Marco Malavolta

List of Publications by Year
in descending order

170 papers	5,440 citations	66234 42 h-index	114278 63 g-index
176 all docs	176 docs citations	176 times ranked	6590 citing authors

#	Article	IF	Citations
1	Brain, aging and neurodegeneration: Role of zinc ion availability. Progress in Neurobiology, 2005, 75, 367-390.	2.8	236
2	NK and NKT cell functions in immunosenescence. Aging Cell, 2004, 3, 177-184.	3.0	176
3	Serum copper to zinc ratio: Relationship with aging and health status. Mechanisms of Ageing and Development, 2015, 151, 93-100.	2.2	159
4	Plasma copper/zinc ratio: an inflammatory/nutritional biomarker as predictor of all-cause mortality in elderly population. Biogerontology, 2010, 11, 309-319.	2.0	145
5	COVID-19 and smoking: is nicotine the hidden link?. European Respiratory Journal, 2020, 55, 2001116.	3.1	142
6	Zinc: dietary intake and impact of supplementation on immune function in elderly. Age, 2013, 35, 839-860.	3.0	138
7	Vitamin Eâ€“gene interactions in aging and inflammatory age-related diseases: Implications for treatment. A systematic review. Ageing Research Reviews, 2014, 14, 81-101.	5.0	110
8	Zinc Supplementation in the Elderly Reduces Spontaneous Inflammatory Cytokine Release and Restores T Cell Functions. Rejuvenation Research, 2008, 11, 227-237.	0.9	108
9	Zinc dyshomeostasis: A key modulator of neuronal injury. Journal of Alzheimer's Disease, 2005, 8, 93-108.	1.2	100
10	Inflammation, genes and zinc in Alzheimer's disease. Brain Research Reviews, 2008, 58, 96-105.	9.1	97
11	Novel -209A/G MT2A Polymorphism in Old Patients with Type 2 Diabetes and Atherosclerosis: Relationship with Inflammation (IL-6) and Zinc. Biogerontology, 2005, 6, 407-413.	2.0	81
12	NK and NKT Cells in Aging and Longevity: Role of Zinc and Metallothioneins. Journal of Clinical Immunology, 2009, 29, 416-425.	2.0	81
13	Zinc signalling and subcellular distribution: emerging targets in type 2 diabetes. Trends in Molecular Medicine, 2008, 14, 419-428.	3.5	80
14	Simultaneous evaluation of circulating chemokine and cytokine profiles in elderly subjects by multiplex technology: relationship with zinc status. Biogerontology, 2006, 7, 449-459.	2.0	79
15	Effects of zinc supplementation on antioxidant enzyme activities in healthy old subjects. Experimental Gerontology, 2008, 43, 445-451.	1.2	77
16	Polymorphisms in MT1a gene coding region are associated with longevity in Italian Central female population. Biogerontology, 2006, 7, 357-365.	2.0	76
17	Zinc-binding proteins (metallothionein and Î±-2 macroglobulin) and immunosenescence. Experimental Gerontology, 2006, 41, 1094-1107.	1.2	74
18	Nutrientâ€“gene interaction in ageing and successful ageing. Mechanisms of Ageing and Development, 2006, 127, 517-525.	2.2	74

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19	TH1 and TH2 cell polarization increases with aging and is modulated by zinc supplementation. Experimental Gerontology, 2008, 43, 493-498.	1.2	74
20	+647 A/C and +1245 MT1A polymorphisms in the susceptibility of diabetes mellitus and cardiovascular complications. Molecular Genetics and Metabolism, 2008, 94, 98-104.	0.5	74
21	Distinctive modulation of inflammatory and metabolic parameters in relation to zinc nutritional status in adult overweight/obese subjects. Journal of Nutritional Biochemistry, 2010, 21, 432-437.	1.9	73
22	Effect of zinc supplementation on plasma IL-6 and MCP-1 production and NK cell function in healthy elderly: Interactive influence of +647 MT1a and â˜'174 IL-6 polymorphic alleles. Experimental Gerontology, 2008, 43, 462-471.	1.2	71
