Giulio Maria Pasinetti

List of Publications by Citations

274 papers	13,067 citations	67 h-index	107 g-index
322 ext. papers	14,576 ext. citations	4.6 avg, IF	7.01 L-index

#	Paper	IF	Citations
274	Diet-induced insulin resistance promotes amyloidosis in a transgenic mouse model of Alzheimer's disease. *FASEB Journal*, **2004**, 18, 902-4	0.9	502
273	Neuronal SIRT1 activation as a novel mechanism underlying the prevention of Alzheimer disease amyloid neuropathology by calorie restriction. *Journal of Biological Chemistry*, **2006**, 281, 21745-21754	5.4	478
272	Grape-derived polyphenolics prevent Abeta oligomerization and attenuate cognitive deterioration in a mouse model of Alzheimer's disease. *Journal of Neuroscience*, **2008**, 28, 6388-92	6.6	302
271	Clusterin (apoJ) alters the aggregation of amyloid beta-peptide (A beta 1-42) and forms slowly sedimenting A beta complexes that cause oxidative stress. *Experimental Neurology*, **1995**, 136, 22-31	5.7	264
270	PGC-1alpha expression decreases in the Alzheimer disease brain as a function of dementia. *Archives of Neurology*, **2009**, 66, 352-61		250
269	Moderate consumption of Cabernet Sauvignon attenuates Abeta neuropathology in a mouse model of Alzheimer's disease. *FASEB Journal*, **2006**, 20, 2313-20	0.9	248
268	Valsartan lowers brain beta-amyloid protein levels and improves spatial learning in a mouse model of Alzheimer disease. *Journal of Clinical Investigation*, **2007**, 117, 3393-402	15.9	235
267	Nicotinamide riboside restores cognition through an upregulation of proliferator-activated receptor-□coactivator 1□regulated □secretase 1 degradation and mitochondrial gene expression in Alzheimer's mouse models. *Neurobiology of Aging*, **2013**, 34, 1581-8	5.6	214
266	Potentiation of excitotoxicity in transgenic mice overexpressing neuronal cyclooxygenase-2. *American Journal of Pathology*, **1999**, 155, 995-1004	5.8	208
265	Caloric restriction attenuates beta-amyloid neuropathology in a mouse model of Alzheimer's disease. *FASEB Journal*, **2005**, 19, 659-61	0.9	205
264	Bioavailability of gallic acid and catechins from grape seed polyphenol extract is improved by repeated dosing in rats: implications for treatment in Alzheimer's disease. *Journal of Alzheimer's Disease*, **2009**, 18, 113-24	4.3	198
263	A ketogenic diet as a potential novel therapeutic intervention in amyotrophic lateral sclerosis. *BMC Neuroscience*, **2006**, 7, 29	3.2	189
262	TGF-beta 1 is an organizer of responses to neurodegeneration. *Journal of Cellular Biochemistry*, **1993**, 53, 314-22	4.7	185
261	BDNF mRNA expression in the developing rat brain following kainic acid-induced seizure activity. *Neuron*, **1992**, 8, 1127-38	13.9	182
260	Flavonoids and isoflavonoids: from plant biology to agriculture and neuroscience. *Plant Physiology*, **2010**, 154, 453-7	6.6	179
259	Regional distribution of cyclooxygenase-2 in the hippocampal formation in Alzheimer's disease. *Journal of Neuroscience Research*, **1999**, 57, 295-303	4.4	175
258	Association of apolipoprotein E genotype with brain levels of apolipoprotein E and apolipoprotein J (clusterin) in Alzheimer disease. *Molecular Brain Research*, **1995**, 33, 174-8		169

257	Identification of potential CSF biomarkers in ALS. *Neurology*, **2006**, 66, 1218-22	6.5	168
256	Complement mRNA in the mammalian brain: responses to Alzheimer's disease and experimental brain lesioning. *Neurobiology of Aging*, **1992**, 13, 641-8	5.6	163
255	Brain-targeted proanthocyanidin metabolites for Alzheimer's disease treatment. *Journal of Neuroscience*, **2012**, 32, 5144-50	6.6	161
254	Cyclooxygenase and inflammation in Alzheimer's disease: experimental approaches and clinical interventions. *Journal of Neuroscience Research*, **1998**, 54, 1-6	4.4	160
