

# Giuseppe Passarino

## List of Publications by Year in descending order

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100  
papers

7,028  
citations

117625

34  
h-index

60623

81  
g-index

104  
all docs

104  
docs citations

104  
times ranked

10015  
citing authors

#	ARTICLE	IF	CITATIONS
1	Y chromosome sequence variation and the history of human populations. <i>Nature Genetics</i> , 2000, 26, 358-361.	21.4	935
2	The Genetic Legacy of Paleolithic <i>Homo sapiens sapiens</i> in Extant Europeans: A Y Chromosome Perspective. <i>Science</i> , 2000, 290, 1155-1159.	12.6	783
3	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> , 2014, 19, 407-417.	16.2	715
4	Interventions to Slow Aging in Humans: Are We Ready?. <i>Aging Cell</i> , 2015, 14, 497-510.	6.7	481
5	A novel VNTR enhancer within the SIRT3 gene, a human homologue of SIR2, is associated with survival at oldest ages. <i>Genomics</i> , 2005, 85, 258-263.	2.9	339
6	Decreased epigenetic age of PBMCs from Italian semi-supercentenarians and their offspring. <i>Aging</i> , 2015, 7, 1159-1170.	3.1	276
7	Genome-wide association meta-analysis of human longevity identifies a novel locus conferring survival beyond 90 years of age. <i>Human Molecular Genetics</i> , 2014, 23, 4420-4432.	2.9	227
8	The Control Region of Mitochondrial DNA Shows an Unusual CpG and Non-CpG Methylation Pattern. <i>DNA Research</i> , 2013, 20, 537-547.	3.4	221
9	Different Genetic Components in the Ethiopian Population, Identified by mtDNA and Y-Chromosome Polymorphisms. <i>American Journal of Human Genetics</i> , 1998, 62, 420-434.	6.2	140
10	Human longevity: Genetics or Lifestyle? It takes two to tango. <i>Immunity and Ageing</i> , 2016, 13, 12.	4.2	121
11	Evidence for Sub-Haplogroup H5 of Mitochondrial DNA as a Risk Factor for Late Onset Alzheimer's Disease. <i>PLoS ONE</i> , 2010, 5, e12037.	2.5	117
12	Global DNA methylation levels are modulated by mitochondrial DNA variants. <i>Epigenomics</i> , 2012, 4, 17-27.	2.1	117
13	Paradoxes in longevity: sequence analysis of mtDNA haplogroup J in centenarians. <i>European Journal of Human Genetics</i> , 2001, 9, 701-707.	2.8	116
14	Global DNA methylation in old subjects is correlated with frailty. <i>Age</i> , 2012, 34, 169-179.	3.0	91
15	Handgrip Strength Among Nonagenarians and Centenarians in Three European Regions. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2006, 61, 707-712.	3.6	86
16	Exploring the Role of Genetic Variability and Lifestyle in Oxidative Stress Response for Healthy Aging and Longevity. <i>International Journal of Molecular Sciences</i> , 2013, 14, 16443-16472.	4.1	86
17	The 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> , 2014, 13, 401-407.	6.7	85
18	The genetics of human longevity: an intricacy of genes, environment, culture and microbiome. <i>Mechanisms of Ageing and Development</i> , 2017, 165, 147-155.	4.6	79

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19	Epigenetics and aging. <i>Maturitas</i> , 2013, 74, 130-136.	2.4	72
20	Maori origins, Y-chromosome haplotypes and implications for human history in the Pacific. <i>Human Mutation</i> , 2001, 17, 271-280.	2.5	70
21	Methylation of the ribosomal RNA gene promoter is associated with aging and age-related decline. <i>Aging Cell</i> , 2017, 16, 966-975.	6.7	63
22	Further Support to the Uncoupling-to-Survive Theory: The Genetic Variation of Human UCP Genes Is Associated with Longevity. <i>PLoS ONE</i> , 2011, 6, e29650.	2.5	60
23	Mitochondria in health, aging and diseases: the epigenetic perspective. <i>Biogerontology</i> , 2015, 16, 569-585.	3.9	57
24	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> , 2013, 5, 373-385.	3.1	57
25	Different genetic components in the Norwegian population revealed by the analysis of mtDNA and Y chromosome polymorphisms. <i>European Journal of Human Genetics</i> , 2002, 10, 521-529.	2.8	55
26	Nutrigerontology: a key for achieving successful ageing and longevity. <i>Immunity and Ageing</i> , 2016, 13, 17.	4.2	55
27	Epigenetic modifications in multiple myeloma: recent advances on the role of DNA and histone methylation. <i>Expert Opinion on Therapeutic Targets</i> , 2017, 21, 91-101.	3.4	54
28	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> , 2000, 8, 339-346.	2.8	52
29	Anti-tumor Activity and Epigenetic Impact of the Polyphenol Oleacein in Multiple Myeloma. <i>Cancers</i> , 2019, 11, 990.	3.7	47
30	Sex and Age Specificity of Susceptibility Genes Modulating Survival at Old Age. <i>Human Heredity</i> , 2006, 62, 213-220.	0.8	46
31	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> , 2010, 39, 723-727.	1.6	43
32	Epidemiological, genetic and epigenetic aspects of the research on healthy ageing and longevity. <i>Immunity and Ageing</i> , 2012, 9, 6.	4.2	43
33	Polymorphisms Falling Within Putative miRNA Target Sites in the 3'UTR Region of <i>SIRT2</i> and <i>DRD2</i> Genes Are Correlated With Human Longevity. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 586-592.	3.6	41
34	mtDNA mutations in human aging and longevity: Controversies and new perspectives opened by high-throughput technologies. <i>Experimental Gerontology</i> , 2014, 56, 234-244.	2.8	39
35	SIRT1-SIRT3 Axis Regulates Cellular Response to Oxidative Stress and Etoposide. <i>Journal of Cellular Physiology</i> , 2017, 232, 1835-1844.	4.1	39
36	Genes associated with Type 2 Diabetes and vascular complications. <i>Aging</i> , 2018, 10, 178-196.	3.1	37