23	Micronutrient (Zn, Cu, Fe)â€“gene interactions in ageing and inflammatory age-related diseases: Implications for treatments. Ageing Research Reviews, 2012, 11, 297-319.	5.0	68
24	Zinc and Inflammatory/Immune Response in Aging. Annals of the New York Academy of Sciences, 2007, 1100, 111-122.	1.8	67
25	Zinc deficiency and IL-6 â˜'174G/C polymorphism in old people from different European countries: Effect of zinc supplementation. ZINCAGE study. Experimental Gerontology, 2008, 43, 433-444.	1.2	63
26	Age-dependent expression ofDNMT1andDNMT3Bin PBMCs from a large European population enrolled in the MARK-AGE study. Aging Cell, 2016, 15, 755-765.	3.0	60
27	Micronutrientâ€“gene interactions related to inflammatory/immune response and antioxidant activity in ageing and inflammation. A systematic review. Mechanisms of Ageing and Development, 2014, 136-137, 29-49.	2.2	58
28	Exploring the Relevance of Senotherapeutics for the Current SARS-CoV-2 Emergency and Similar Future Global Health Threats. Cells, 2020, 9, 909.	1.8	58
29	Single and three-color flow cytometry assay for intracellular zinc ion availability in human lymphocytes with Zinpyr-1 and double immunofluorescence: Relationship with metallothioneins. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2006, 69A, 1043-1053.	1.1	57
30	The variations during the circadian cycle of liver CD1d-unrestricted NK1.1+TCRÎ³/Î´+ cells lead to successful ageing. Role of metallothionein/IL-6/gp130/PARP-1 interplay in very old mice. Experimental Gerontology, 2004, 39, 775-788.	1.2	55
31	Inflammation, genes and zinc in ageing and age-related diseases. Biogerontology, 2006, 7, 315-327.	2.0	55
32	The +838 C/G MT2A Polymorphism, Metals, and the Inflammatory/Immune Response in Carotid Artery Stenosis in Elderly People. Molecular Medicine, 2007, 13, 388-395.	1.9	54
33	Reversed Stereochemical Control in the Presence of CeCl3and TiCl4in the Lewis Acid Mediated Reduction of Î±-Alkyl-Î²-keto Esters by Metal Hydrides. A General Methodology for the Diastereoselective Synthesis ofsyn- andanti-Î±-Alkyl-Î²-hydroxy Esters. Journal of Organic Chemistry, 1999, 64, 1986-1992.	1.7	53
34	Zinc, Metallothioneins and Longevity: Interrelationships with Niacin and Selenium. Current Pharmaceutical Design, 2008, 14, 2719-2732.	0.9	53
35	The -308G/A polymorphism of TNF-alpha influences immunological parameters in old subjects affected by infectious diseases. International Journal of Immunogenetics, 2005, 32, 13-18.	0.8	50
36	Inducers of Senescence, Toxic Compounds, and Senolytics: The Multiple Faces of Nrf2-Activating Phytochemicals in Cancer Adjuvant Therapy. Mediators of Inflammation, 2018, 2018, 1-32.	1.4	49

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37	Main biomarkers associated with age-related plasma zinc decrease and copper/zinc ratio in healthy elderly from ZincAge study. European Journal of Nutrition, 2017, 56, 2457-2466.	1.8	48
38	Characterization of the hsp70 response in lymphoblasts from aged and centenarian subjects and differential effects of in vitro zinc supplementation. Experimental Gerontology, 2004, 39, 1475-1484.	1.2	47
39	Interrelationship Among Neutrophil Efficiency, Inflammation, Antioxidant Activity and Zinc Pool in Very Old Age. Biogerontology, 2005, 6, 271-281.	2.0	47
40	Cu to Zn ratio, physical function, disability, and mortality risk in older elderly (ilSIRENTE study). Age, 2012, 34, 539-552.	3.0	47
