

# Giuseppe Passarino

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

96 papers	5,483 citations	32 h-index	73 g-index
104 ext. papers	6,412 ext. citations	6.1 avg, IF	5.1 L-index

#	Paper	IF	Citations
96	Y chromosome sequence variation and the history of human populations. <i>Nature Genetics</i> , <b>2000</b> , 26, 358-61	36.3	801
95	The genetic legacy of Paleolithic Homo sapiens sapiens in extant Europeans: a Y chromosome perspective. <i>Science</i> , <b>2000</b> , 290, 1155-9	33.3	666
94	Low protein intake is associated with a major reduction in IGF-1, cancer, and overall mortality in the 65 and younger but not older population. <i>Cell Metabolism</i> , <b>2014</b> , 19, 407-17	24.6	504
93	Interventions to Slow Aging in Humans: Are We Ready?. <i>Aging Cell</i> , <b>2015</b> , 14, 497-510	9.9	373
92	A novel VNTR enhancer within the SIRT3 gene, a human homologue of SIR2, is associated with survival at oldest ages. <i>Genomics</i> , <b>2005</b> , 85, 258-63	4.3	313
91	Decreased epigenetic age of PBMCs from Italian semi-supercentenarians and their offspring. <i>Aging</i> , <b>2015</b> , 7, 1159-70	5.6	211
90	Genome-wide association meta-analysis of human longevity identifies a novel locus conferring survival beyond 90 years of age. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 4420-32	5.6	188
89	The control region of mitochondrial DNA shows an unusual CpG and non-CpG methylation pattern. <i>DNA Research</i> , <b>2013</b> , 20, 537-47	4.5	178
88	Different genetic components in the Ethiopian population, identified by mtDNA and Y-chromosome polymorphisms. <i>American Journal of Human Genetics</i> , <b>1998</b> , 62, 420-34	11	125
87	Paradoxes in longevity: sequence analysis of mtDNA haplogroup J in centenarians. <i>European Journal of Human Genetics</i> , <b>2001</b> , 9, 701-7	5.3	109
86	Global DNA methylation levels are modulated by mitochondrial DNA variants. <i>Epigenomics</i> , <b>2012</b> , 4, 17-27	4.4	94
85	Human longevity: Genetics or Lifestyle? It takes two to tango. <i>Immunity and Ageing</i> , <b>2016</b> , 13, 12	9.7	90
84	Evidence for sub-haplogroup h5 of mitochondrial DNA as a risk factor for late onset Alzheimer's disease. <i>PLoS ONE</i> , <b>2010</b> , 5, e12037	3.7	87
83	Global DNA methylation in old subjects is correlated with frailty. <i>Age</i> , <b>2012</b> , 34, 169-79		78
82	Handgrip strength among nonagenarians and centenarians in three European regions. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2006</b> , 61, 707-12	6.4	76
81	The co-occurrence of mtDNA mutations on different oxidative phosphorylation subunits, not detected by haplogroup analysis, affects human longevity and is population specific. <i>Aging Cell</i> , <b>2014</b> , 13, 401-7	9.9	66
80	Exploring the role of genetic variability and lifestyle in oxidative stress response for healthy aging and longevity. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 16443-72	6.3	65

