Tiziana Casoli

List of Publications by Year in descending order

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79 papers	1,651 citations	304368 22 h-index	329751 37 g-index
80 all docs	80 docs citations	80 times ranked	2298 citing authors

#	Article	IF	Citations
1	Platelet Total PLA₂ Activity, Serum Oxidative Level, and Plasma Cu/Zn Ratio: A Vicious Cycle with a Potential Role to Monitor MCI and Alzheimer's Disease Progression. Rejuvenation Research, 2022, 25, 16-24.	0.9	1
2	SARS-CoV-2 Morbidity in the CNS and the Aged Brain Specific Vulnerability. International Journal of Molecular Sciences, 2022, 23, 3782.	1.8	2
3	Plasma and cerebrospinal fluid ABeta42 for the differential diagnosis of Alzheimer's disease dementia in participants diagnosed with any dementia subtype in a specialist care setting. The Cochrane Library, 2021, 2021, CD010945.	1.5	15
4	Analysis of mitochondrial DNA allelic changes in Parkinsonâ€™s disease: a preliminary study. Aging Clinical and Experimental Research, 2020, 32, 345-349.	1.4	3
5	Effect of a Cognitive Training Program on the Platelet APP Ratio in Patients with Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2020, 21, 5110.	1.8	3
6	Biocomplexity and Fractality in the Search of Biomarkers of Aging and Pathology: Mitochondrial DNA Profiling of Parkinsonâ€™s Disease. International Journal of Molecular Sciences, 2020, 21, 1758.	1.8	8
7	Cerebrospinal fluid biomarkers and cognitive status in differential diagnosis of frontotemporal dementia and Alzheimerâ€™s disease. Journal of International Medical Research, 2019, 47, 4968-4980.	0.4	13
8	Diagnostic performance of new and classic CSF biomarkers in age-related dementias. Aging, 2019, 11, 2420-2429.	1.4	20
9	My Mind Project: the effects of cognitive training for elderlyâ€”the study protocol of a prospective randomized intervention study. Aging Clinical and Experimental Research, 2017, 29, 353-360.	1.4	23
10	Biocomplexity and Fractality in the Search of Biomarkers of Aging and Pathology: Focus on Mitochondrial DNA and Alzheimerâ€™s Disease. , 2017, 8, 44.		11
11	The effect of astaxanthin on the aging ratÂbrain: genderâ€related differences inÂmodulating inflammation. Journal of the Science of Food and Agriculture, 2016, 96, 615-618.	1.7	31
12	Role of diffuse low-level heteroplasmy of mitochondrial DNA in Alzheimerâ€™s disease neurodegeneration. Frontiers in Aging Neuroscience, 2015, 7, 142.	1.7	26
13	One-month strawberry-rich anthocyanin supplementation ameliorates cardiovascular risk, oxidative stress markers and platelet activation in humans. Journal of Nutritional Biochemistry, 2014, 25, 289-294.	1.9	286
14	Contribution of nonâ€reference alleles in mt <scp>DNA</scp> of Alzheimer's disease patients. Annals of Clinical and Translational Neurology, 2014, 1, 284-289.	1.7	13
15	Effect of Cognitive Training on the Expression of Brain-Derived Neurotrophic Factor in Lymphocytes of Mild Cognitive Impairment Patients. Rejuvenation Research, 2014, 17, 235-238.	0.9	12
16	Early Selective Vulnerability of Synapses and Synaptic Mitochondria in the Hippocampal CA1 Region of the Tg2576 Mouse Model of Alzheimer's Disease. Journal of Alzheimer's Disease, 2013, 34, 887-896.	1.2	42
17	Platelets in Alzheimer's Disease-Associated Cellular Senescence and Inflammation. Current Pharmaceutical Design, 2013, 19, 1727-1738.	0.9	1
18	Platelets in Alzheimerâ€™s Disease-Associated Cellular Senescence and Inflammation. Current Pharmaceutical Design, 2013, 19, 1727-1738.	0.9	12

