

Giuseppe Verdile

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

4,600
citations

101543

36
h-index

106344

65
g-index

116
all docs

116
docs citations

116
times ranked

7267
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammation and Oxidative Stress: The Molecular Connectivity between Insulin Resistance, Obesity, and Alzheimer's Disease. Mediators of Inflammation, 2015, 2015, 1-17.	3.0	360
2	Cholesterol metabolism and transport in the pathogenesis of Alzheimer's disease. Journal of Neurochemistry, 2009, 111, 1275-1308.	3.9	211
3	The role of type 2 diabetes in neurodegeneration. Neurobiology of Disease, 2015, 84, 22-38.	4.4	209
4	Clearance mechanisms of Alzheimer's amyloid- β peptide: implications for therapeutic design and diagnostic tests. Molecular Psychiatry, 2009, 14, 469-486.	7.9	208
5	Regular Care and Maintenance of a Zebrafish (Danio rerio) Laboratory: An Introduction. Journal of Visualized Experiments, 2012, , e4196.	0.3	189
6	Examining the potential clinical value of curcumin in the prevention and diagnosis of Alzheimer's disease. British Journal of Nutrition, 2016, 115, 449-465.	2.3	186
7	Luteinizing Hormone, a Reproductive Regulator That Modulates the Processing of Amyloid- β Precursor Protein and Amyloid- β Deposition. Journal of Biological Chemistry, 2004, 279, 20539-20545.	3.4	154
8	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.	2.6	154
9	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.	7.1	153
10	Cognition and beta-amyloid in preclinical Alzheimer's disease: Data from the AIBL study. Neuropsychologia, 2011, 49, 2384-2390.	1.6	139
11	Enhancing Cognitive Functioning in Healthy 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.	4.9	108
12	Evaluation of Color Preference in Zebrafish for Learning and Memory. Journal of Alzheimer's Disease, 2012, 28, 459-469.	2.6	104
13	Latrepirdine improves cognition and arrests progression of neuropathology in an Alzheimer's mouse model. Molecular Psychiatry, 2013, 18, 889-897.	7.9	101
14	Associations between gonadotropins, testosterone and β amyloid in men at risk of Alzheimer's disease. Molecular Psychiatry, 2014, 19, 69-75.	7.9	98
15	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.	2.6	96
16	Amyloid- β and islet amyloid pathologies link Alzheimer's disease and type 2 diabetes in a transgenic model. FASEB Journal, 2017, 31, 5409-5418.	0.5	87
17	Amyloid- β -induced toxicity of primary neurons is dependent upon differentiation-associated increases in tau and cyclin-dependent kinase 5 expression. Journal of Neurochemistry, 2004, 88, 554-563.	3.9	77
18	Plasma A β 42 correlates positively with increased body fat in healthy individuals. Journal of Alzheimer's Disease, 2005, 8, 269-282.	2.6	73