79	Maori origins, Y-chromosome haplotypes and implications for human history in the Pacific. <i>Human Mutation</i> , <b>2001</b> , 17, 271-80	4.7	62
78	The genetics of human longevity: an intricacy of genes, environment, culture and microbiome. <i>Mechanisms of Ageing and Development</i> , <b>2017</b> , 165, 147-155	5.6	61
77	Epigenetics and aging. <i>Maturitas</i> , <b>2013</b> , 74, 130-6	5	60
76	Centenarians as super-controls to assess the biological relevance of genetic risk factors for common age-related diseases: a proof of principle on type 2 diabetes. <i>Aging</i> , <b>2013</b> , 5, 373-85	5.6	51
75	Different genetic components in the Norwegian population revealed by the analysis of mtDNA and Y chromosome polymorphisms. <i>European Journal of Human Genetics</i> , <b>2002</b> , 10, 521-9	5.3	50
74	Further support to the uncoupling-to-survive theory: the genetic variation of human UCP genes is associated with longevity. <i>PLoS ONE</i> , <b>2011</b> , 6, e29650	3.7	50
73	MtDNA and Y chromosome polymorphisms in Hungary: inferences from the palaeolithic, neolithic and Uralic influences on the modern Hungarian gene pool. <i>European Journal of Human Genetics</i> , <b>2000</b> , 8, 339-46	5.3	48
72	Epigenetic modifications in multiple myeloma: recent advances on the role of DNA and histone methylation. <i>Expert Opinion on Therapeutic Targets</i> , <b>2017</b> , 21, 91-101	6.4	47
71	Sex and age specificity of susceptibility genes modulating survival at old age. <i>Human Heredity</i> , <b>2006</b> , 62, 213-20	1.1	44
70	Mitochondria in health, aging and diseases: the epigenetic perspective. <i>Biogerontology</i> , <b>2015</b> , 16, 569-85	4.5	42
69	Methylation of the ribosomal RNA gene promoter is associated with aging and age-related decline. <i>Aging Cell</i> , <b>2017</b> , 16, 966-975	9.9	39
68	Epidemiological, genetic and epigenetic aspects of the research on healthy ageing and longevity. <i>Immunity and Ageing</i> , <b>2012</b> , 9, 6	9.7	36
67	Nutrigerontology: a key for achieving successful ageing and longevity. <i>Immunity and Ageing</i> , <b>2016</b> , 13, 17	9.7	36
66	Polymorphisms Falling Within Putative miRNA Target Sites in the 3'UTR Region of SIRT2 and DRD2 Genes Are Correlated With Human Longevity. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2016</b> , 71, 586-92	6.4	33
65	Y chromosome binary markers to study the high prevalence of males in Sardinian centenarians and the genetic structure of the Sardinian population. <i>Human Heredity</i> , <b>2001</b> , 52, 136-9	1.1	33
64	A cross-section analysis of FT3 age-related changes in a group of old and oldest-old subjects, including centenarians. Relatives, shows that a down-regulated thyroid function has a familial component and is related to longevity. <i>Age and Ageing</i> , <b>2010</b> , 39, 723-7	3	31
63	A novel, population-specific approach to define frailty. <i>Age</i> , <b>2010</b> , 32, 385-95		29
62	The methylation of nuclear and mitochondrial DNA in ageing phenotypes and longevity. <i>Mechanisms of Ageing and Development</i> , <b>2017</b> , 165, 156-161	5.6	28

61	Genes associated with Type 2 Diabetes and vascular complications. <i>Aging</i> , <b>2018</b> , 10, 178-196	5.6	27
60	mtDNA mutations in human aging and longevity: controversies and new perspectives opened by high-throughput technologies. <i>Experimental Gerontology</i> , <b>2014</b> , 56, 234-44	4.5	26
59	Centenarians as extreme phenotypes: An ecological perspective to get insight into the relationship between the genetics of longevity and age-associated diseases. <i>Mechanisms of Ageing and Development</i> , <b>2017</b> , 165, 195-201	5.6	25
58	Anti-tumor Activity and Epigenetic Impact of the Polyphenol Oleacein in Multiple Myeloma. <i>Cancers</i> , <b>2019</b> , 11,	6.6	25
57	The 49a,f haplotype 11 is a new marker of the EU19 lineage that traces migrations from northern regions of the Black Sea. <i>Human Immunology</i> , <b>2001</b> , 62, 922-32	2.3	25
56	Expression Patterns of Muscle-Specific miR-133b and miR-206 Correlate with Nutritional Status and Sarcopenia. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	24
55	SIRT1-SIRT3 Axis Regulates Cellular Response to Oxidative Stress and Etoposide. <i>Journal of Cellular Physiology</i> , <b>2017</b> , 232, 1835-1844	7	23
54	Age-and gender-related pattern of methylation in the MT-RNR1 gene. <i>Epigenomics</i> , <b>2015</b> , 7, 707-16	4.4	23
53	Aging and nutrition induce tissue-specific changes on global DNA methylation status in rats. <i>Mechanisms of Ageing and Development</i> , <b>2018</b> , 174, 47-54	5.6	22
52	To grow old in southern Italy: a comprehensive description of the old and oldest old in Calabria. <i>Gerontology</i> , <b>2011</b> , 57, 327-34	5.5	21
51	Mitochondrial function, mitochondrial DNA and ageing: a reappraisal. <i>Biogerontology</i> , <b>2010</b> , 11, 575-88	4.5	20
50	Contribution of genetic polymorphisms on functional status at very old age: a gene-based analysis of 38 genes (311 SNPs) in the oxidative stress pathway. <i>Experimental Gerontology</i> , <b>2014</b> , 52, 23-9	4.5	19
49	Amino acids and amino acid sensing: implication for aging and diseases. <i>Biogerontology</i> , <b>2019</b> , 20, 17-31	4.5	19
48	Genomic history of the Italian population recapitulates key evolutionary dynamics of both Continental and Southern Europeans. <i>BMC Biology</i> , <b>2020</b> , 18, 51	7.3	18
47	Demographic, genetic and phenotypic characteristics of centenarians in Italy: Focus on gender differences. <i>Mechanisms of Ageing and Development</i> , <b>2017</b> , 165, 68-74	5.6	16
46	Thyroid hormones in extreme longevity. <i>Mechanisms of Ageing and Development</i> , <b>2017</b> , 165, 98-106	5.6	16
45	Contribution of polymorphic variation of inositol hexakisphosphate kinase 3 (IP6K3) gene promoter to the susceptibility to late onset Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2016</b> , 1862, 1766-73	6.9	16
44	The impact of nutrients on the aging rate: A complex interaction of demographic, environmental and genetic factors. <i>Mechanisms of Ageing and Development</i> , <b>2016</b> , 154, 49-61	5.6	16