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19	Platelets in Alzheimer's disease-associated cellular senescence and inflammation. Current Pharmaceutical Design, 2013, 19, 1727-38.	0.9	11
20	Early Impairment of Long-Term Depression in the Perirhinal Cortex of a Mouse Model of Alzheimer's Disease. Rejuvenation Research, 2012, 15, 231-234.	0.9	21
21	Dynamin binding protein gene expression and memory performance in aged rats. Neurobiology of Aging, 2012, 33, 618.e15-618.e19.	1.5	14
22	Impairments of Synaptic Plasticity in Aged Animals and in Animal Models of Alzheimer's Disease. Rejuvenation Research, 2012, 15, 235-238.	0.9	30
23	A ketogenic diet increases succinic dehydrogenase (SDH) activity and recovers age-related decrease in numeric density of SDH-positive mitochondria in cerebellar Purkinje cells of late-adult rats. Micron, 2010, 41, 143-148.	1.1	45
24	Peripheral inflammatory biomarkers of Alzheimerâ€™s disease: the role of platelets. Biogerontology, 2010, 11, 627-633.	2.0	58
25	Differences in Gene Expression in the Hippocampus of Aged Rats Are Associated with Better Long-Term Memory Performance in a Passive Avoidance Test. Rejuvenation Research, 2010, 13, 224-228.	0.9	5
26	Ketogenic diets: An historical antiepileptic therapy with promising potentialities for the aging brain. Ageing Research Reviews, 2010, 9, 273-279.	5.0	38
27	Effect of two medium chain triglyceridesâ€supplemented diets on synaptic morphology in the cerebellar cortex of lateâ€adult rats. Microscopy Research and Technique, 2009, 72, 933-938.	1.2	7
28	A Ketogenic Diet Increases Succinic Dehydrogenase Activity in Aging Cardiomyocytes. Annals of the New York Academy of Sciences, 2009, 1171, 377-384.	1.8	32
29	Neuronal Apoptosis in Alzheimer's Disease. Annals of the New York Academy of Sciences, 2009, 1171, 18-24.	1.8	16
30	Brain aging: The zinc connection. Experimental Gerontology, 2008, 43, 389-393.	1.2	24
31	Platelet as a physiological model to investigate apoptotic mechanisms in Alzheimer Î²-amyloid peptide production. Mechanisms of Ageing and Development, 2008, 129, 154-162.	2.2	24
32	Comment on â€œExpression of amyloid beta peptide in human platelets: Pivotal role of the phospholipase CÎ³2-protein kinase C pathway in platelet activationâ€•by Shen et al.. Pharmacological Research, 2008, 58, 85-85.	3.1	1
33	Ketogenic Diets Cause Opposing Changes in Synaptic Morphology in CA1 Hippocampus and Dentate Gyrus of Late-Adult Rats. Rejuvenation Research, 2008, 11, 631-640.	0.9	33
34	Selective Decline of the Metabolic Competence of Oversized Synaptic Mitochondria in the Old Monkey Cerebellum. Rejuvenation Research, 2008, 11, 387-391.	0.9	10
35	Synaptic Remodeling in Hippocampal CA1 Region of Aged Rats Correlates with Better Memory Performance in Passive Avoidance Test. Rejuvenation Research, 2008, 11, 341-348.	0.9	24
36	Decreased Presence of Perforated Synapses in a Triple-Transgenic Mouse Model of Alzheimer's Disease. Rejuvenation Research, 2008, 11, 309-313.	0.9	18