253	Effects of grape seed-derived polyphenols on amyloid beta-protein self-assembly and cytotoxicity. *Journal of Biological Chemistry*, **2008**, 283, 32176-87	5.4	158
252	Cytokine gene expression as a function of the clinical progression of Alzheimer disease dementia. *Archives of Neurology*, **2000**, 57, 1153-60		158
251	Role of intestinal microbiota in the generation of polyphenol-derived phenolic acid mediated attenuation of Alzheimer's disease β-amyloid oligomerization. *Molecular Nutrition and Food Research*, **2015**, 59, 1025-40	5.9	155
250	Roles of resveratrol and other grape-derived polyphenols in Alzheimer's disease prevention and treatment. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2015**, 1852, 1202-8	6.9	151
249	Protective roles of intestinal microbiota derived short chain fatty acids in Alzheimer's disease-type beta-amyloid neuropathological mechanisms. *Expert Review of Neurotherapeutics*, **2018**, 18, 83-90	4.3	150
248	Identification of brain-targeted bioactive dietary quercetin-3-O-glucuronide as a novel intervention for Alzheimer's disease. *FASEB Journal*, **2013**, 27, 769-81	0.9	142
247	Calorie restriction attenuates Alzheimer's disease type brain amyloidosis in Squirrel monkeys (Saimiri sciureus). *Journal of Alzheimer's Disease*, **2006**, 10, 417-22	4.3	138
246	Neuronal cyclooxygenase 2 expression in the hippocampal formation as a function of the clinical progression of Alzheimer disease. *Archives of Neurology*, **2001**, 58, 487-92		135
245	Amyloid beta-peptide and amyloid pathology are central to the oxidative stress and inflammatory cascades under which Alzheimer's disease brain exists. *Journal of Alzheimer's Disease*, **2002**, 4, 193-201	4.3	130
244	Clusterin (SGP-2): a multifunctional glycoprotein with regional expression in astrocytes and neurons of the adult rat brain. *Journal of Comparative Neurology*, **1994**, 339, 387-400	3.4	128
243	A therapeutic role for cyclooxygenase-2 inhibitors in a transgenic mouse model of amyotrophic lateral sclerosis. *FASEB Journal*, **2003**, 17, 725-7	0.9	124
242	Metabolic syndrome and the role of dietary lifestyles in Alzheimer's disease. *Journal of Neurochemistry*, **2008**, 106, 1503-14	6	122
241	Complement-derived anaphylatoxin C5a protects against glutamate-mediated neurotoxicity. *Journal of Cellular Biochemistry*, **1999**, 73, 303-311	4.7	122
240	Insulin receptor deficits in schizophrenia and in cellular and animal models of insulin receptor dysfunction. *Schizophrenia Research*, **2006**, 84, 1-14	3.6	121

239	Epigenetic modulation of inflammation and synaptic plasticity promotes resilience against stress in mice. *Nature Communications*, **2018**, 9, 477	17.4	116
238	Castration enhances expression of glial fibrillary acidic protein and sulfated glycoprotein-2 in the intact and lesion-altered hippocampus of the adult male rat. *Molecular Endocrinology*, **1990**, 4, 1995-2002		110
237	Inflammatory mechanisms in neurodegeneration and Alzheimer's disease: the role of the complement system. *Neurobiology of Aging*, **1996**, 17, 707-16	5.6	108
236	Grape derived polyphenols attenuate tau neuropathology in a mouse model of Alzheimer's disease. *Journal of Alzheimer's Disease*, **2010**, 22, 653-61	4.3	102
235	Role of cyclooxygenase-2 in neuronal cell cycle activity and glutamate-mediated excitotoxicity. *Journal of Pharmacology and Experimental Therapeutics*, **2002**, 301, 494-500	4.7	102
234	Overexpression of wild type but not an FAD mutant presenilin-1 promotes neurogenesis in the hippocampus of adult mice. *Neurobiology of Disease*, **2002**, 10, 8-19	7.5	102
233	Use of cDNA microarray in the search for molecular markers involved in the onset of Alzheimer's disease dementia. *Journal of Neuroscience Research*, **2001**, 65, 471-6	4.4	101