41	Zinc, metallothioneins and immunosenescence: effect of zinc supply as nutrigenomic approach. Biogerontology, 2011, 12, 455-465.	2.0	46
42	Pleiotropic Effects of Tocotrienols and Quercetin on Cellular Senescence: Introducing the Perspective of Senolytic Effects of Phytochemicals. Current Drug Targets, 2016, 17, 447-459.	1.0	46
43	Antioxidant enzyme activities in healthy old subjects: influence of age, gender and zinc status. Biogerontology, 2006, 7, 391-398.	2.0	43
44	Effect of improved zinc status on T helper cell activation and TH1/TH2 ratio in healthy elderly individuals. Biogerontology, 2006, 7, 429-435.	2.0	43
45	Normal phase liquid chromatographyâ€“electrospray ionization tandem mass spectrometry analysis of phospholipid molecular species in blood mononuclear cells: application to cystic fibrosis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 810, 173-186.	1.2	43
46	Plasticity of neuroendocrineâ€“thymus interactions during ontogeny and ageing: Role of zinc and arginine. Ageing Research Reviews, 2006, 5, 281-309.	5.0	40
47	Age and immunity. Immunity and Ageing, 2006, 3, 2.	1.8	40
48	Zinc, Metallothioneins, and Longevity:. Annals of the New York Academy of Sciences, 2007, 1119, 129-146.	1.8	39
49	In vitro and in vivo effects of zinc on cytokine signalling in human T cells. Experimental Gerontology, 2008, 43, 472-482.	1.2	39
50	Zinc, Immune Plasticity, Aging, and Successful Aging: Role of Metallothionein. Annals of the New York Academy of Sciences, 2004, 1019, 127-134.	1.8	38
51	Analysis of the machinery and intermediates of the 5hmC-mediated DNA demethylation pathway in aging on samples from the MARK-AGE Study. Aging, 2016, 8, 1896-1922.	1.4	36
52	Mediterranean diet and plasma concentration of inflammatory markers in old and very old subjects in the ZINCAGE population study. Clinical Chemistry and Laboratory Medicine, 2008, 46, 990-6.	1.4	35
53	Zinc, metallothioneins and immunosenescence. Proceedings of the Nutrition Society, 2010, 69, 290-299.	0.4	33
54	1267 HSP70-2 polymorphism as a risk factor for carotid plaque rupture and cerebral ischaemia in old type 2 diabetes-atherosclerotic patients. Mechanisms of Ageing and Development, 2005, 126, 866-873.	2.2	32

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55	Involvement of â^'308 TNF-Î± and 1267 Hsp70-2 polymorphisms and zinc status in the susceptibility of coronary artery disease (CAD) in old patients. Biogerontology, 2006, 7, 347-356.	2.0	32
56	Effect of zinc on cellular poly(ADP-ribosyl)ation capacity. Experimental Gerontology, 2008, 43, 409-414.	1.2	31
57	Comparison of intracellular zinc signals in nonadherent lymphocytes from young-adult and elderly donors: role of zinc transporters (Zip family) and proinflammatory cytokines. Journal of Nutritional Biochemistry, 2012, 23, 1256-1263.	1.9	31
58	Modulators of cellular senescence: mechanisms, promises, and challenges from in vitro studies with dietary bioactive compounds. Nutrition Research, 2014, 34, 1017-1035.	1.3	31
59	Targeting Multiple Mitochondrial Processes by a Metabolic Modulator Prevents Sarcopenia and Cognitive Decline in SAMP8 Mice. Frontiers in Pharmacology, 2020, 11, 1171.	1.6	31
60	Zinc supplementation boosts the stress response in the elderly: Hsp70 status is linked to zinc availability in peripheral lymphocytes. Experimental Gerontology, 2008, 43, 452-461.	1.2	30
61	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