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37	Synaptic and Mitochondrial Morphometry Provides Structural Correlates of Successful Brain Aging. Annals of the New York Academy of Sciences, 2007, 1097, 51-53.	1.8	7
38	Alterations of Synaptic Turnover Rate in Aging May Trigger Senile Plaque Formation and Neurodegeneration. Annals of the New York Academy of Sciences, 2007, 1096, 128-137.	1.8	14
39	Preservation of Mitochondrial Volume Homeostasis at the Early Stages of Age-Related Synaptic Deterioration. Annals of the New York Academy of Sciences, 2007, 1096, 138-146.	1.8	11
40	Release of beta-Amyloid from High-Density Platelets: Implications for Alzheimer's Disease Pathology. Annals of the New York Academy of Sciences, 2007, 1096, 170-178.	1.8	58
41	Reactive Structural Dynamics of Synaptic Mitochondria in Ischemic Delayed Neuronal Death. Annals of the New York Academy of Sciences, 2006, 1090, 26-34.	1.8	15
42	Experimental Apoptosis Provides Clues about the Role of Mitochondrial Changes in Neuronal Death. Annals of the New York Academy of Sciences, 2006, 1090, 79-88.	1.8	1
43	Synaptic and mitochondrial physiopathologic changes in the aging nervous system and the role of zinc ion homeostasis. Mechanisms of Ageing and Development, 2006, 127, 590-596.	2.2	29
44	Testing Mitochondrial Metabolic Competence by Cytochrome Oxidase Preferential Cytochemistry Versus Immunoreactivity of Subunits I and IV. Rejuvenation Research, 2006, 9, 215-218.	0.9	4
45	Synaptic Pathology in the Brain Cortex of Old Monkeys as an Early Alteration in Senile Plaque Formation. Rejuvenation Research, 2006, 9, 85-88.	0.9	17
46	Level and Distribution of Microtubule- Associated Protein-2 (MAP2) as an Index of Dendritic Structural Dynamics. Rejuvenation Research, 2006, 9, 94-98.	0.9	17
47	Cytochemical Estimation of Cytochrome Oxidase Activity as a Morphofunctional Mitochondrial Check-Up. Rejuvenation Research, 2006, 9, 202-206.	0.9	5
48	Neurobiology of the Aging Brain. , 2006, , 485-506.		4
49	Modulating Effects of Nutrition on Brain Ageing. NeuroImmune Biology, 2004, 4, 273-289.	0.2	1
50	Decay of Mitochondrial Metabolic Competence in the Aging Cerebellum. Annals of the New York Academy of Sciences, 2004, 1019, 29-32.	1.8	9
51	Cytochrome Oxidase Activity in Hippocampal Synaptic Mitochondria during Aging: A Quantitative Cytochemical Investigation. Annals of the New York Academy of Sciences, 2004, 1019, 33-36.	1.8	18
52	Vitamin E Deficiency and Aging Effect on Expression Levels of GAP-43 and MAP-2 in Selected Areas of the Brain. Annals of the New York Academy of Sciences, 2004, 1019, 37-40.	1.8	4
53	Metallothionein isoforms (I+II and III) and interleukin-6 in the hippocampus of old rats: may their concomitant increments lead to neurodegeneration?. Brain Research Bulletin, 2004, 63, 133-142.	1.4	23
54	Ethanol-Induced Decrease of the Expression of Glucose Transport Protein (Glut3) in the Central Nervous System as a Predisposing Condition to Apoptosis. Annals of the New York Academy of Sciences, 2003, 1010, 500-503.	1.8	13

