Francesco Piacenza

List of Publications by Year
in descending order

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Version: 2024-02-01

68	1,826	257357	289141
papers	citations	24 h-index	40 g-index

69	69	69	2787
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Serum copper to zinc ratio: Relationship with aging and health status. Mechanisms of Ageing and Development, 2015, 151, 93-100.	2.2	159
2	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
3	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
4	+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
5	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
6	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
7	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
8	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
9	Zinc, Metallothioneins and Longevity: Interrelationships with Niacin and Selenium. Current Pharmaceutical Design, 2008, 14, 2719-2732.	0.9	53
10	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
11	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
12	Cu to Zn ratio, physical function, disability, and mortality risk in older elderly (ilSIRENTE study). Age, 2012, 34, 539-552.	3.0	47
13	Zinc, metallothioneins and immunosenescence: effect of zinc supply as nutrigenomic approach. Biogerontology, 2011, 12, 455-465.	2.0	46
14	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
15	Zinc, metallothioneins and immunosenescence. Proceedings of the Nutrition Society, 2010, 69, 290-299.	0.4	33
16	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
17	Metallothionein Downregulation in Very Old Age: A Phenomenon Associated with Cellular Senescence?. Rejuvenation Research, 2008, 11, 455-459.	0.9	29
18	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

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19	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
20	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
21	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
22	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
23	Torquetenovirus (TTV) load is associated with mortality in Italian elderly subjects. Experimental Gerontology, 2018, 112, 103-111.	1.2	25
24	Metallothioneins, Ageing and Cellular Senescence: A Future Therapeutic Target. Current Pharmaceutical Design, 2013, 19, 1753-1764.	0.9	25
25	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
26	Metallothioneins, ageing and cellular senescence: a future therapeutic target. Current Pharmaceutical Design, 2013, 19, 1753-64.	0.9	24
27	Is cellular senescence involved in cystic fibrosis?. Respiratory Research, 2019, 20, 32.	1.4	23
28	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
29	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
30	Extracellular Guanosine 5â€²-Triphosphate Induces Human Muscle Satellite Cells to Release Exosomes Stuffed With Guanosine. Frontiers in Pharmacology, 2018, 9, 152.	1.6	21
31	Inverted scanning microwave microscope for in vitro imaging and characterization of biological cells. Applied Physics Letters, 2019, 114, .	1.5	20
32	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
33	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
34	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
35	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
36	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

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37	Zinc supplementation can reduce accumulation of cadmium in aged metallothionein transgenic mice. Chemosphere, 2018, 211, 855-860.	4.2	16
38	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
39	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
40	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
41	Anti-inflammatory Activity of Tocotrienols in Age-related Pathologies: A SASPected Involvement of Cellular Senescence. Biological Procedures Online, 2018, 20, 22.	1.4	14
42	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
43	Implications of impaired zinc homeostasis in diabetic cardiomyopathy and nephropathy. BioFactors, 2017, 43, 770-784.	2.6	13
44	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
45	Antitumor activity of NAX060: A novel semisynthetic berberine derivative in breast cancer cells. BioFactors, 2018, 44, 443-452.	2.6	13
46	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
47	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
48	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
49	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
50	Association of HERV-K and LINE-1 hypomethylation with reduced disease-free survival in melanoma patients. Epigenomics, 2020, 12, 1689-1706.	1.0	11
51	Peripheral Mononuclear Cell Rejuvenation for Senescence Surveillance in Alzheimer Disease. Current Pharmaceutical Design, 2013, 19, 1720-1726.	0.9	10
52	Is there a Possible Single Mediator in Modulating Neuroendocrineâ€“thymus Interaction in Ageing?. Current Aging Science, 2013, 6, 99-107.	0.4	10
53	Peripheral mononuclear cell rejuvenation for senescence surveillance in Alzheimer disease. Current Pharmaceutical Design, 2013, 19, 1720-6.	0.9	8
54	Imaging of exosomes by broadband scanning microwave microscopy. , 2016, , .		7

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55	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
56	Precision and accuracy of the new XPrecia Stride mobile coagulometer. Thrombosis Research, 2017, 156, 51-53.	0.8	6
57	Antimetastatic and Antitumor Activities of Orally Administered NAX014 Compound in a Murine Model of HER2-Positive Breast Cancer. International Journal of Molecular Sciences, 2021, 22, 2653.	1.8	6
58	Measuring zinc in biological nanovesicles by multiple analytical approaches. Journal of Trace Elements in Medicine and Biology, 2018, 48, 58-66.	1.5	5
59	Imaging of sub-cellular structures and organelles by an STM-assisted Scanning Microwave Microscope at mm-Waves. , 2018, , .		5
60	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
61	Broadband near-field scanning microwave microscopy investigation of fullerene exposure of breast cancer cells. , 2016, , .		4
62	Noninvasive Neonatal Thymus Graft into the Axillary Cavity Extends the Lifespan of Old Mice. Rejuvenation Research, 2010, 13, 288-291.	0.9	3
63	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
64	Nutritional Modulators of Cellular Senescence In Vitro. , 2016, , 293-312.		3
65	Metallothioneins, Ageing and Cellular Senescence: A Future Therapeutic Target. Current Pharmaceutical Design, 2013, 19, 1753-1764.	0.9	2
66	Zinc, Insulin and IGF-I Interplay in Aging. Healthy Ageing and Longevity, 2017, , 57-90.	0.2	2
67	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
68	Peripheral Mononuclear Cell Rejuvenation for Senescence Surveillance in Alzheimer Disease. Current Pharmaceutical Design, 2013, 19, 1720-1726.	0.9	0