Giuseppe Verdile

List of Publications by Citations

98 papers	3,471 citations	33 h-index	57 g-index
116 ext. papers	4,047 ext. citations	5.5 avg, IF	4.98 L-index

#	Paper	IF	Citations
98	Inflammation and Oxidative Stress: The Molecular Connectivity between Insulin Resistance, Obesity, and Alzheimer's Disease. *Mediators of Inflammation*, **2015**, 2015, 105828	4.3	263
97	Clearance mechanisms of Alzheimer's amyloid-beta peptide: implications for therapeutic design and diagnostic tests. *Molecular Psychiatry*, **2009**, 14, 469-86	15.1	179
96	Cholesterol metabolism and transport in the pathogenesis of Alzheimer's disease. *Journal of Neurochemistry*, **2009**, 111, 1275-308	6	165
95	The role of type 2 diabetes in neurodegeneration. *Neurobiology of Disease*, **2015**, 84, 22-38	7.5	163
94	Examining the potential clinical value of curcumin in the prevention and diagnosis of Alzheimer's disease. *British Journal of Nutrition*, **2016**, 115, 449-65	3.6	149
93	The role of beta amyloid in Alzheimer's disease: still a cause of everything or the only one who got caught?. *Pharmacological Research*, **2004**, 50, 397-409	10.2	136
92	Luteinizing hormone, a reproductive regulator that modulates the processing of amyloid-beta precursor protein and amyloid-beta deposition. *Journal of Biological Chemistry*, **2004**, 279, 20539-45	5.4	131
91	Cognition and beta-amyloid in preclinical Alzheimer's disease: data from the AIBL study. *Neuropsychologia*, **2011**, 49, 2384-90	3.2	126
90	Regular care and maintenance of a zebrafish (Danio rerio) laboratory: an introduction. *Journal of Visualized Experiments*, **2012**, e4196	1.6	114
89	The Link between Type 2 Diabetes and Neurodegeneration: Roles for Amyloid-β, Amylin, and Tau Proteins. *Journal of Alzheimer's Disease*, **2017**, 59, 421-432	4.3	108
88	Latrepirdine improves cognition and arrests progression of neuropathology in an Alzheimer's mouse model. *Molecular Psychiatry*, **2013**, 18, 889-97	15.1	84
87	Associations between gonadotropins, testosterone and β amyloid in men at risk of Alzheimer's disease. *Molecular Psychiatry*, **2014**, 19, 69-75	15.1	83
86	Evaluation of color preference in zebrafish for learning and memory. *Journal of Alzheimer's Disease*, **2012**, 28, 459-69	4.3	77
85	Enhancing Cognitive Functioning in Healthly Older Adults: a Systematic Review of the Clinical Significance of Commercially Available Computerized Cognitive Training in Preventing Cognitive Decline. *Neuropsychology Review*, **2017**, 27, 62-80	7.7	72
84	Amyloid-beta-induced toxicity of primary neurons is dependent upon differentiation-associated increases in tau and cyclin-dependent kinase 5 expression. *Journal of Neurochemistry*, **2004**, 88, 554-63	6	66
83	Plasma Abeta42 correlates positively with increased body fat in healthy individuals. *Journal of Alzheimer's Disease*, **2005**, 8, 269-82	4.3	63
82	Amyloid-β and islet amyloid pathologies link Alzheimer's disease and type 2 diabetes in a transgenic model. *FASEB Journal*, **2017**, 31, 5409-5418	0.9	59