62	Zinc Dyshomeostasis, Ageing and Neurodegeneration: Implications of A2M and Inflammatory Gene Polymorphisms. Journal of Alzheimer's Disease, 2007, 12, 101-109.	1.2	29
63	Metallothionein Downregulation in Very Old Age: A Phenomenon Associated with Cellular Senescence?. Rejuvenation Research, 2008, 11, 455-459.	0.9	29
64	Antioxidants linked with physical, cognitive and psychological frailty: Analysis of candidate biomarkers and markers derived from the MARK-AGE study. Mechanisms of Ageing and Development, 2019, 177, 135-143.	2.2	29
65	Accumulation of Cells With Short Telomeres Is Associated With Impaired Zinc Homeostasis and Inflammation in Old Hypertensive Participants. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 745-751.	1.7	28
66	Assessment of geneâ€"nutrient interactions on inflammatory status of the elderly with the use of a zinc diet score â€" ZINCAGE study. Journal of Nutritional Biochemistry, 2010, 21, 526-531.	1.9	28
67	Changes in Zn homeostasis during long term culture of primary endothelial cells and effects of Zn on endothelial cell senescence. Experimental Gerontology, 2017, 99, 35-45.	1.2	28
68	Effects of interleukin-6 â^'174C/G and metallothionein 1A +647A/C single-nucleotide polymorphisms on zinc-regulated gene expression in ageing. Experimental Gerontology, 2008, 43, 423-432.	1.2	25
69	In Vivo Effect of Î±-Bisabolol, a Nontoxic Sesquiterpene Alcohol, on the Induction of Spontaneous Mammary Tumors in HER-2/neu Transgenic Mice. Oncology Research, 2009, 18, 409-418.	0.6	25
70	Speciation of trace elements in human serum by micro anion exchange chromatography coupled with inductively coupled plasma mass spectrometry. Analytical Biochemistry, 2012, 421, 16-25.	1.1	25
71	Torquetenovirus (TTV) load is associated with mortality in Italian elderly subjects. Experimental Gerontology, 2018, 112, 103-111.	1.2	25
72	Acetylcholinesterase inhibitors in Alzheimer's disease influence Zinc and Copper homeostasis. Journal of Trace Elements in Medicine and Biology, 2019, 55, 58-63.	1.5	25

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73	Metallothioneins, Ageing and Cellular Senescence: A Future Therapeutic Target. Current Pharmaceutical Design, 2013, 19, 1753-1764.	0.9	25
74	High-performance liquid chromatography/electrospray ionization ion-trap tandem mass spectrometric analysis and quantification of phosphatidylcholine molecular species in the serum of cystic fibrosis subjects supplemented with docosahexaenoic acid. Rapid Communications in Mass Spectrometry, 2004, 18, 2395-2400.	0.7	24
75	A Novel Zip2 Gln/Arg/Leu Codon 2 Polymorphism Is Associated with Carotid Artery Disease in Aging. Rejuvenation Research, 2008, 11, 297-300.	0.9	24
76	Survival Study of Metallothionein-1 Transgenic Mice and Respective Controls (C57BL/6J): Influence of a Zinc-Enriched Environment. Rejuvenation Research, 2012, 15, 140-143.	0.9	24
77	Metallothioneins, ageing and cellular senescence: a future therapeutic target. Current Pharmaceutical Design, 2013, 19, 1753-64.	0.9	24
78	Are zinc-bound metallothionein isoforms (I+II and III) involved in impaired thymulin production and thymic involution during ageing?. Immunity and Ageing, 2004, 1, 5.	1.8	23
79	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
80	Zinc, oxidative stress, genetic background and immunosenescence: implications for healthy ageing. Immunity and Ageing, 2006, 3, 6.	1.8	23
81	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
82	Is cellular senescence involved in cystic fibrosis?. Respiratory Research, 2019, 20, 32.	1.4	23