232	Heterogeneity in red wine polyphenolic contents differentially influences Alzheimer's disease-type neuropathology and cognitive deterioration. *Journal of Alzheimer's Disease*, **2009**, 16, 59-72	4.3	100
231	Cyclooxygenase-2 promotes amyloid plaque deposition in a mouse model of Alzheimer's disease neuropathology. *Gene Expression*, **2002**, 10, 271-8	3.4	99
230	Insulin degrading enzyme activity selectively decreases in the hippocampal formation of cases at high risk to develop Alzheimer's disease. *Neurobiology of Aging*, **2007**, 28, 824-30	5.6	98
229	Cerebrospinal fluid ceramides from patients with multiple sclerosis impair neuronal bioenergetics. *Brain*, **2014**, 137, 2271-86	11.2	97
228	Cyclooxygenase (COX)-2 and cell cycle activity in a transgenic mouse model of Alzheimer's disease neuropathology. *Neurobiology of Aging*, **2002**, 23, 327-34	5.6	97
227	Caspase gene expression in the brain as a function of the clinical progression of Alzheimer disease. *Archives of Neurology*, **2003**, 60, 369-76		95
226	Altered expression of a-type but not b-type synapsin isoform in the brain of patients at high risk for Alzheimer's disease assessed by DNA microarray technique. *Neuroscience Letters*, **2001**, 298, 191-4	3.3	93
225	Peroxisome proliferator activator receptor gamma coactivator-1alpha (PGC-1) improves motor performance and survival in a mouse model of amyotrophic lateral sclerosis. *Molecular Neurodegeneration*, **2011**, 6, 51	19	92
224	Paired helical filaments from Alzheimer disease brain induce intracellular accumulation of Tau protein in aggresomes. *Journal of Biological Chemistry*, **2012**, 287, 20522-33	5.4	91
223	Complement anaphylatoxin C5a neuroprotects through mitogen-activated protein kinase-dependent inhibition of caspase 3. *Journal of Neurochemistry*, **2001**, 77, 43-9	6	89
222	Selective reduction of mRNA for the beta-amyloid precursor protein that lacks a Kunitz-type protease inhibitor motif in cortex from Alzheimer brains. *Experimental Neurology*, **1988**, 102, 264-8	5.7	89

221	Cyclooxygenase (COX)-2 and COX-1 potentiate beta-amyloid peptide generation through mechanisms that involve gamma-secretase activity. *Journal of Biological Chemistry*, **2003**, 278, 50970-7	5.4	87
220	Microglia activation in the brain as inflammatory biomarker of Alzheimer's disease neuropathology and clinical dementia. *Disease Markers*, **2006**, 22, 95-102	3.2	86
219	Akt/PKB kinase phosphorylates separately Thr212 and Ser214 of tau protein in vitro. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2003**, 1639, 159-68	6.9	86
218	Targeting multiple pathogenic mechanisms with polyphenols for the treatment of Alzheimer's disease-experimental approach and therapeutic implications. *Frontiers in Aging Neuroscience*, **2014**, 6, 42	5.3	80
217	Regulation of forkhead transcription factor FoxO3a contributes to calorie restriction-induced prevention of Alzheimer's disease-type amyloid neuropathology and spatial memory deterioration. *Annals of the New York Academy of Sciences*, **2008**, 1147, 335-47	6.5	79
216	The Inhibition of Caspase-1 Activity With a Dietary Polyphenol Reduces Anxiety and Depression in a Murine Model of Chronic Stress. *Current Developments in Nutrition*, **2021**, 5, 368-368	0.4	78
215	Microbiota Metabolites Modulate the T Helper 17 to Regulatory T Cell (Th17/Treg) Imbalance Promoting Resilience to Stress-Induced Anxiety- and Depressive-Like Behaviors. *Current Developments in Nutrition*, **2021**, 5, 917-917	0.4	78
214	Sensitization to Chronic Stress-Induced Depression and Anxiety Modulated by Gut-Brain-Axis Immunity. *Current Developments in Nutrition*, **2021**, 5, 1174-1174	0.4	78