81	Latrepirdine (dimebon) enhances autophagy and reduces intracellular GFP-A□2 levels in yeast. *Journal of Alzheimer□s Disease*, **2012**, 32, 949-67	4.3	59
80	Latrepirdine stimulates autophagy and reduces accumulation of □-synuclein in cells and in mouse brain. *Molecular Psychiatry*, **2013**, 18, 882-8	15.1	58
79	Alzheimer's Disease: A Journey from Amyloid Peptides and Oxidative Stress, to Biomarker Technologies and Disease Prevention Strategies-Gains from AIBL and DIAN Cohort Studies. *Journal of Alzheimer□s Disease*, **2018**, 62, 965-992	4.3	57
78	Latrepirdine: molecular mechanisms underlying potential therapeutic roles in Alzheimer's and other neurodegenerative diseases. *Translational Psychiatry*, **2013**, 3, e332	8.6	49
77	A combination of physical activity and computerized brain training improves verbal memory and increases cerebral glucose metabolism in the elderly. *Translational Psychiatry*, **2014**, 4, e487	8.6	49
76	The role of presenilin and its interacting proteins in the biogenesis of Alzheimer's beta amyloid. *Neurochemical Research*, **2007**, 32, 609-23	4.6	47
75	The structure and function of Alzheimer's gamma secretase enzyme complex. *Critical Reviews in Clinical Laboratory Sciences*, **2009**, 46, 282-301	9.4	45
74	Gonadotropins and cognition in older women. *Journal of Alzheimer□s Disease*, **2008**, 13, 267-74	4.3	43
73	The Effects of Testosterone Supplementation on Cognitive Functioning in Older Men. *CNS and Neurological Disorders - Drug Targets*, **2016**, 15, 337-43	2.6	43
72	Reproductive hormones modulate oxidative stress in Alzheimer's disease. *Antioxidants and Redox Signaling*, **2006**, 8, 2047-59	8.4	41
71	Differential, dominant activation and inhibition of Notch signalling and APP cleavage by truncations of PSEN1 in human disease. *Human Molecular Genetics*, **2014**, 23, 602-17	5.6	40
70	Interference with splicing of Presenilin transcripts has potent dominant negative effects on Presenilin activity. *Human Molecular Genetics*, **2008**, 17, 402-12	5.6	40
69	Insulin resistance is associated with reductions in specific cognitive domains and increases in CSF tau in cognitively normal adults. *Scientific Reports*, **2017**, 7, 9766	4.9	38
68	Luteinizing hormone levels are positively correlated with plasma amyloid-beta protein levels in elderly men. *Journal of Alzheimer□s Disease*, **2008**, 14, 201-8	4.3	38
67	Zebrafish as a tool in Alzheimer's disease research. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2011**, 1812, 346-52	6.9	37
66	Independent and cooperative action of Psen2 with Psen1 in zebrafish embryos. *Experimental Cell Research*, **2009**, 315, 2791-801	4.2	36
65	Effect of chronic hCG administration on Alzheimer's-related cognition and A beta accumulation in PS1KI mice. *Endocrinology*, **2010**, 151, 5380-8	4.8	31
64	Inhibiting amyloid precursor protein C-terminal cleavage promotes an interaction with presenilin 1. *Journal of Biological Chemistry*, **2000**, 275, 20794-8	5.4	31

63	Immunization in Alzheimer's disease: naïve hope or realistic clinical potential?. *Molecular Psychiatry*, **2009**, 14, 239-51	15.1	30
62	Evidence For and Against a Pathogenic Role of Reduced β-Secretase Activity in Familial Alzheimer's Disease. *Journal of Alzheimer's Disease*, **2016**, 52, 781-99	4.3	29
61	The Guinea Pig as a Model for Sporadic Alzheimer's Disease (AD): The Impact of Cholesterol Intake on Expression of AD-Related Genes. *PLoS ONE*, **2013**, 8, e66235	3.7	28
60	Cerebral amyloid-β accumulation and deposition following traumatic brain injury--A narrative review and meta-analysis of animal studies. *Neuroscience and Biobehavioral Reviews*, **2016**, 64, 215-28	9	25
59	Dysregulation of Neuronal Iron Homeostasis as an Alternative Unifying Effect of Mutations Causing Familial Alzheimer's Disease. *Frontiers in Neuroscience*, **2018**, 12, 533	5.1	25
58	Distinct effects of testosterone on plasma and cerebrospinal fluid amyloid-beta levels. *Journal of Alzheimer's Disease*, **2008**, 15, 129-37	4.3	25
57	Alzheimer's disease-related peptide PS2V plays ancient, conserved roles in suppression of the unfolded protein response under hypoxia and stimulation of β-secretase activity. *Human Molecular Genetics*, **2015**, 24, 3662-78	5.6	24
56	Effects of a high-fat, high-cholesterol diet on brain lipid profiles in apolipoprotein E ε3 and ε4 knock-in mice. *Neurobiology of Aging*, **2013**, 34, 2217-24	5.6	23
55	The role of gonadotropins in Alzheimer's disease: potential neurodegenerative mechanisms. *Endocrine*, **2006**, 29, 257-69		23
54	Multiple Mechanisms Linking Type 2 Diabetes and Alzheimer's Disease: Testosterone as a Modifier. *Journal of Alzheimer's Disease*, **2017**, 59, 445-466	4.3	22
53	KIBRA is associated with accelerated cognitive decline and hippocampal atrophy in APOE ε4-positive cognitively normal adults with high Aβ amyloid burden. *Scientific Reports*, **2018**, 8, 2034	4.9	21
52	Association of alleles carried at TNFA -850 and BAT1 -22 with Alzheimer's disease. *Journal of Neuroinflammation*, **2008**, 5, 36	10.1	20
51	Klotho allele status is not associated with Aβ and APOE ε4-related cognitive decline in preclinical Alzheimer's disease. *Neurobiology of Aging*, **2019**, 76, 162-165	5.6	19
50	Direct exposure of guinea pig CNS to human luteinizing hormone increases cerebrospinal fluid and cerebral beta amyloid levels. *Neuroendocrinology*, **2011**, 94, 313-22	5.6	19
49	Cerebral Glucose Metabolism is Associated with Verbal but not Visual Memory Performance in Community-Dwelling Older Adults. *Journal of Alzheimer's Disease*, **2016**, 52, 661-72	4.3	19
48	The impact of luteinizing hormone and testosterone on beta amyloid (Aβ) accumulation: Animal and human clinical studies. *Hormones and Behavior*, **2015**, 76, 81-90	3.7	18
47	A zebrafish melanophore model of amyloid beta toxicity. *Zebrafish*, **2010**, 7, 155-9	2	18
46	Amylin and beta amyloid proteins interact to form amorphous heterocomplexes with enhanced toxicity in neuronal cells. *Scientific Reports*, **2020**, 10, 10356	4.9	17

