

Aurelia Santoro

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

7,637
citations

61977

43
h-index

56717

83
g-index

102
all docs

102
docs citations

102
times ranked

11118
citing authors

#	ARTICLE	IF	CITATIONS
1	A Trait of Longevity: The Microbiota of Centenarians. , 2022, , 97-104.		0
2	The Association of Nutrition Quality with Frailty Syndrome among the Elderly. International Journal of Environmental Research and Public Health, 2022, 19, 3379.	2.6	3
3	Association of rs3027178 polymorphism in the circadian clock gene PER1 with susceptibility to Alzheimer's disease and longevity in an Italian population. GeroScience, 2022, 44, 881-896.	4.6	6
4	Disease-specific plasma levels of mitokines FGF21, GDF15, and Humanin in type II diabetes and Alzheimer's disease in comparison with healthy aging. GeroScience, 2021, 43, 985-1001.	4.6	36
5	Circulating perilipin 2 levels are associated with fat mass, inflammatory and metabolic markers and are higher in women than men. Aging, 2021, 13, 7931-7942.	3.1	6
6	Immunosenescence and inflammaging in the aging process: age-related diseases or longevity?. Ageing Research Reviews, 2021, 71, 101422.	10.9	178
7	Elevated gut microbiome abundance of Christensenellaceae, Porphyromonadaceae and Rikenellaceae is associated with reduced visceral adipose tissue and healthier metabolic profile in Italian elderly. Gut Microbes, 2021, 13, 1-19.	9.8	127
8	Vitamin B-6 intake is related to physical performance in European older adults: results of the New Dietary Strategies Addressing the Specific Needs of the Elderly Population for Healthy Aging in Europe (NU-AGE) study. American Journal of Clinical Nutrition, 2021, 113, 781-789.	4.7	15
9	Epidemiological and genetic overlap among biological aging clocks: New challenges in biogerontology. Ageing Research Reviews, 2021, 72, 101502.	10.9	13
10	Changing from a Western to a Mediterranean-style diet does not affect iron or selenium status: results of the New Dietary Strategies Addressing the Specific Needs of the Elderly Population for Healthy Aging in Europe (NU-AGE) 1-year randomized clinical trial in elderly Europeans. American Journal of Clinical Nutrition, 2020, 111, 98-109.	4.7	12
11	Microbiomes other than the gut: inflammaging and age-related diseases. Seminars in Immunopathology, 2020, 42, 589-605.	6.1	65
12	Inflammaging, hormesis and the rationale for anti-aging strategies. Ageing Research Reviews, 2020, 64, 101142.	10.9	64
13	Beneficial Role of Replacing Dietary Saturated Fatty Acids with Polyunsaturated Fatty Acids in the Prevention of Sarcopenia: Findings from the NU-AGE Cohort. Nutrients, 2020, 12, 3079.	4.1	15
14	Associations between Pro- and Anti-Inflammatory Gastro-Intestinal Microbiota, Diet, and Cognitive Functioning in Dutch Healthy Older Adults: The NU-AGE Study. Nutrients, 2020, 12, 3471.	4.1	42
15	Fighting Sarcopenia in Ageing European Adults: The Importance of the Amount and Source of Dietary Proteins. Nutrients, 2020, 12, 3601.	4.1	23
16	Twelve-Week Daily Consumption of ad hoc Fortified Milk with 3, D, and Group B Vitamins Has a Positive Impact on Inflammaging Parameters: A Randomized Cross-Over Trial. Nutrients, 2020, 12, 3580.	4.1	4
17	The complex relationship between Immunosenescence and Inflammaging: Special issue on the New Biomedical Perspectives. Seminars in Immunopathology, 2020, 42, 517-520.	6.1	21
18	Editorial: Adipose Tissue: Which Role in Aging and Longevity?. Frontiers in Endocrinology, 2020, 11, 583.	3.5	6