83	Zinc Homeostasis in Aging: Two Elusive Faces of the Same "Metal". Rejuvenation Research, 2006, 9, 351-354.	0.9	22
84	Differential Effects of In Vitro Zinc Treatment on Gene Expression in Peripheral Blood Mononuclear Cells Derived from Young and Elderly Individuals. Rejuvenation Research, 2007, 10, 603-620.	0.9	21
85	Association of MT1A haplotype with cardiovascular disease and antioxidant enzyme defense in elderly Greek population: comparison with an Italian cohort. Journal of Nutritional Biochemistry, 2010, 21, 1008-1014.	1.9	21
86	Investigation of Fullerene Exposure of Breast Cancer Cells by Time-Gated Scanning Microwave Microscopy. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 4823-4831.	2.9	21
87	FKBP5 rs4713916: A Potential Genetic Predictor of Interindividual Different Response to Inhaled Corticosteroids in Patients with Chronic Obstructive Pulmonary Disease in a Real-Life Setting. International Journal of Molecular Sciences, 2019, 20, 2024.	1.8	21
88	CD14 C (-260)T polymorphism, atherosclerosis, elderly: Role of cytokines and metallothioneins. International Journal of Cardiology, 2007, 120, 45-51.	0.8	20
89	Pro-inflammatory genetic background and zinc status in old atherosclerotic subjects. Ageing Research Reviews, 2008, 7, 306-318.	5.0	20
90	Nutritional Zinc, Oxidative Stress and Immunosenescence: Biochemical, Genetic, and Lifestyle Implications for Healthy Ageing. Biogerontology, 2004, 5, 271-273.	2.0	19

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91	Zinc supplementation in the elderly subjects: Effect on oxidized protein degradation and repair systems in peripheral blood lymphocytes. Experimental Gerontology, 2008, 43, 483-487.	1.2	19
92	Effect of <scp>ZIP</scp>2 Gln/Arg/Leu (rs2234632) polymorphism on zinc homeostasis and inflammatory response following zinc supplementation. BioFactors, 2015, 41, 414-423.	2.6	19
93	Normal phase liquid chromatographyâ€“electrospray ionization tandem mass spectrometry analysis of phospholipid molecular species in blood mononuclear cells: application to cystic fibrosis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 810, 173-186.	1.2	19
94	Zinc-bound metallothioneins and immune plasticity: lessons from very old mice and humans. Immunity and Ageing, 2007, 4, 7.	1.8	18
95	Use of mathematical models of survivorship in the study of biomarkers of aging: the role of heterogeneity. Mechanisms of Ageing and Development, 2001, 122, 1461-1475.	2.2	17
96	Combining UHR-SEC-HPLC-ICP-MS with flow cytometry to quantify metallothioneins and to study zinc homeostasis in human PBMC. Journal of Analytical Atomic Spectrometry, 2007, 22, 1193.	1.6	17
97	Zincâ€“gene interaction related to inflammatory/immune response in ageing. Genes and Nutrition, 2008, 3, 61-75.	1.2	17
98	BMI, life-style and psychological conditions in a sample of elderly italian men and women. Journal of Nutrition, Health and Aging, 2010, 14, 515-522.	1.5	17
99	Reduced levels of plasma selenium are associated with increased inflammation and cardiovascular disease in an Italian elderly population. Experimental Gerontology, 2021, 145, 111219.	1.2	17
100	Influence of +1245 A/G MT1A polymorphism on advanced glycation end-products (AGEs) in elderly: effect of zinc supplementation. Genes and Nutrition, 2014, 9, 426.	1.2	16
101	Different transcriptional profiling between senescent and non-senescent human coronary artery endothelial cells (HCAECs) by Omeprazole and Lansoprazole treatment. Biogerontology, 2017, 18, 217-236.	2.0	16