213	PRIMING OF MICROGLIA ACTIVITY INCREASES SUSCEPTIBILITY TO DEPRESSION-LIKE BEHAVIORS. *Innovation in Aging*, **2019**, 3, S95-S95	0.1	78
212	Caprylic triglyceride as a novel therapeutic approach to effectively improve the performance and attenuate the symptoms due to the motor neuron loss in ALS disease. *PLoS ONE*, **2012**, 7, e49191	3.7	77
211	The role of complement anaphylatoxin C5a in neurodegeneration: implications in Alzheimer's disease. *Journal of Neuroimmunology*, **2000**, 105, 124-30	3.5	72
210	Transgenic neuronal expression of proopiomelanocortin attenuates hyperphagic response to fasting and reverses metabolic impairments in leptin-deficient obese mice. *Diabetes*, **2003**, 52, 2675-83	0.9	71
209	Protein kinase C anchoring deficit in postmortem brains of Alzheimer's disease patients. *Experimental Neurology*, **1999**, 159, 559-64	5.7	69
208	Potential Novel Role of COVID-19 in Alzheimer's Disease and Preventative Mitigation Strategies. *Journal of Alzheimer's Disease*, **2020**, 76, 21-25	4.3	64
207	SCFFbx2-E3-ligase-mediated degradation of BACE1 attenuates Alzheimer's disease amyloidosis and improves synaptic function. *Aging Cell*, **2010**, 9, 1018-31	9.9	64
206	Neuroprotective and metabolic effects of resveratrol: therapeutic implications for Huntington's disease and other neurodegenerative disorders. *Experimental Neurology*, **2011**, 232, 1-6	5.7	63
205	Grape seed polyphenolic extract as a potential novel therapeutic agent in tauopathies. *Journal of Alzheimer's Disease*, **2009**, 16, 433-9	4.3	63
204	The role of Sirt1: at the crossroad between promotion of longevity and protection against Alzheimer's disease neuropathology. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2010**, 1804, 1690-4	4	62

203	Survey of polyphenol constituents in grapes and grape-derived products. *Journal of Agricultural and Food Chemistry*, **2011**, 59, 10586-93	5.7	58
202	Glycoprotein 330/megalin (LRP-2) has low prevalence as mRNA and protein in brain microvessels and choroid plexus. *Experimental Neurology*, **1999**, 157, 194-201	5.7	58
201	Association Between Preoperative Malnutrition and Postoperative Delirium After Hip Fracture Surgery in Older Adults. *Journal of the American Geriatrics Society*, **2017**, 65, 1222-1228	5.6	57
200	Ultrastructural alterations of Alzheimer's disease paired helical filaments by grape seed-derived polyphenols. *Neurobiology of Aging*, **2012**, 33, 1427-39	5.6	57
199	Induction of cyclooxygenase (COX)-2 but not COX-1 gene expression in apoptotic cell death. *Journal of Neuroimmunology*, **1998**, 89, 142-9	3.5	55
198	Sulfated glycoprotein-2 (SGP-2) mRNA is expressed in rat striatal astrocytes following ibotenic acid lesions. *Neuroscience Letters*, **1991**, 130, 1-4	3.3	54
197	Novel role of red wine-derived polyphenols in the prevention of Alzheimer's disease dementia and brain pathology: experimental approaches and clinical implications. *Planta Medica*, **2012**, 78, 1614-9	3.1	52
196	Identification of antihypertensive drugs which inhibit amyloid-beta protein oligomerization. *Journal of Alzheimer's Disease*, **2009**, 16, 49-57	4.3	51
195	Cyclooxygenase and Alzheimer's disease: implications for preventive initiatives to slow the progression of clinical dementia. *Archives of Gerontology and Geriatrics*, **2001**, 33, 13-28	4	51
194	nELAV proteins alteration in Alzheimer's disease brain: a novel putative target for amyloid-beta reverberating on AbetaPP processing. *Journal of Alzheimer's Disease*, **2009**, 16, 409-19	4.3	50
193	S100A7, a novel Alzheimer's disease biomarker with non-amyloidogenic alpha-secretase activity acts via selective promotion of ADAM-10. *PLoS ONE*, **2009**, 4, e4183	3.7	49
192	The Role of the Gut Microbiota in the Metabolism of Polyphenols as Characterized by Gnotobiotic Mice. *Journal of Alzheimer's Disease*, **2018**, 63, 409-421	4.3	47