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55	Neuronal Death versus Synaptic Pathology in Alzheimer's Disease. Annals of the New York Academy of Sciences, 2003, 1010, 635-638.	1.8	27
56	GAP-43 mRNA detection by in situ hybridization, direct and indirect in situ RT-PCR in hippocampal and cerebellar tissue sections of adult rat brain. Micron, 2003, 34, 415-422.	1.1	9
57	In vitro apolipoprotein E protects human red blood cells against lysis induced by amyloid-beta (AÎ²) fragment 25-35. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2002, 9, 103-107.	1.4	6
58	Morphometry of E-PTA stained synapses at the periphery of pathological lesions. Micron, 2002, 33, 447-451.	1.1	12
59	Morphometry of age pigment (lipofuscin) and of ceroid pigment deposits associated with vitamin E deficiency. Archives of Gerontology and Geriatrics, 2002, 34, 263-268.	1.4	17
60	Morphometric investigations of the mitochondrial damage in ceroid lipopigment accumulation due to vitamin E deficiency. Archives of Gerontology and Geriatrics, 2002, 34, 269-274.	1.4	6
61	Effects of Ethanol on GAPâ€43 Levels in Hippocampus and Cerebellum of Aged Rats. Annals of the New York Academy of Sciences, 2002, 973, 313-316.	1.8	1
62	Î²â€Amyloid Fragment 25â€“35 Selectively Damages Platelets from Patients with Alzheimer's Disease. Annals of the New York Academy of Sciences, 2002, 977, 296-302.	1.8	4
63	Aging-like alterations of SDH activity in Purkinje cell mitochondria of adult vitamin-E deficient rats. Age, 2001, 24, 79-84.	3.0	0
64	Age-related effects of moderate alcohol consumption on GAP-43 levels in rat hippocampus. Mechanisms of Ageing and Development, 2001, 122, 1723-1738.	2.2	7
65	Distribution of MAP2 in Hippocampus and Cerebellum of Young and Old Rats by Quantitative Immunohistochemistry. Journal of Histochemistry and Cytochemistry, 2001, 49, 1065-1066.	1.3	52
66	Cellular Distribution of GAP-43 mRNA in Hippocampus and Cerebellum of Adult Rat Brain by In Situ RT-PCR. Journal of Histochemistry and Cytochemistry, 2001, 49, 1195-1196.	1.3	11
67	beta-Amyloid Fragment 25-35 Induces Changes in Cytosolic Free Calcium in Human Platelets. Annals of the New York Academy of Sciences, 2000, 903, 451-456.	1.8	6
68	Dietary restriction modulates synaptic structural dynamics in the aging hippocampus. Age, 1999, 22, 107-113.	3.0	6
69	Morphometry of Axon Cytoskeleton at Internodal Regions of Rat Sciatic Nerve during Aging. Gerontology, 1999, 45, 307-311.	1.4	8
70	MONOVALENT ELECTROLYTE CONTENT IN VITAMIN E-DEFICIENT RATS: CLUES TO UNDERSTAND BRAIN AGING. Cell Biology International, 1997, 21, 671-673.	1.4	2
71	Neuronal plasticity in aging: a quantitative immunohistochemical study of GAP-43 distribution in discrete regions of the rat brain. Brain Research, 1996, 714, 111-117.	1.1	43
72	Dynamic morphology of the synaptic junctional areas during aging: the effect of chronic acetyl-l-carnitine administration. Brain Research, 1994, 656, 359-366.	1.1	17

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73	Morphological Alterations of Synaptic Mitochondria during Aging. Annals of the New York Academy of Sciences, 1994, 717, 137-149.	1.8	5
74	Morphological plasticity of synaptic mitochondria during aging. Brain Research, 1993, 628, 193-200.	1.1	91
75	Structural Dynamics of Synaptic Junctional Areas in Aging and Alzheimer's Disease. Annals of the New York Academy of Sciences, 1992, 673, 285-292.	1.8	5
76	Neurobiology of the aging brain: morphological alterations at synaptic regions. Archives of Gerontology and Geriatrics, 1991, 12, 253-259.	1.4	9
77	Reactive Capacities of the Central Nervous System in Physiological Aging and Senile Dementia of the Ahheher Type. Annals of the New York Academy of Sciences, 1991, 621, 98-103.	1.8	6
78	Electron microscopic morphometric studies on the effects of idebenone on the synaptic remodelling activity in the hippocampus and cerebellum in normal old as well as in vitamin E-deficient adult rats. Archives of Gerontology and Geriatrics, 1990, 11, 259-266.	1.4	0
79	Morphological adaptive response of the synaptic junctional zones in the human dentate gyrus during aging and Alzheimer's disease. Brain Research, 1990, 517, 69-75.	1.1	116