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19	Latrepidine stimulates autophagy and reduces accumulation of β -synuclein in cells and in mouse brain. <i>Molecular Psychiatry</i> , 2013, 18, 882-888.	7.9	70
20	Latrepidine (Dimebon [®]) Enhances Autophagy and Reduces Intracellular GFP- β 42 Levels in Yeast. <i>Journal of Alzheimer's Disease</i> , 2012, 32, 949-967.	2.6	68
21	A combination of physical activity and computerized brain training improves verbal memory and increases cerebral glucose metabolism in the elderly. <i>Translational Psychiatry</i> , 2014, 4, e487-e487.	4.8	66
22	Latrepidine: molecular mechanisms underlying potential therapeutic roles in Alzheimer's and other neurodegenerative diseases. <i>Translational Psychiatry</i> , 2013, 3, e332-e332.	4.8	64
23	Zebrafish as a tool in Alzheimer's disease research. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 346-352.	3.8	60
24	The structure and function of Alzheimer's gamma secretase enzyme complex. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2009, 46, 282-301.	6.1	59
25	Insulin resistance is associated with reductions in specific cognitive domains and increases in CSF tau in cognitively normal adults. <i>Scientific Reports</i> , 2017, 7, 9766.	3.3	59
26	The Effects of Testosterone Supplementation on Cognitive Functioning in Older Men.. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016, 15, 337-343.	1.4	56
27	Gonadotropins and Cognition in Older Women. <i>Journal of Alzheimer's Disease</i> , 2008, 13, 267-274.	2.6	51
28	The Role of Presenilin and its Interacting Proteins in the Biogenesis of Alzheimer's Beta Amyloid. <i>Neurochemical Research</i> , 2007, 32, 609-623.	3.3	49
29	Interference with splicing of Presenilin transcripts has potent dominant negative effects on Presenilin activity. <i>Human Molecular Genetics</i> , 2008, 17, 402-412.	2.9	48
30	Differential, dominant activation and inhibition of Notch signalling and APP cleavage by truncations of PSEN1 in human disease. <i>Human Molecular Genetics</i> , 2014, 23, 602-617.	2.9	48
31	Independent and cooperative action of Psen2 with Psen1 in zebrafish embryos. <i>Experimental Cell Research</i> , 2009, 315, 2791-2801.	2.6	47
32	Reproductive Hormones Modulate Oxidative Stress in Alzheimer's Disease. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 2047-2059.	5.4	45
33	Luteinizing Hormone Levels Are Positively Correlated with Plasma Amyloid- β 2 Protein Levels in Elderly Men. <i>Journal of Alzheimer's Disease</i> , 2008, 14, 201-208.	2.6	44
34	Evidence For and Against a Pathogenic Role of Reduced β 3-Secretase Activity in Familial Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 781-799.	2.6	44
35	Amylin and beta amyloid proteins interact to form amorphous heterocomplexes with enhanced toxicity in neuronal cells. <i>Scientific Reports</i> , 2020, 10, 10356.	3.3	44
36	The Guinea Pig as a Model for Sporadic Alzheimer's Disease (AD): The Impact of Cholesterol Intake on Expression of AD-Related Genes. <i>PLoS ONE</i> , 2013, 8, e66235.	2.5	42

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37	Dysregulation of Neuronal Iron Homeostasis as an Alternative Unifying Effect of Mutations Causing Familial Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2018, 12, 533.	2.8	41
38	Immunization in Alzheimer's disease: naïve hope or realistic clinical potential?. <i>Molecular Psychiatry</i> , 2009, 14, 239-251.	7.9	37
39	Chronic stress and Alzheimer's disease: the interplay between the hypothalamic-pituitary-adrenal axis, genetics and microglia. <i>Biological Reviews</i> , 2021, 96, 2209-2228.	10.4	37
40	Inhibiting Amyloid Precursor Protein C-terminal Cleavage Promotes an Interaction with Presenilin 1. <i>Journal of Biological Chemistry</i> , 2000, 275, 20794-20798.	3.4	36
41	Effect of Chronic hCG Administration on Alzheimer's-Related Cognition and A β Accumulation in PS1KI Mice. <i>Endocrinology</i> , 2010, 151, 5380-5388.	2.8	36
42	Multiple Mechanisms Linking Type 2 Diabetes and Alzheimer's Disease: Testosterone as a Modifier. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 445-466.	2.6	36
43	Cerebral amyloid- β accumulation and deposition following traumatic brain injury—A narrative review and meta-analysis of animal studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 64, 215-228.	6.1	34
44	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. <i>Human Molecular Genetics</i> , 2015, 24, 3662-3678.	2.9	33
45	KIBRA is associated with accelerated cognitive decline and hippocampal atrophy in APOE ϵ 4-positive cognitively normal adults with high A β -amyloid burden. <i>Scientific Reports</i> , 2018, 8, 2034.	3.3	31
46	Effects of a high-fat, high-cholesterol diet on brain lipid profiles in apolipoprotein E ϵ 3 and ϵ 4 knock-in mice. <i>Neurobiology of Aging</i> , 2013, 34, 2217-2224.	3.1	30
47	Distinct Effects of Testosterone on Plasma and Cerebrospinal Fluid Amyloid- β Levels. <i>Journal of Alzheimer's Disease</i> , 2008, 15, 129-137.	2.6	29
48	The Role of Gonadotropins in Alzheimer's Disease: Potential Neurodegenerative Mechanisms. <i>Endocrine</i> , 2006, 29, 257-270.	2.2	28
49	Association of alleles carried at TNFA -850 and BAT1-22 with Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2008, 5, 36.	7.2	28
50	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. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 1193-1211.	2.6	27
51	Targeting Inflammatory Pathways in Alzheimer's Disease: A Focus on Natural Products and Phytomedicines. <i>CNS Drugs</i> , 2019, 33, 457-480.	5.9	27
52	The impact of luteinizing hormone and testosterone on beta amyloid (A β) accumulation: Animal and human clinical studies. <i>Hormones and Behavior</i> , 2015, 76, 81-90.	2.1	25
53	Therapeutic Potential of Mitophagy-Inducing Microflora Metabolite, Urolithin A for Alzheimer's Disease. <i>Nutrients</i> , 2021, 13, 3744.	4.1	24
54	Direct Exposure of Guinea Pig CNS to Human Luteinizing Hormone Increases Cerebrospinal Fluid and Cerebral Beta Amyloid Levels. <i>Neuroendocrinology</i> , 2011, 94, 313-322.	2.5	23