45	The dynamics of CD147 in Alzheimer's disease development and pathology. *Journal of Alzheimer's Disease*, **2011**, 26, 593-605	4.3	16
44	Testosterone replacement therapy in older male subjective memory complainers: double-blind randomized crossover placebo-controlled clinical trial of physiological assessment and safety. *CNS and Neurological Disorders - Drug Targets*, **2015**, 14, 576-86	2.6	16
43	Utility of an Alzheimer's Disease Risk-Weighted Polygenic Risk Score for Predicting Rates of Cognitive Decline in Preclinical Alzheimer's Disease: A Prospective Longitudinal Study. *Journal of Alzheimer's Disease*, **2018**, 66, 1193-1211	4.3	16
42	Targeting Inflammatory Pathways in Alzheimer's Disease: A Focus on Natural Products and Phytomedicines. *CNS Drugs*, **2019**, 33, 457-480	6.7	15
41	Clearing the amyloid in Alzheimer's: progress towards earlier diagnosis and effective treatments - an update for clinicians. *Neurodegenerative Disease Management*, **2014**, 4, 363-78	2.8	15
40	Ovariectomy and 17beta-estradiol replacement do not alter beta-amyloid levels in sheep brain. *Endocrinology*, **2009**, 150, 3228-36	4.8	15
39	Hypoxia alters expression of zebrafish microtubule-associated protein tau (mapta, maptb) gene transcripts. *BMC Research Notes*, **2014**, 7, 767	2.3	14
38	Research criteria for the diagnosis of Alzheimer's disease: genetic risk factors, blood biomarkers and olfactory dysfunction. *International Psychogeriatrics*, **2008**, 20, 853-5	3.4	13
37	Novel phage peptides attenuate beta amyloid-42 catalysed hydrogen peroxide production and associated neurotoxicity. *Neurobiology of Aging*, **2010**, 31, 203-14	5.6	12
36	Validation and Characterization of a Novel Peptide That Binds Monomeric and Aggregated Amyloid and Inhibits the Formation of Neurotoxic Oligomers. *Journal of Biological Chemistry*, **2016**, 291, 547-59	5.4	11
35	A Polygenic Risk Score Derived From Episodic Memory Weighted Genetic Variants Is Associated With Cognitive Decline in Preclinical Alzheimer's Disease. *Frontiers in Aging Neuroscience*, **2018**, 10, 423	5.3	11
34	Increased Carbohydrate Intake is Associated with Poorer Performance in Verbal Memory and Attention in an APOE Genotype-Dependent Manner. *Journal of Alzheimer's Disease*, **2017**, 58, 193-201	4.3	9
33	Animal Models of Alzheimer Disease **2017**, 1031-1085		9
32	Cognitive gene risk profile for the prediction of cognitive decline in presymptomatic Alzheimer disease. *Personalized Medicine in Psychiatry*, **2018**, 7-8, 14-20	1.1	8
31	Chronic stress and Alzheimer's disease: the interplay between the hypothalamic-pituitary-adrenal axis, genetics and microglia. *Biological Reviews*, **2021**, 96, 2209-2228	13.5	8
30	The Effects of Latrepirdine on Amyloid- Aggregation and Toxicity. *Journal of Alzheimer's Disease*, **2016**, 50, 895-905	4.3	7
29	Are Heat Shock Proteins an Important Link between Type 2 Diabetes and Alzheimer Disease?. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	5
28	val158met is not associated with A amyloid and related cognitive decline in cognitively normal older adults. *IBRO Reports*, **2019**, 6, 147-152	2	4