191	GSPE interferes with tau aggregation in vivo: implication for treating tauopathy. *Neurobiology of Aging*, **2012**, 33, 2072-81	5.6	47
190	Complement anaphylatoxin C5a neuroprotects through regulation of glutamate receptor subunit 2 in vitro and in vivo. *Journal of Neuroinflammation*, **2008**, 5, 5	10.1	46
189	Tyrosine hydroxylase mRNA concentration in midbrain dopaminergic neurons is differentially regulated by reserpine. *Journal of Neurochemistry*, **1990**, 55, 1793-9	6	46
188	Shared genetic etiology underlying Alzheimer's disease and type 2 diabetes. *Molecular Aspects of Medicine*, **2015**, 43-44, 66-76	16.7	42
187	Principles of inflammasome priming and inhibition: Implications for psychiatric disorders. *Brain, Behavior, and Immunity*, **2018**, 73, 66-84	16.6	42
186	Cocoa extracts reduce oligomerization of amyloid-β: implications for cognitive improvement in Alzheimer's disease. *Journal of Alzheimer's Disease*, **2014**, 41, 643-50	4.3	42

185	Grape seed polyphenolic extract specifically decreases a□56 in the brains of Tg2576 mice. *Journal of Alzheimer's Disease*, **2011**, 26, 657-66	4.3	42
184	Dietary supplementation with decaffeinated green coffee improves diet-induced insulin resistance and brain energy metabolism in mice. *Nutritional Neuroscience*, **2012**, 15, 37-45	3.6	42
183	Vgf is a novel biomarker associated with muscle weakness in amyotrophic lateral sclerosis (ALS), with a potential role in disease pathogenesis. *International Journal of Medical Sciences*, **2008**, 5, 92-9	3.7	42
182	The gut microbiota composition affects dietary polyphenols-mediated cognitive resilience in mice by modulating the bioavailability of phenolic acids. *Scientific Reports*, **2019**, 9, 3546	4.9	39
181	Glial gene expression during aging in rat striatum and in long-term responses to 6-OHDA lesions. *Synapse*, **1999**, 31, 278-84	2.4	39
180	Epigenetic mechanisms linking diabetes and synaptic impairments. *Diabetes*, **2014**, 63, 645-54	0.9	38
179	From proteomics to biomarker discovery in Alzheimer's disease. *Brain Research Reviews*, **2005**, 48, 360-9		37
178	Heterogeneity in gut microbiota drive polyphenol metabolism that influences □synuclein misfolding and toxicity. *Journal of Nutritional Biochemistry*, **2019**, 64, 170-181	6.3	37
177	Diffuse Disconnectivity in tBi: a resting state fMri anD Dti stuDy. *Translational Neuroscience*, **2012**, 3, 9-14	1.2	35
176	Decreased level of olfactory receptors in blood cells following traumatic brain injury and potential association with tauopathy. *Journal of Alzheimer's Disease*, **2013**, 34, 417-429	4.3	35
175	Carvedilol as a potential novel agent for the treatment of Alzheimer's disease. *Neurobiology of Aging*, **2011**, 32, 2321.e1-12	5.6	34
174	Dietary composition modulates brain mass and solubilizable Abeta levels in a mouse model of aggressive Alzheimer's amyloid pathology. *Molecular Neurodegeneration*, **2009**, 4, 40	19	34
173	Disappearance of GAD-mRNA and tyrosine hydroxylase in substantia nigra following striatal ibotenic acid lesions: evidence for transneuronal regression. *Experimental Neurology*, **1991**, 112, 131-9	5.7	34
172	Childhood and adolescent obesity and long-term cognitive consequences during aging. *Journal of Comparative Neurology*, **2015**, 523, 757-68	3.4	33
171	Caloric intake and Alzheimer's disease. Experimental approaches and therapeutic implications. *Interdisciplinary Topics in Gerontology*, **2007**, 35, 159-75		33
170	Connective tissue growth factor (CTGF) expression in the brain is a downstream effector of insulin resistance- associated promotion of Alzheimer's disease beta-amyloid neuropathology. *FASEB Journal*, **2005**, 19, 2081-2	0.9	33