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19	GDF15 Plasma Level Is Inversely Associated With Level of Physical Activity and Correlates With Markers of Inflammation and Muscle Weakness. <i>Frontiers in Immunology</i> , 2020, 11, 915.	4.8	70
20	Mediterranean diet intervention alters the gut microbiome in older people reducing frailty and improving health status: the NU-AGE 1-year dietary intervention across five European countries. <i>Gut</i> , 2020, 69, 1218-1228.	12.1	465
21	One-year Mediterranean diet promotes epigenetic rejuvenation with country- and sex-specific effects: a pilot study from the NU-AGE project. <i>GeroScience</i> , 2020, 42, 687-701.	4.6	76
22	Dietary Fibre May Mitigate Sarcopenia Risk: Findings from the NU-AGE Cohort of Older European Adults. <i>Nutrients</i> , 2020, 12, 1075.	4.1	22
23	Both objective and paradoxical insomnia elicit a stress response involving mitokine production. <i>Aging</i> , 2020, 12, 10497-10505.	3.1	9
24	Human Aging and Longevity Are Characterized by High Levels of Mitokines. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 600-607.	3.6	130
25	A Novel Approach to Improve the Estimation of a Diet Adherence Considering Seasonality and Short Term Variability “ The NU-AGE Mediterranean Diet Experience. <i>Frontiers in Physiology</i> , 2019, 10, 149.	2.8	3
26	Call for articles on neglected topics. <i>Ageing Research Reviews</i> , 2019, 54, 100934.	10.9	0
27	The Elderly-Nutrient Rich Food Score Is Associated With Biochemical Markers of Nutritional Status in European Older Adults. <i>Frontiers in Nutrition</i> , 2019, 6, 150.	3.7	4
28	Literature review in support of adjuvanticity/immunogenicity assessment of proteins. <i>EFSA Supporting Publications</i> , 2019, 16, 1551E.	0.7	19
29	Sex-Specific Associations of Blood-Based Nutrient Profiling With Body Composition in the Elderly. <i>Frontiers in Physiology</i> , 2019, 9, 1935.	2.8	10
30	Inflammaging. , 2019, , 1599-1629.		3
31	Detrimental links between physical inactivity, metabolic risk and N-glycomic biomarkers of aging. <i>Experimental Gerontology</i> , 2019, 124, 110626.	2.8	5
32	The Impact of Caloric Restriction on the Epigenetic Signatures of Aging. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2022.	4.1	71
33	Gender-specific association of body composition with inflammatory and adipose-related markers in healthy elderly Europeans from the NU-AGE study. <i>European Radiology</i> , 2019, 29, 4968-4979.	4.5	36
34	The peculiar aging of human liver: A geroscience perspective within transplant context. <i>Ageing Research Reviews</i> , 2019, 51, 24-34.	10.9	35
35	Recovery from 6-month spaceflight at the International Space Station: muscle-related stress into a proinflammatory setting. <i>FASEB Journal</i> , 2019, 33, 5168-5180.	0.5	25
36	Mediterranean-Style Diet Improves Systolic Blood Pressure and Arterial Stiffness in Older Adults. <i>Hypertension</i> , 2019, 73, 578-586.	2.7	106

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37	Aging and Imaging Assessment of Body Composition: From Fat to Facts. <i>Frontiers in Endocrinology</i> , 2019, 10, 861.	3.5	162
38	Mitochondrial DNA copy number variation, leukocyte telomere length, and breast cancer risk in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. <i>Breast Cancer Research</i> , 2018, 20, 29.	5.0	44
39	Gut microbiota changes in the extreme decades of human life: a focus on centenarians. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 129-148.	5.4	190
40	Aging and Parkinson's Disease: Inflammaging, neuroinflammation and biological remodeling as key factors in pathogenesis. <i>Free Radical Biology and Medicine</i> , 2018, 115, 80-91.	2.9	255
41	Changes in Dietary Intake and Adherence to the NU-AGE Diet Following a One-Year Dietary Intervention among European Older Adults—Results of the NU-AGE Randomized Trial. <i>Nutrients</i> , 2018, 10, 1905.	4.1	48
42	One-Year Consumption of a Mediterranean-Like Dietary Pattern With Vitamin D3 Supplements Induced Small Scale but Extensive Changes of Immune Cell Phenotype, Co-receptor Expression and Innate Immune Responses in Healthy Elderly Subjects: Results From the United Kingdom Arm of the NU-AGE Trial. <i>Frontiers in Physiology</i> , 2018, 9, 997.	2.8	17
43	A Cross-Sectional Analysis of Body Composition Among Healthy Elderly From the European NU-AGE Study: Sex and Country Specific Features. <i>Frontiers in Physiology</i> , 2018, 9, 1693.	2.8	22
44	Cross-Sectional Analysis of the Correlation Between Daily Nutrient Intake Assessed by 7-Day Food Records and Biomarkers of Dietary Intake Among Participants of the NU-AGE Study. <i>Frontiers in Physiology</i> , 2018, 9, 1359.	2.8	17
45	Nutrition and Inflammation: Are Centenarians Similar to Individuals on Calorie-Restricted Diets?. <i>Annual Review of Nutrition</i> , 2018, 38, 329-356.	10.1	58
46	Effect of the NU-AGE Diet on Cognitive Functioning in Older Adults: A Randomized Controlled Trial. <i>Frontiers in Physiology</i> , 2018, 9, 349.	2.8	72
47	Beneficial Effects of Elderly Tailored Mediterranean Diet on the Proteasomal Proteolysis. <i>Frontiers in Physiology</i> , 2018, 9, 457.	2.8	13
48	Inflammaging: a new immune—metabolic viewpoint for age-related diseases. <i>Nature Reviews Endocrinology</i> , 2018, 14, 576-590.	9.6	1,643
49	The Continuum of Aging and Age-Related Diseases: Common Mechanisms but Different Rates. <i>Frontiers in Medicine</i> , 2018, 5, 61.	2.6	589
50	A Mediterranean-like dietary pattern with vitamin D3 (10 Åg/d) supplements reduced the rate of bone loss in older Europeans with osteoporosis at baseline: results of a 1-y randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 633-640.	4.7	46
51	Are Nutrition-Related Knowledge and Attitudes Reflected in Lifestyle and Health Among Elderly People? A Study Across Five European Countries. <i>Frontiers in Physiology</i> , 2018, 9, 994.	2.8	67
52	Hormetic approaches to the treatment of Parkinson's disease: Perspectives and possibilities. <i>Journal of Neuroscience Research</i> , 2018, 96, 1641-1662.	2.9	75
53	Short Telomere Length Is Related to Limitations in Physical Function in Elderly European Adults. <i>Frontiers in Physiology</i> , 2018, 9, 1110.	2.8	16
54	Identification of Pre-frailty Sub-Phenotypes in Elderly Using Metabolomics. <i>Frontiers in Physiology</i> , 2018, 9, 1903.	2.8	37