102	DNA Hydroxymethylation Levels Are Altered in Blood Cells From Down Syndrome Persons Enrolled in the MARK-AGE Project. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 737-744.	1.7	16
103	Zinc supplementation can reduce accumulation of cadmium in aged metallothionein transgenic mice. Chemosphere, 2018, 211, 855-860.	4.2	16
104	Diet (zinc)â€“gene interaction related to inflammatory/immune response in ageing: possible link with frailty syndrome?. Biogerontology, 2010, 11, 589-595.	2.0	15
105	Association among 1267 A/G HSP70-2, â^'308 G/A TNF-Î± polymorphisms and pro-inflammatory plasma mediators in old ZincAge population. Biogerontology, 2014, 15, 65-79.	2.0	15
106	LAV-BPIFB4 associates with reduced frailty in humans and its transfer prevents frailty progression in old mice. Aging, 2019, 11, 6555-6568.	1.4	15
107	Effects of zinc-fortified drinking skim milk (as functional food) on cytokine release and thymic hormone activity in very old persons: a pilot study. Age, 2014, 36, 9656.	3.0	14
108	Anti-inflammatory Activity of Tocotrienols in Age-related Pathologies: A SASPected Involvement of Cellular Senescence. Biological Procedures Online, 2018, 20, 22.	1.4	14

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109	Circadian rhythms of body temperature and locomotor activity in aging BALB/c mice: early and late life span predictors. Biogerontology, 2016, 17, 703-714.	2.0	13
110	Implications of impaired zinc homeostasis in diabetic cardiomyopathy and nephropathy. BioFactors, 2017, 43, 770-784.	2.6	13
111	Zinc-Induced Metallothionein in Centenarian Offspring From a Large European Population: The MARK-AGE Project. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 745-753.	1.7	13
112	Prevalence and Loads of Torquetenovirus in the European MARK-AGE Study Population. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1838-1845.	1.7	13
113	Effects of human Toll-like receptor 1 polymorphisms on ageing. Immunity and Ageing, 2013, 10, 4.	1.8	12
114	Age, Sex, and BMI Influence on Copper, Zinc, and Their Major Serum Carrier Proteins in a Large European Population Including Nonagenarian Offspring From MARK-AGE Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 2097-2106.	1.7	12
115	Psychosocial Aspects and Zinc Status: Is There a Relationship with Successful Aging?. Rejuvenation Research, 2006, 9, 333-337.	0.9	11
116	Zinc in Elderly People: Effects of Zinc Supplementation on Psychological Dimensions in Dependence of IL-6 -174 Polymorphism: A Zincage Study. Rejuvenation Research, 2008, 11, 479-483.	0.9	11
117	Modulation of Genes Involved in Zinc Homeostasis in Old Low-Grade Atherosclerotic Patients Under Effects of HMG-CoA Reductase Inhibitors. Rejuvenation Research, 2008, 11, 287-291.	0.9	11
118	Possible New Antiaging Strategies Related to Neuroendocrine-Immune Interactions. NeuroImmunoModulation, 2008, 15, 344-350.	0.9	11
119	Metallothioneins, longevity and cancer: Comment on â€œDeficiency of metallothionein-1 and -2 genes shortens the lifespan of the 129/Sv mouse strainâ€. Experimental Gerontology, 2016, 73, 28-30.	1.2	11
120	ZnT8 Arg325Trp polymorphism influences zinc transporter expression and cytokine production in PBMCs from patients with diabetes. Diabetes Research and Clinical Practice, 2018, 144, 102-110.	1.1	11
121	Association of HERV-K and LINE-1 hypomethylation with reduced disease-free survival in melanoma patients. Epigenomics, 2020, 12, 1689-1706.	1.0	11