43	Inter-Individual Variability in Xenobiotic-Metabolizing Enzymes: Implications for Human Aging and Longevity. <i>Genes</i> , <b>2019</b> , 10,	4.2	14
42	The genetic component of human longevity: New insights from the analysis of pathway-based SNP-SNP interactions. <i>Aging Cell</i> , <b>2018</b> , 17, e12755	9.9	14
41	Disentangling the Impact of Chronic Kidney Disease, Anemia, and Mobility Limitation on Mortality in Older Patients Discharged From Hospital. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2015</b> , 70, 1120-7	6.4	14
40	Heterogeneity of Thyroid Function and Impact of Peripheral Thyroxine Deiodination in Centenarians and Semi-Supercentenarians: Association With Functional Status and Mortality. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2019</b> , 74, 802-810	6.4	14
39	Metabolism and successful aging: Polymorphic variation of syndecan-4 (SDC4) gene associate with longevity and lipid profile in healthy elderly Italian subjects. <i>Mechanisms of Ageing and Development</i> , <b>2015</b> , 150, 27-33	5.6	13
38	Gut Microbiota as Important Mediator Between Diet and DNA Methylation and Histone Modifications in the Host. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	13
37	Mitochondrial genome and epigenome: two sides of the same coin. <i>Frontiers in Bioscience - Landmark</i> , <b>2017</b> , 22, 888-908	2.8	13
36	Impact of demography and population dynamics on the genetic architecture of human longevity. <i>Aging</i> , <b>2018</b> , 10, 1947-1963	5.6	13
35	Antioxidants and Quality of Aging: Further Evidences for a Major Role of TXNRD1 Gene Variability on Physical Performance at Old Age. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2015</b> , 2015, 926067	6.7	12
34	The Genetic Variability of UCP4 Affects the Individual Susceptibility to Late-Onset Alzheimer's Disease and Modifies the Disease's Risk in APOE-e4 Carriers. <i>Journal of Alzheimer's Disease</i> , <b>2016</b> , 51, 1265-74	4.3	11
33	Epigenetic signature: implications for mitochondrial quality control in human aging. <i>Aging</i> , <b>2019</b> , 11, 1240-1251	5.6	11
32	Whole-genome sequencing analysis of semi-supercentenarians. <i>ELife</i> , <b>2021</b> , 10,	8.9	11
31	Uncoupling protein 4 () gene variability in neurodegenerative disorders: further evidence of association in Frontotemporal dementia. <i>Aging</i> , <b>2018</b> , 10, 3283-3293	5.6	9
30	Erythropoietin (EPO) haplotype associated with all-cause mortality in a cohort of Italian patients with Type-2 Diabetes. <i>Scientific Reports</i> , <b>2019</b> , 9, 10395	4.9	8
29	LAV-BPIFB4 associates with reduced frailty in humans and its transfer prevents frailty progression in old mice. <i>Aging</i> , <b>2019</b> , 11, 6555-6568	5.6	8
28	Evaluation of Lymphocyte Response to the Induced Oxidative Stress in a Cohort of Ageing Subjects, including Semisupercentenarians and Their Offspring. <i>Mediators of Inflammation</i> , <b>2018</b> , 2018, 7109312	4.3	8
27	Low tobacco-related cancer incidence in offspring of long-lived siblings: a comparison with Danish national cancer registry data. <i>Annals of Epidemiology</i> , <b>2015</b> , 25, 569-574.e3	6.4	7
26	A New Robust Epigenetic Model for Forensic Age Prediction. <i>Journal of Forensic Sciences</i> , <b>2020</b> , 65, 1424-1431	11.31	7