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55	Inflammaging. , 2018, , 1-31.		4
56	Extracellular proteasome-osteopontin circuit regulates cell migration with implications in multiple sclerosis. Scientific Reports, 2017, 7, 43718.	3.3	35
57	Mediterranean diet and inflammaging within the hormesis paradigm. Nutrition Reviews, 2017, 75, 442-455.	5.8	132
58	Conserved and species-specific molecular denominators in mammalian skeletal muscle aging. Npj Aging and Mechanisms of Disease, 2017, 3, 8.	4.5	21
59	Identification of miR-31-5p, miR-141-3p, miR-200c-3p, and GLT1 as human liver aging markers sensitive to donor-recipient age-mismatch in transplants. Aging Cell, 2017, 16, 262-272.	6.7	48
60	Mitochondria and mitochondria-induced signalling molecules as longevity determinants. Mechanisms of Ageing and Development, 2017, 165, 115-128.	4.6	50
61	Population-specific association of genes for telomere-associated proteins with longevity in an Italian population. Biogerontology, 2015, 16, 353-364.	3.9	16
62	Differential expression of perilipin 2 and 5 in human skeletal muscle during aging and their association with atrophy-related genes. Biogerontology, 2015, 16, 329-340.	3.9	23
63	Inflammaging and Cancer: A Challenge for the Mediterranean Diet. Nutrients, 2015, 7, 2589-2621.	4.1	160
64	Models for preclinical studies in aging-related disorders: One is not for all. Translational Medicine @ UniSa, 2015, 13, 4-12.	0.5	15
65	Lifelong maintenance of composition, function and cellular/subcellular distribution of proteasomes in human liver. Mechanisms of Ageing and Development, 2014, 141-142, 26-34.	4.6	21
66	Current Understanding on the Role of Standard and Immunoproteasomes in Inflammatory/Immunological Pathways of Multiple Sclerosis. Autoimmune Diseases, 2014, 2014, 1-12.	0.6	27
67	Reprint of: A parallel randomized trial on the effect of a healthful diet on inflammaging and its consequences in European elderly people: Design of the NU-AGE dietary intervention study. Mechanisms of Ageing and Development, 2014, 136-137, 14-21.	4.6	59
68	mtDNA mutations in human aging and longevity: Controversies and new perspectives opened by high-throughput technologies. Experimental Gerontology, 2014, 56, 234-244.	2.8	39
69	Combating inflammaging through a Mediterranean whole diet approach: The NU-AGE project's conceptual framework and design. Mechanisms of Ageing and Development, 2014, 136-137, 3-13.	4.6	131
70	The role of low-grade inflammation and metabolic flexibility in aging and nutritional modulation thereof: A systems biology approach. Mechanisms of Ageing and Development, 2014, 136-137, 138-147.	4.6	80
71	Present and future of anti-ageing epigenetic diets. Mechanisms of Ageing and Development, 2014, 136-137, 101-115.	4.6	76
72	Preface. Mechanisms of Ageing and Development, 2014, 136-137, 1-2.	4.6	10