169	Novel application of brain-targeting polyphenol compounds in sleep deprivation-induced cognitive dysfunction. *Neurochemistry International*, **2015**, 89, 191-7	4.4	31
168	The Gut Microbiota Links Dietary Polyphenols With Management of Psychiatric Mood Disorders. *Frontiers in Neuroscience*, **2019**, 13, 1196	5.1	31

167	IVIG immunotherapy protects against synaptic dysfunction in Alzheimer's disease through complement anaphylatoxin C5a-mediated AMPA-CREB-C/EBP signaling pathway. *Molecular Immunology*, **2013**, 56, 619-29	4.3	31
166	Elevated plasma MCP-1 concentration following traumatic brain injury as a potential "predisposition" factor associated with an increased risk for subsequent development of Alzheimer's disease. *Journal of Alzheimer's Disease*, **2012**, 31, 301-13	4.3	31
165	Chemical investigation of commercial grape seed derived products to assess quality and detect adulteration. *Food Chemistry*, **2015**, 170, 271-80	8.5	30
164	Role of standardized grape polyphenol preparation as a novel treatment to improve synaptic plasticity through attenuation of features of metabolic syndrome in a mouse model. *Molecular Nutrition and Food Research*, **2013**, 57, 2091-102	5.9	30
163	The granin VGF promotes genesis of secretory vesicles, and regulates circulating catecholamine levels and blood pressure. *FASEB Journal*, **2014**, 28, 2120-33	0.9	30
162	Combined in situ hybridization and immunocytochemistry in the assay of pharmacological effects on tyrosine hydroxylase mRNA concentration. *Pharmacological Research*, **1989**, 21, 299-311	10.2	30
161	Influence of diabetes on plasma pharmacokinetics and brain bioavailability of grape polyphenols and their phase II metabolites in the Zucker diabetic fatty rat. *Molecular Nutrition and Food Research*, **2017**, 61, 1700111	5.9	29
160	Expression of complement C1qB and C4 mRNAs during rat brain development. *Developmental Brain Research*, **1994**, 80, 163-74		29
159	The effect of obesity and repeated exposure on pharmacokinetic response to grape polyphenols in humans. *Molecular Nutrition and Food Research*, **2017**, 61, 1700043	5.9	28
158	Polyphenolic compounds for treating neurodegenerative disorders involving protein misfolding. *Expert Review of Proteomics*, **2010**, 7, 579-89	4.2	28
157	POTENTIAL APPLICATION OF GRAPE DERIVED POLYPHENOLS IN HUNTINGTON'S DISEASE. *Translational Neuroscience*, **2010**, 1, 95-100	1.2	28
156	Glucocorticoids in Alzheimer's disease. The story so far. *Drugs and Aging*, **1998**, 12, 1-6	4.7	28
155	Alzheimer's disease biomarker discovery in symptomatic and asymptomatic patients: experimental approaches and future clinical applications. *Experimental Gerontology*, **2010**, 45, 15-22	4.5	27
154	Gene expression profiling of the tau mutant (P301L) transgenic mouse brain. *Neuroscience Letters*, **2001**, 310, 1-4	3.3	27
153	Quantification of anthocyanidins in the grapes and grape juice products with acid assisted hydrolysis using LC/MS. *Journal of Functional Foods*, **2012**, 4, 710-717	5.1	26
152	Role of grape seed polyphenols in Alzheimer's disease neuropathology. *Nutrition and Dietary Supplements*, **2010**, 2010, 97-103	1.2	26
151	Carvedilol reestablishes long-term potentiation in a mouse model of Alzheimer's disease. *Journal of Alzheimer's Disease*, **2010**, 21, 649-54	4.3	26
150	Complement and glutamate neurotoxicity. Genotypic influences of C5 in a mouse model of hippocampal neurodegeneration. *Molecular and Chemical Neuropathology*, **1997**, 31, 289-300		26

149	Expression profile of genes associated with antimetastatic gene: nm23-mediated metastasis inhibition in breast carcinoma cells. *International Journal of Cancer*, **2004**, 109, 65-70	7.5	25