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55	Cerebral Glucose Metabolism is Associated with Verbal but not Visual Memory Performance in Community-Dwelling Older Adults. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 661-672.	2.6	23
56	Klotho allele status is not associated with A β ² and APOE ϵ 4-related cognitive decline in preclinical Alzheimer's disease. <i>Neurobiology of Aging</i> , 2019, 76, 162-165.	3.1	23
57	The Dynamics of CD147 in Alzheimer's Disease Development and Pathology. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 593-605.	2.6	22
58	A Zebrafish Melanophore Model of Amyloid β ² Toxicity. <i>Zebrafish</i> , 2010, 7, 155-159.	1.1	21
59	Clearing the amyloid in Alzheimer's: progress towards earlier diagnosis and effective treatments – an update for clinicians. <i>Neurodegenerative Disease Management</i> , 2014, 4, 363-378.	2.2	20
60	Testosterone Replacement Therapy in Older Male Subjective Memory Complainers: Double-Blind Randomized Crossover Placebo-Controlled Clinical Trial of Physiological Assessment and Safety. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 576-586.	1.4	18
61	Research criteria for the diagnosis of Alzheimer's disease: genetic risk factors, blood biomarkers and olfactory dysfunction. <i>International Psychogeriatrics</i> , 2008, 20, 853-855.	1.0	17
62	Novel phage peptides attenuate beta amyloid-42 catalysed hydrogen peroxide production and associated neurotoxicity. <i>Neurobiology of Aging</i> , 2010, 31, 203-214.	3.1	17
63	A Polygenic Risk Score Derived From Episodic Memory Weighted Genetic Variants Is Associated With Cognitive Decline in Preclinical Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 423.	3.4	16
64	Ovariectomy and 17 β -Estradiol Replacement Do Not Alter β -Amyloid Levels in Sheep Brain. <i>Endocrinology</i> , 2009, 150, 3228-3236.	2.8	15
65	Validation and Characterization of a Novel Peptide That Binds Monomeric and Aggregated β -Amyloid and Inhibits the Formation of Neurotoxic Oligomers. <i>Journal of Biological Chemistry</i> , 2016, 291, 547-559.	3.4	15
66	Hypoxia alters expression of Zebrafish Microtubule-associated protein Tau (mapta, maptb) gene transcripts. <i>BMC Research Notes</i> , 2014, 7, 767.	1.4	14
67	Cognitive gene risk profile for the prediction of cognitive decline in presymptomatic Alzheimer's disease. <i>Personalized Medicine in Psychiatry</i> , 2018, 7-8, 14-20.	0.1	13
68	Increased Carbohydrate Intake is Associated with Poorer Performance in Verbal Memory and Attention in an APOE Genotype-Dependent Manner. <i>Journal of Alzheimer's Disease</i> , 2017, 58, 193-201.	2.6	12
69	Are Heat Shock Proteins an Important Link between Type 2 Diabetes and Alzheimer Disease?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8204.	4.1	11
70	The Effects of Latrepirdine on Amyloid- β Aggregation and Toxicity. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 895-905.	2.6	10
71	Animal Models of Alzheimer's Disease. , 2017, , 1031-1085.		9
72	OTUD4 enhances TGF β ² signalling through regulation of the TGF β ² receptor complex. <i>Scientific Reports</i> , 2020, 10, 15725.	3.3	7

