in Alzheimer Disease: Role of Acrolein and Preclinical Promise of Antioxidant Polyphenols. <b>2010</b> , 417-437	1
38	Integrating Research and Extension for Successful Integrated Pest Management. 2014, 355-392	1
37	Natural-based consumer health nanoproducts: medicines, cosmetics, and food supplements. <b>2020</b> , 527-578	5
36	Age-Related Neuronal and Behavioral Deficits are Improved by Polyphenol-Rich Blueberry Supplementation. <b>2005</b> , 373-393	2
35	Blueberry-enriched diet protects rat heart from ischemic damage. <b>2009</b> , 4, e5954	41
34	Survival and cardioprotective benefits of long-term blueberry enriched diet in dilated cardiomyopathy following myocardial infarction in rats. <b>2009</b> , 4, e7975	28
33	Polyphenols Beyond Barriers: A Glimpse into the Brain. <b>2017</b> , 15, 562-594	63
32	Flavonoid-rich foods (FRF): A promising nutraceutical approach against lifespan-shortening diseases. <b>2020</b> , 23, 140-153	15
31	Neuroprotective effects of berry fruits on neurodegenerative diseases. <b>2014</b> , 9, 1557-66	98
30	Flavonoids as Modulators of Synaptic Plasticity: Implications for the Development of Novel Therapeutic Strategies for Healthy Lifestyle.	1
29	Polyphenols and neuroprotection: Therapeutic implications for cognitive decline. <b>2021</b> , 108013	20
28	Nutritional Antioxidants, Vitamins, Cognition, and Neurodegenerative Disease. <b>2004</b> , 813-823	
27	Nutrition and Behavior. 2007, 397-407	
26	Molecular Theories of Aging and Nutritional Interventions. <b>2007</b> , 11-28	
25	Anti-Aging Strategies. 2008, 305-317	
24	Actions of Bioactive Phytochemicals in Cell Function and Alzheimer Disease Pathology. 2009,	1

23	The Therapeutical Potential of Diet and Exercise on Brain Repair. 2010, 485-498		1
22	Bioscience Frontiers in Neuromedical Interventions Following Brain Injury. <b>2010</b> , 419-454		
21	Smart Dietary Interventions and Prevention of Cognitive Decline with Aging. 2012, 253-266		
20	Dried Blueberries: The Effects of Processing on Health-Promoting Compounds. 75-100		
19	Diet and Nutrition in Alzheimer Disease and Healthy Aging. 2019, 183-208		1
18	Study of Growth and Yield Parameters of Two Cultivars of Blueberry in Loukkos Region. <b>2020</b> , 357-363		
17	Inflamm-Aging. <b>2009</b> , 893-918		
16	An overview on therapeutics attenuating amyloid level in Alzheimer's disease: targeting neurotransmission, inflammation, oxidative stress and enhanced cholesterol levels. <b>2016</b> , 8, 246-69		30
15	Bilberry/red grape juice decreases plasma biomarkers of inflammation and tissue damage in aged men with subjective memory impairment -a randomized clinical trial. <b>2021</b> , 7, 75		1
14	Ornamental Flowers Grown in Human Surroundings as a Source of Anthocyanins with High Anti-Inflammatory Properties <b>2022</b> , 11,		1
13	Design, synthesis, and biological evaluation of novel urolithins derivatives as potential phosphodiesterase II inhibitors. <b>2021</b> , 11, 23792		0
12	The Glial Perspective of Energy Homeostasis, Neuroinflammation, and Neuro-nutraceuticals. <b>2022</b> , 627-6	652	
11	Targeting gut microbiota to alleviate neuroinflammation in Alzheimer∃ disease. <b>2022</b> , 188, 114418		2
10	Natural Antioxidant Compounds as Potential Pharmaceutical Tools against Neurodegenerative Diseases. <i>ACS Omega</i> ,	3.9	1
9	Phytochemical profile and pro-healthy properties of berries. <i>International Journal of Food Properties</i> , <b>2022</b> , 25, 1714-1735	3	0
8	Neurohormetic phytochemicals in the pathogenesis of neurodegenerative diseases. 2022, 19,		O
7	New Insights into Dietary Pterostilbene: Sources, Metabolism, and Health Promotion Effects. <b>2022</b> , 27, 6316		3
6	A quantitative meta-analysis of vitamin C in the pathophysiology of Alzheimer∃ disease. 14,		O

#### CITATION REPORT

5	Flavonoids bridging the gut and the brain: Intestinal metabolic fate, and direct or indirect effects of natural supporters against neuroinflammation and neurodegeneration. <b>2022</b> , 205, 115257	2
4	Alimentos especiais que afetam a sade do clebro (envelhecimento) e a cogni <b>l. 2021</b> , 155-198	O
3	Benefits of dietary polyphenols in Alzheimer⊠ disease. 14,	1
2	The Contribution of Transgenic Models to the Understanding of Alzheimer's Disease Progression and Therapeutic Development. <b>2011</b> , 1-14	O
1	Pterostilbene reduces the progression of atopic dermatitis via modulating inflammatory and oxidative stress biomarkers in mice.	O