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73	A parallel randomized trial on the effect of a healthful diet on inflammaging and its consequences in European elderly people: Design of the NU-AGE dietary intervention study. Mechanisms of Ageing and Development, 2013, 134, 523-530.	4.6	64
74	Immunoproteasome in Cancer and Neuropathologies: A New Therapeutic Target?. Current Pharmaceutical Design, 2013, 19, 702-718.	1.9	27
75	Immune System, Cell Senescence, Aging and Longevity - Inflamm-Aging Reappraised. Current Pharmaceutical Design, 2013, 19, 1675-1679.	1.9	80
76	Increased Plin2 Expression in Human Skeletal Muscle Is Associated with Sarcopenia and Muscle Weakness. PLoS ONE, 2013, 8, e73709.	2.5	60
77	Immune System, Cell Senescence, Aging and Longevity - Inflamm-Aging Reappraised. Current Pharmaceutical Design, 2013, 19, 1675-1679.	1.9	101
78	Genes of Human Longevity: An Endless Quest?. Current Vascular Pharmacology, 2013, 12, 707-717.	1.7	22
79	Immunoproteasome in cancer and neuropathologies: a new therapeutic target?. Current Pharmaceutical Design, 2013, 19, 702-18.	1.9	18
80	Immune system, cell senescence, aging and longevity-inflamm-aging reappraised. Current Pharmaceutical Design, 2013, 19, 1675-9.	1.9	144
81	TP53 codon 72 polymorphism affects accumulation of mtDNA damage in human cells. Aging, 2012, 4, 28-39.	3.1	23
82	An APOE Haplotype Associated with Decreased β 4 Expression Increases the Risk of Late Onset Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 24, 235-245.	2.6	58
83	Immunoproteasome expression is induced in mesial temporal lobe epilepsy. Biochemical and Biophysical Research Communications, 2011, 408, 65-70.	2.1	29
84	Mitochondrial DNA Backgrounds Might Modulate Diabetes Complications Rather than T2DM as a Whole. PLoS ONE, 2011, 6, e21029.	2.5	74
85	Systems Biology and Longevity: An Emerging Approach to Identify Innovative Anti- Aging Targets and Strategies. Current Pharmaceutical Design, 2010, 16, 802-813.	1.9	76
86	Failure to Replicate an Association of rs5984894 SNP in the PCDH11X Gene in a Collection of 1,222 Alzheimer's Disease Affected Patients. Journal of Alzheimer's Disease, 2010, 21, 385-388.	2.6	11
87	Immunoproteasome LMP2 60HH Variant Alters MBP Epitope Generation and Reduces the Risk to Develop Multiple Sclerosis in Italian Female Population. PLoS ONE, 2010, 5, e9287.	2.5	56
88	Evidence for Sub-Haplogroup H5 of Mitochondrial DNA as a Risk Factor for Late Onset Alzheimer's Disease. PLoS ONE, 2010, 5, e12037.	2.5	117
89	Studies on immunoproteasome in human liver. Part I: Absence in fetuses, presence in normal subjects, and increased levels in chronic active hepatitis and cirrhosis. Biochemical and Biophysical Research Communications, 2010, 397, 301-306.	2.1	31
90	Effects of Donepezil, Galantamine and Rivastigmine in 938 Italian Patients with Alzheimer's Disease. CNS Drugs, 2010, 24, 163-176.	5.9	44

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91	The impact of mitochondrial DNA on human lifespan: A view from studies on centenarians. Biotechnology Journal, 2008, 3, 740-749.	3.5	43
92	Modeling the in Vitro 20S Proteasome Activity: The Effect of PA28 and of the Sequence and Length of Polypeptides on the Degradation Kinetics. Journal of Molecular Biology, 2008, 377, 1607-1617.	4.2	28
93	Different Types of Cell Death in Organismal Aging and Longevity: State of the Art and Possible Systems Biology Approach. Current Pharmaceutical Design, 2008, 14, 226-236.	1.9	11
94	Immunoproteasome in Macaca fascicularis: No Age-Dependent Modification of Abundance and Activity in the Brain and Insight into an in silico Structural Model. Rejuvenation Research, 2008, 11, 73-82.	1.8	7
95	Proteasome Modulation in Brain: A New Target for Anti-Aging Drugs?. Central Nervous System Agents in Medicinal Chemistry, 2007, 7, 236-240.	1.1	2
96	Association studies on human mitochondrial DNA: Methodological aspects and results in the most common age-related diseases. Mitochondrion, 2007, 7, 29-38.	3.4	49
97	Genes, ageing and longevity in humans: Problems, advantages and perspectives. Free Radical Research, 2006, 40, 1303-1323.	3.3	66
98	Mitochondrial DNA involvement in human longevity. Biochimica Et Biophysica Acta - Bioenergetics, 2006, 1757, 1388-1399.	1.0	64
99	Immunoproteasome and LMP2 polymorphism in aged and Alzheimer's disease brains. Neurobiology of Aging, 2006, 27, 54-66.	3.1	184
100	A structural model of 20S immunoproteasomes: effect of LMP2 codon 60 polymorphism on expression, activity, intracellular localisation and insight into the regulatory mechanisms. Biological Chemistry, 2006, 387, 417-429.	2.5	32
101	Immunoproteasomes and immunosenescence. Ageing Research Reviews, 2003, 2, 419-432.	10.9	72