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73	Plasma High Density Lipoprotein Small Subclass is Reduced in Alzheimer's Disease Patients and Correlates with Cognitive Performance. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 733-744.	2.6	7
74	A Synergistic Combination of DHA, Luteolin, and Urolithin A Against Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 780602.	3.4	7
75	Targeting Mitophagy in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 1273-1297.	2.6	6
76	Efficient production of a mature and functional gamma secretase protease. <i>Scientific Reports</i> , 2018, 8, 12834.	3.3	5
77	COMT val158met is not associated with A β ² -amyloid and APOE ϵ ₄ related cognitive decline in cognitively normal older adults. <i>IBRO Reports</i> , 2019, 6, 147-152.	0.3	5
78	SPON1 Is Associated with Amyloid- β ² and APOE ϵ ₄ -Related Cognitive Decline in Cognitively Normal Adults. <i>Journal of Alzheimer's Disease Reports</i> , 2021, 5, 111-120.	2.2	5
79	Insulin resistance, cognition and Alzheimer's disease biomarkers: Evidence that CSF A β ²⁴² moderates the association between insulin resistance and increased CSF tau levels. <i>Neurobiology of Aging</i> , 2022, 114, 38-48.	3.1	5
80	New lexicon and criteria for the diagnosis of Alzheimer's disease. <i>Lancet Neurology</i> , The, 2011, 10, 299-300.	10.2	4
81	Relevance of a Truncated PRESENILIN 2 Transcript to Alzheimer's Disease and Neurodegeneration. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 1479-1489.	2.6	4
82	Alzheimer amyloid precursor aspartyl proteinase activity in CHAPSO homogenates of <i>Spodoptera frugiperda</i> cells. <i>Alzheimer Disease and Associated Disorders</i> , 2004, 18, 261-3.	1.3	4
83	Mitoprotective Effects of a Synergistic Nutraceutical Combination: Basis for a Prevention Strategy Against Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 781468.	3.4	4
84	Gonadotropins: potential targets for preventive and therapeutic interventions in Alzheimer's disease. <i>Future Neurology</i> , 2006, 1, 189-202.	0.5	3
85	Amla Therapy as a Potential Modulator of Alzheimer's Disease Risk Factors and Physiological Change. <i>Journal of Alzheimer's Disease</i> , 2020, 74, 713-733.	2.6	3
86	Evaluation of Virtual Screening Strategies for the Identification of β ³ -Secretase Inhibitors and Modulators. <i>Molecules</i> , 2022, 27, 176.	3.8	3
87	Predicting memory decline as a risk factor for Alzheimer's disease in older post-menopausal women: <i>quod erat demonstrandum</i> ?. <i>International Psychogeriatrics</i> , 2010, 22, 332-335.	1.0	2
88	P3-106: GENETIC ANALYSIS OF THE STEROIDOGENESIS PATHWAY: ASSOCIATIONS WITH ALZHEIMER'S DISEASE RISK AND RELATED PHENOTYPES. , 2014, 10, P667-P667.		1
89	Molecular Genetics of Alzheimer's Disease. <i>Nucleic Acids and Molecular Biology</i> , 2009, , 229-276.	0.2	1
90	The role of gonadotropins and testosterone in the regulation of beta-amyloid metabolism. , 2009, , 259-268.		0

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91	Diagnostic and therapeutic approaches to alzheimerâ€™s disease. Pathology, 2012, 44, S17.	0.6	0
92	Models of Alzheimerâ€™s Disease. , 2013, , 595-632.		0
93	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.		0
94	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.		0
95	P3-389: PHYSIOLOGICAL EFFECTS AND SAFETY ASSESSMENT OF TESTOSTERONE REPLACEMENT THERAPY IN OLDER MALE SUBJECTIVE MEMORY COMPLAINERS. , 2014, 10, P772-P772.		0
96	[P4â€™134]: INSULIN RESISTANCE IS ASSOCIATED WITH REDUCTIONS IN SPECIFIC COGNITIVE DOMAINS AND INCREASES IN CSF TAU IN COGNITIVELY NORMAL ADULTS. Alzheimer's and Dementia, 2017, 13, P1308.	0.8	0
97	P4â€™485: <i>SPON1</i> IS ASSOCIATED WITH AÎ²â€™AMYLOID AND <i>APOE</i> Î¼4 RELATED COGNITIVE DECLINE IN COGNITIVELY NORMAL ADULTS. Alzheimer's and Dementia, 2019, 15, P1498.	0.8	0