25	Association of the Laminin, Alpha 5 (LAMA5) rs4925386 with height and longevity in an elderly population from Southern Italy. <i>Mechanisms of Ageing and Development</i> , <b>2016</b> , 155, 55-9	5.6	7
24	How to classify the oldest old according to their health status: a study on 1160 subjects belonging to 552 90+ Italian sib-ships characterized by familial longevity recruited within the GEHA EU Project. <i>Mechanisms of Ageing and Development</i> , <b>2013</b> , 134, 560-9	5.6	7
23	Individual DNA Methylation Profile is Correlated with Age and can be Targeted to Modulate Healthy Aging and Longevity. <i>Current Pharmaceutical Design</i> , <b>2019</b> , 25, 4139-4149	3.3	6
22	A Genetic Variant of ASCT2 Hampers In Vitro RNA Splicing and Correlates with Human Longevity. <i>Rejuvenation Research</i> , <b>2018</b> , 21, 193-199	2.6	5
21	IP6K3 and IPMK variations in LOAD and longevity: Evidence for a multifaceted signaling network at the crossroad between neurodegeneration and survival. <i>Mechanisms of Ageing and Development</i> , <b>2021</b> , 195, 111439	5.6	5
20	Thyroid hormones and frailty in persons experiencing extreme longevity. <i>Experimental Gerontology</i> , <b>2020</b> , 138, 111000	4.5	4
19	rRNA-gene methylation and biological aging. <i>Aging</i> , <b>2018</b> , 10, 7-8	5.6	4
18	Inositol Polyphosphate Multikinase (), a Gene Coding for a Potential Moonlighting Protein, Contributes to Human Female Longevity. <i>Genes</i> , <b>2019</b> , 10,	4.2	4
17	Cardiovascular risk profiling of long-lived people shows peculiar associations with mortality compared with younger individuals. <i>Geriatrics and Gerontology International</i> , <b>2019</b> , 19, 165-170	2.9	4
16	Pleiotropic effects of UCP2-UCP3 variability on leucocyte telomere length and glucose homeostasis. <i>Biogerontology</i> , <b>2017</b> , 18, 347-355	4.5	3
15	Microbiome in Blood Samples From the General Population Recruited in the MARK-AGE Project: A Pilot Study. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 707515	5.7	3
14	No association between frailty index and epigenetic clocks in Italian semi-supercentenarians. <i>Mechanisms of Ageing and Development</i> , <b>2021</b> , 197, 111514	5.6	3
13	Frequency of Cardiovascular Genetic Risk Factors in a Calabrian Population and Their Effects on Dementia. <i>Journal of Alzheimer's Disease</i> , <b>2018</b> , 61, 1179-1187	4.3	2
12	Association between IGF-1 levels ranges and all-cause mortality: A meta-analysis.. <i>Aging Cell</i> , <b>2022</b> , e13540	5.9	2
11	Antibacterial Activity and Epigenetic Remodeling of Essential Oils from Calabrian Aromatic Plants.. <i>Nutrients</i> , <b>2022</b> , 14,	6.7	2
10	Physical decline and survival in the elderly are affected by the genetic variability of amino acid transporter genes. <i>Aging</i> , <b>2018</b> , 10, 658-673	5.6	2
9	Specific features of the oldest old from the Longevity Blue Zones in Ikaria and Sardinia. <i>Mechanisms of Ageing and Development</i> , <b>2021</b> , 198, 111543	5.6	2
8	Multi-Tissue DNA Methylation Remodeling at Mitochondrial Quality Control Genes According to Diet in Rat Aging Models. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	1

7	Epigenetics and Ageing <b>2019</b> , 99-133		1
6	Mini Nutritional Assessment Scores Indicate Higher Risk for Prospective Mortality and Contrasting Correlation With Age-Related Epigenetic Biomarkers. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 672	5.7	1
5	Pediatric Non-Alcoholic Fatty Liver Disease Is Affected by Genetic Variants Involved in Lifespan/Healthspan. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2021</b> , 73, 161-168	2.8	1
4	Telomere length as a function of age at population level parallels human survival curves. <i>Aging</i> , <b>2021</b> , 13, 204-218	5.6	1
3	MiR-29b Exerts Anti-Multiple Myeloma Activity by Targeting Key Oncogenic Pathways and Modulating DNA Methylation Profile.. <i>Blood</i> , <b>2012</b> , 120, 2941-2941	2.2	
2	Different components of frailty in the aging subjects—The role of sarcopenia <b>2021</b> , 173-205		
1	Clinical and Prognostic Implications of Estimating Glomerular Filtration Rate by Three Different Creatinine-Based Equations in Older Nursing Home Residents.. <i>Frontiers in Medicine</i> , <b>2022</b> , 9, 870835	4.9	