122	Peripheral Mononuclear Cell Rejuvenation for Senescence Surveillance in Alzheimer Disease. Current Pharmaceutical Design, 2013, 19, 1720-1726.	0.9	10
123	Is there a Possible Single Mediator in Modulating Neuroendocrineâ€“thymus Interaction in Ageing?. Current Aging Science, 2013, 6, 99-107.	0.4	10
124	New challenges of geriatric cardiology: from clinical to preclinical research. Journal of Geriatric Cardiology, 2017, 14, 223-232.	0.2	10
125	Zinc, Metallothioneins, Longevity: Effect of Zinc Supplementation on Antioxidant Response: A Zincage Study. Rejuvenation Research, 2008, 11, 419-423.	0.9	9
126	Epigenetics in ageing and development. Mechanisms of Ageing and Development, 2018, 174, 1-2.	2.2	9

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127	Allyl Isothiocyanate Exhibits No Anticancer Activity in MDA-MB-231 Breast Cancer Cells. International Journal of Molecular Sciences, 2018, 19, 145.	1.8	9
128	Cellular Senescence and Inflammatory Burden as Determinants of Mortality in Elderly People Until the Extreme old age. EBioMedicine, 2015, 2, 1316-1317.	2.7	8
129	Oxidative Stress in Elderly with Different Cognitive Status: My Mind Project. Journal of Alzheimer's Disease, 2018, 63, 1405-1414.	1.2	8
130	Fatty acids composition of plasma phospholipids and triglycerides in children with cystic fibrosis. The effect of dietary supplementation with an olive and soybean oils mixture. Pediatria Medica E Chirurgica, 2003, 25, 42-9.	0.1	8
131	Peripheral mononuclear cell rejuvenation for senescence surveillance in Alzheimer disease. Current Pharmaceutical Design, 2013, 19, 1720-6.	0.9	8
132	Imaging of exosomes by broadband scanning microwave microscopy. , 2016, , .		7
133	Dysfunctional macrophages in Alzheimer Disease: another piece of the â€œmacroph-agingâ€•puzzle?. Aging, 2017, 9, 1865-1866.	1.4	7
134	Transfer of the longevity-associated variant of BPIFB4 gene rejuvenates immune system and vasculature by a reduction of CD38+ macrophages and NAD+ decline. Cell Death and Disease, 2022, 13, 86.	2.7	7
135	Health status, blood and anthropometrical indices from Greek old and nonagenarian subjects. Biogerontology, 2006, 7, 329-337.	2.0	6
136	l-Arginine normalizes NOS activity and zinc-MT homeostasis in the kidney of mice chronically exposed to inorganic mercury. Toxicology Letters, 2009, 189, 200-205.	0.4	6
137	Elevated metallothionein expression in long-lived species mediates the influence of cadmium accumulation on aging. GeroScience, 2021, 43, 1975-1993.	2.1	6
138	Role of Zinc and Selenium in Oxidative Stress and Immunosenescence: Implications for Healthy Aging and Longevity. , 2019, , 2539-2573.		6
139	Endogenous Retroelements in Cellular Senescence and Related Pathogenic Processes: Promising Drug Targets in Age-Related Diseases. Current Drug Targets, 2016, 17, 416-427.	1.0	6
140	Measuring zinc in biological nanovesicles by multiple analytical approaches. Journal of Trace Elements in Medicine and Biology, 2018, 48, 58-66.	1.5	5
141	Nutritional Factors Modulating Alu Methylation in an Italian Sample from The Mark-Age Study Including Offspring of Healthy Nonagenarians. Nutrients, 2019, 11, 2986.	1.7	5
142	New Trends in Biomedical Aging Research. Gerontology, 2004, 50, 420-424.	1.4	4
143	L-arginine Reduces Mercury Accumulation in Thymus of Mercury-exposed Mice: Role of Nitric Oxide Synthase Activity and Metallothioneins. Industrial Health, 2008, 46, 567-574.	0.4	4
144	Broadband near-field scanning microwave microscopy investigation of fullerene exposure of breast cancer cells. , 2016, , .		4