27	Inflammation in Alzheimer's Disease, and Prevention with Antioxidants and Phenolic Compounds What Are the Most Promising Candidates? **2019**, 233-266		4
26	Alzheimer amyloid precursor aspartyl proteinase activity in CHAPSO homogenates of Spodoptera frugiperda cells. *Alzheimer Disease and Associated Disorders*, **2004**, 18, 261-3	2.5	4
25	Targeting Mitophagy in Alzheimer's Disease. *Journal of Alzheimer's Disease*, **2020**, 78, 1273-1297	4.3	3
24	New lexicon and criteria for the diagnosis of Alzheimer's disease. *Lancet Neurology, The*, **2011**, 10, 299-300; author reply 300-1	24.1	3
23	Gonadotropins: potential targets for preventive and therapeutic interventions in Alzheimer's disease. *Future Neurology*, **2006**, 1, 189-202	1.5	3
22	Plasma High Density Lipoprotein Small Subclass is Reduced in Alzheimer's Disease Patients and Correlates with Cognitive Performance. *Journal of Alzheimer's Disease*, **2020**, 77, 733-744	4.3	3
21	Efficient production of a mature and functional gamma secretase protease. *Scientific Reports*, **2018**, 8, 12834	4.9	3
20	A Synergistic Combination of DHA, Luteolin, and Urolithin A Against Alzheimer's Disease.. *Frontiers in Aging Neuroscience*, **2022**, 14, 780602	5.3	3
19	Amla Therapy as a Potential Modulator of Alzheimer's Disease Risk Factors and Physiological Change. *Journal of Alzheimer's Disease*, **2020**, 74, 713-733	4.3	2
18	Therapeutic Potential of Mitophagy-Inducing Microflora Metabolite, Urolithin A for Alzheimer's Disease. *Nutrients*, **2021**, 13,	6.7	2
17	P3-106: GENETIC ANALYSIS OF THE STEROIDOGENESIS PATHWAY: ASSOCIATIONS WITH ALZHEIMER'S DISEASE RISK AND RELATED PHENOTYPES **2014**, 10, P667-P667		1
16	Is Associated with Amyloid- and -Related Cognitive Decline in Cognitively Normal Adults. *Journal of Alzheimer's Disease Reports*, **2021**, 5, 111-120	3.3	1
15	Predicting memory decline as a risk factor for Alzheimer's disease in older post-menopausal women: quod erat demonstrandum?. *International Psychogeriatrics*, **2010**, 22, 332-5	3.4	0
14	Molecular Genetics of Alzheimer's Disease. *Nucleic Acids and Molecular Biology*, **2009**, 229-276		0
13	OTUD4 enhances TGF signalling through regulation of the TGF receptor complex. *Scientific Reports*, **2020**, 10, 15725	4.9	0
12	Relevance of a Truncated PRESENILIN 2 Transcript to Alzheimer's Disease and Neurodegeneration. *Journal of Alzheimer's Disease*, **2021**, 80, 1479-1489	4.3	0
11	Mitoprotective Effects of a Synergistic Nutraceutical Combination: Basis for a Prevention Strategy Against Alzheimer's Disease.. *Frontiers in Aging Neuroscience*, **2021**, 13, 781468	5.3	0
10	Insulin resistance, cognition and Alzheimer's disease biomarkers: Evidence that CSF A42 moderates the association between insulin resistance and increased CSF tau levels.. *Neurobiology of Aging*, **2022**, 114, 38-48	5.6	0

List of Publications

9 Hormonal Expression Associated with Alzheimer's Disease and Neurodegenerative Diseases **2019**, 335-369

8 The Link Between Diabetes, Glucose Control, and Alzheimer's Disease and Neurodegenerative Diseases **2019**, 89-115

7 P3-389: PHYSIOLOGICAL EFFECTS AND SAFETY ASSESSMENT OF TESTOSTERONE REPLACEMENT THERAPY IN OLDER MALE SUBJECTIVE MEMORY COMPLAINERS **2014**, 10, P772-P772

6 Models of Alzheimer□ Disease **2013**, 595-632

5 [P4□134]: INSULIN RESISTANCE IS ASSOCIATED WITH REDUCTIONS IN SPECIFIC COGNITIVE DOMAINS AND INCREASES IN CSF TAU IN COGNITIVELY NORMAL ADULTS **2017**, 13, P1308-P1308

4 P4-198: NOVEL TRANSLOCATOR PROTEIN (TSPO) LIGANDS FOR THE POTENTIAL TREATMENT OF ALZHEIMER'S DISEASE: A NEXT GENERATION ALTERNATIVE TO CONVENTIONAL HORMONE THERAPY **2014**, 10, P860-P861

3 P3-023: GENETIC VARIATION WITHIN GENES OF THE SPHINGOLIPID METABOLISM PATHWAY AND THEIR ASSOCIATION WITH ALZHEIMER'S DISEASE RISK AND RELATED PHENOTYPES **2014**, 10, P635-P636

2 The role of gonadotropins and testosterone in the regulation of beta-amyloid metabolism259-268

1 P4-485: SPON1 IS ASSOCIATED WITH A□AMYLOID AND APOE □4 RELATED COGNITIVE DECLINE IN COGNITIVELY NORMAL ADULTS **2019**, 15, P1498-P1498