148	Select non-coding RNA in blood components provide novel clinically accessible biological surrogates for improved identification of traumatic brain injury in OEF/OIF Veterans. *American Journal of Neurodegenerative Disease*, **2012**, 1, 88-98	2.5	25
147	Development of a grape seed polyphenolic extract with anti-oligomeric activity as a novel treatment in progressive supranuclear palsy and other tauopathies. *Journal of Neurochemistry*, **2010**, 114, 1557-68	6	24
146	Induction of the complement component C1qB in brain of transgenic mice with neuronal overexpression of human cyclooxygenase-2. *Acta Neuropathologica*, **2002**, 103, 157-62	14.3	24
145	Preclinical study of dimebon on β-amyloid-mediated neuropathology in Alzheimer's disease. *Molecular Neurodegeneration*, **2011**, 6, 7	19	23
144	DEEP BRAIN STIMULATION IN MIDLINE THALAMIC REGION FACILITATES SYNAPTIC TRANSMISSION AND SHORTTERM MEMORY IN A MOUSE MODEL OF ALZHEIMER'S DISEASE. *Translational Neuroscience*, **2010**, 1, 188-194	1.2	23
143	Increased neuronal injury in transgenic mice with neuronal overexpression of human cyclooxygenase-2 is reversed by hypothermia and rofecoxib treatment. *Current Neurovascular Research*, **2007**, 4, 274-9	1.8	23
142	Suppression of Presymptomatic Oxidative Stress and Inflammation in Neurodegeneration by Grape-Derived Polyphenols. *Frontiers in Pharmacology*, **2018**, 9, 867	5.6	22
141	Elevated plasma neopterin levels in Alzheimer disease. *Alzheimer Disease and Associated Disorders*, **2000**, 14, 228-30	2.5	22
140	Glucuronidated Flavonoids in Neurological Protection: Structural Analysis and Approaches for Chemical and Biological Synthesis. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 7607-7623	5.7	21
139	Inhibiting amyloid β protein assembly: Size-activity relationships among grape seed-derived polyphenols. *Journal of Neurochemistry*, **2015**, 135, 416-30	6	21
138	Synthesis and quantitative analysis of plasma-targeted metabolites of catechin and epicatechin. *Journal of Agricultural and Food Chemistry*, **2015**, 63, 2233-40	5.7	21
137	Enzymatic synthesis of substituted epicatechins for bioactivity studies in neurological disorders. *Biochemical and Biophysical Research Communications*, **2012**, 417, 457-61	3.4	21
136	Unintended effects of cardiovascular drugs on the pathogenesis of Alzheimer's disease. *PLoS ONE*, **2013**, 8, e65232	3.7	21
135	Microbiota metabolites modulate the T helper 17 to regulatory T cell (Th17/Treg) imbalance promoting resilience to stress-induced anxiety- and depressive-like behaviors. *Brain, Behavior, and Immunity*, **2021**, 91, 350-368	16.6	19
134	Investigation of nebivolol as a novel therapeutic agent for the treatment of Alzheimer's disease. *Journal of Alzheimer's Disease*, **2013**, 33, 1147-56	4.3	18
133	Is there a future for cyclo-oxygenase inhibitors in Alzheimer's disease?. *CNS Drugs*, **2006**, 20, 85-98	6.7	18
132	Sirtuins as therapeutic targets of ALS. *Cell Research*, **2013**, 23, 1073-4	24.7	17

131	Recommendations for Development of New Standardized Forms of Cocoa Breeds and Cocoa Extract Processing for the Prevention of Alzheimer's Disease: Role of Cocoa in Promotion of Cognitive Resilience and Healthy Brain Aging. *Journal of Alzheimer's Disease*, **2015**, 48, 879-89	4.3	17
130	Mitochondrial bioenergetics is defective in presymptomatic Tg2576 AD mice. *Translational Neuroscience*, **2011**, 2,	1.2	17
129	Selective brain penetrable Nurr1 transactivator for treating Parkinson's disease. *Oncotarget*, **2016**, 7, 7469-79	3.3	17
128	The NLRP3 Inflammasome as a Critical Actor in the Inflammaging Process. *Cells*, **2020**, 9,	7.9	16
127	Recommendations for Development of Botanical Polyphenols as "Natural Drugs" for Promotion of Resilience Against Stress-Induced Depression and Cognitive Impairment. *NeuroMolecular Medicine*, **2016**, 18, 487-95	4.6	16