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145	Effect of hyperglycemia on the number of CD117+ progenitor cells and their differentiation toward endothelial progenitor cells in young and old ages. Mechanisms of Ageing and Development, 2016, 159, 31-36.	2.2	4
146	Recovery from mild Escherichia coli O157:H7 infection in young and aged C57BL/6 mice with intact flora estimated by fecal shedding, locomotor activity and grip strength. Comparative Immunology, Microbiology and Infectious Diseases, 2019, 63, 1-9.	0.7	4
147	Ageing affects subtelomeric DNA methylation in blood cells from a large European population enrolled in the MARK-AGE study. GeroScience, 2021, 43, 1283-1302.	2.1	4
148	Role of Zinc and Selenium in Oxidative Stress and Immunosenescence: Implications for Healthy Ageing and Longevity. , 2009, , 1367-1396.		4
149	Psycho-cognitive assessment and quality of life in older adults with chronic obstructive pulmonary disease-carrying the rs4713916 gene polymorphism (G/A) of gene FKBP5 and response to pulmonary rehabilitation: a proof of concept study. Psychiatric Genetics, 2022, 32, 116-124.	0.6	4
150	Noninvasive Neonatal Thymus Graft into the Axillary Cavity Extends the Lifespan of Old Mice. Rejuvenation Research, 2010, 13, 288-291.	0.9	3
151	Effect of 6-month caloric restriction on Cu bound to ceruloplasmin in adult overweight subjects. Journal of Nutritional Biochemistry, 2015, 26, 876-882.	1.9	3
152	Nutritional Modulators of Cellular Senescence In Vitro. , 2016, , 293-312.		3
153	C60 in olive oil causes light-dependent toxicity and does not extend lifespan in mice. GeroScience, 2021, 43, 579-591.	2.1	3
154	Psychosocial and biochemical interactions in aging: Preliminary results from an Italian old sample of â€œZincageâ€•project. Archives of Gerontology and Geriatrics, 2007, 44, 259-269.	1.4	2
155	Metallothioneins, Ageing and Cellular Senescence: A Future Therapeutic Target. Current Pharmaceutical Design, 2013, 19, 1753-1764.	0.9	2
156	Zinc, Insulin and IGF-I Interplay in Aging. Healthy Ageing and Longevity, 2017, , 57-90.	0.2	2
157	Dietary Intake and Impact of Zinc Supplementation on the Immune Functions in Elderly: Nutrigenomic Approach. , 2014, , 295-308.		2
158	A genetic variant near the equine interleukin 6 gene associated with copper:zinc ratio. Veterinary Journal, 2011, 190, e143-e145.	0.6	1
159	Gene Expression, Oxidative Stress, and Senescence of Primary Coronary Endothelial Cells Exposed to Postprandial Serum of Healthy Adult and Elderly Volunteers after Oven-Cooked Meat Meals. Mediators of Inflammation, 2017, 2017, 1-12.	1.4	1
160	Zinc and Other Micronutrients for Healthy Aging. , 2005, , 171-191.		1
161	Elevated metallothionein expression in long-lived species. Aging, 2022, 14, 1-3.	1.4	1
162	Chronobiology and Effects of the Age on the Immune Function: Nutritional and Genetic Background. Veterinary Research Communications, 2007, 31, 109-113.	0.6	0

#	Article	IF	Citations
163	MS504 ZINCâ€“GENE INTERACTIONS ON INFLAMMATION AND RISK TO DEVELOP CVD IN THE ELDERLY. Atherosclerosis Supplements, 2010, 11, 211.	1.2	0
164	Vitamin E, Inflammatory/Immune Response, and the Elderly. , 2016, , 637-647.		0
165	Editorial (Thematic Issue: Therapeutic Modulators of Cellular Senescence: Common Targets in Cancer) Tj ETQq1 1 0.784314 rgBT /Ov	1.0	0
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168	ZINC STATUS, METALLOTHIONEINS AND ATHEROSCLEROSIS IN THE ELDERLY. , 2008, , 271-285.		0
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