126	Tyrosine hydroxylase mRNA expression by dopaminergic neurons in culture: effect of 1-methyl-4-phenylpyridinium treatment. *Journal of Neurochemistry*, **1991**, 57, 527-32	6	16
125	The dichotomous role of the gut microbiome in exacerbating and ameliorating neurodegenerative disorders. *Expert Review of Neurotherapeutics*, **2020**, 20, 673-686	4.3	15
124	HLA-DR4 influences glial activity in Alzheimer's disease hippocampus. *Journal of the Neurological Sciences*, **1998**, 161, 66-9	3.2	15
123	Mechanisms of Immune Activation by Expansions in Amyotrophic Lateral Sclerosis and Frontotemporal Dementia. *Frontiers in Neuroscience*, **2019**, 13, 1298	5.1	15
122	Biomarkers of Resilience in Stress Reduction for Caregivers of Alzheimer's Patients. *NeuroMolecular Medicine*, **2016**, 18, 177-89	4.6	14
121	Dietary polyphenols promote resilience against sleep deprivation-induced cognitive impairment by activating protein translation. *FASEB Journal*, **2018**, 32, 5390-5404	0.9	14
120	Personalized medicine in traumatic brain injury. *Psychiatric Clinics of North America*, **2010**, 33, 905-13	3.1	14
119	Development and validation of an ultra-high performance liquid chromatography/triple quadrupole mass spectrometry method for analyzing microbial-derived grape polyphenol metabolites. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2018**, 1099, 34-45	3.2	14
118	Polyphenolic Compounds Alter Stress-Induced Patterns of Global DNA Methylation in Brain and Blood. *Molecular Nutrition and Food Research*, **2018**, 62, e1700722	5.9	13
117	Insulin receptor expression and activity in the brains of nondiabetic sporadic Alzheimer's disease cases. *International Journal of Alzheimer's Disease*, **2012**, 2012, 321280	3.7	13
116	Identification of G-protein coupled receptor kinase 2 in paired helical filaments and neurofibrillary tangles. *Journal of Neuropathology and Experimental Neurology*, **2006**, 65, 1157-69	3.1	13
115	Endoscopic retrograde cholangiopancreatography in the elderly: results of a retrospective study and a geriatricians' point of view. *BMC Gastroenterology*, **2018**, 18, 38	3	12
114	Gut microbiota mediated allostasis prevents stress-induced neuroinflammatory risk factors of Alzheimer's disease. *Progress in Molecular Biology and Translational Science*, **2019**, 168, 147-181	4	12

113	The science of cocoa flavanols: bioavailability, emerging evidence, and proposed mechanisms. *Advances in Nutrition*, **2014**, 5, 547-9	10	12
112	Cyclooxygenase as a target for the antiamyloidogenic activities of nonsteroidal anti-inflammatory drugs in Alzheimer's disease. *NeuroSignals*, **2002**, 11, 293-7	1.9	12
111	An Extract of L. Promotes Psychological Resilience in a Mouse Model of Depression. *Oxidative Medicine and Cellular Longevity*, **2018**, 2018, 7418681	6.7	11
110	Gut Microbiome-Modified Polyphenolic Compounds Inhibit -Synuclein Seeding and Spreading in -Synucleinopathies. *Frontiers in Neuroscience*, **2020**, 14, 398	5.1	10
109	Investigation of Potential Brain Microbiome in Alzheimer's Disease: Implications of Study Bias. *Journal of Alzheimer's Disease*, **2020**, 75, 559-570	4.3	10
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6	O1-04-01: Repurposing a Drug for Treatment of Prostate Cancer for Prevention of Dementia in Parkinson's Disease **2016**, 12, P179-P180	

List of Publications

5	Changes in polyphenol serum levels and cognitive performance after dietary supplementation with Concord grape juice in veterans with Gulf War Illness. *Life Sciences*, **2021**, 292, 119797	6.8
4	COVID-19 and Alzheimer's disease: Meninges-mediated neuropathology.. *Alzheimer's and Dementia*, **2021**, 17 Suppl 3, e056418	1.2
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