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37	Expression Patterns of Muscle-Specific miR-133b and miR-206 Correlate with Nutritional Status and Sarcopenia. <i>Nutrients</i> , 2020, 12, 297.	4.1	37
38	Whole-genome sequencing analysis of semi-supercentenarians. <i>ELife</i> , 2021, 10, .	6.0	37
39	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> , 2001, 52, 136-139.	0.8	36
40	The methylation of nuclear and mitochondrial DNA in ageing phenotypes and longevity. <i>Mechanisms of Ageing and Development</i> , 2017, 165, 156-161.	4.6	36
41	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> , 2017, 165, 195-201.	4.6	36
42	A novel, population-specific approach to define frailty. <i>Age</i> , 2010, 32, 385-395.	3.0	32
43	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> , 2019, 74, 802-810.	3.6	32
44	Age-and gender-related pattern of methylation in the <i>MT-RNR1</i> gene. <i>Epigenomics</i> , 2015, 7, 707-716.	2.1	31
45	Aging and nutrition induce tissue-specific changes on global DNA methylation status in rats. <i>Mechanisms of Ageing and Development</i> , 2018, 174, 47-54.	4.6	31
46	Centenarians as a 21st century healthy aging model: A legacy of humanity and the need for a world-wide consortium (WWC100+). <i>Mechanisms of Ageing and Development</i> , 2017, 165, 55-58.	4.6	30
47	Amino acids and amino acid sensing: implication for aging and diseases. <i>Biogerontology</i> , 2019, 20, 17-31.	3.9	30
48	Gut Microbiota as Important Mediator Between Diet and DNA Methylation and Histone Modifications in the Host. <i>Nutrients</i> , 2020, 12, 597.	4.1	30
49	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> , 2001, 62, 922-932.	2.4	27
50	Microbiome in Blood Samples From the General Population Recruited in the MARK-AGE Project: A Pilot Study. <i>Frontiers in Microbiology</i> , 2021, 12, 707515.	3.5	27
51	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> , 2016, 1862, 1766-1773.	3.8	26
52	The impact of nutrients on the aging rate: A complex interaction of demographic, environmental and genetic factors. <i>Mechanisms of Ageing and Development</i> , 2016, 154, 49-61.	4.6	26
53	Demographic, genetic and phenotypic characteristics of centenarians in Italy: Focus on gender differences. <i>Mechanisms of Ageing and Development</i> , 2017, 165, 68-74.	4.6	26
54	Genomic history of the Italian population recapitulates key evolutionary dynamics of both Continental and Southern Europeans. <i>BMC Biology</i> , 2020, 18, 51.	3.8	26

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55	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> , 2014, 52, 23-29.	2.8	25
56	The genetic component of human longevity: New insights from the analysis of pathway-based <sc>SNP</sc>-<sc>SNP</sc> interactions. <i>Aging Cell</i> , 2018, 17, e12755.	6.7	24
57	A New Robust Epigenetic Model for Forensic Age Prediction. <i>Journal of Forensic Sciences</i> , 2020, 65, 1424-1431.	1.6	24
58	To Grow Old in Southern Italy: A Comprehensive Description of the Old and Oldest Old in Calabria. <i>Gerontology</i> , 2011, 57, 327-334.	2.8	23
59	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> , 2015, 70, 1120-1127.	3.6	23
60	Thyroid hormones in extreme longevity. <i>Mechanisms of Ageing and Development</i> , 2017, 165, 98-106.	4.6	23
61	Mitochondrial function, mitochondrial DNA and ageing: a reappraisal. <i>Biogerontology</i> , 2010, 11, 575-588.	3.9	21
62	Inter-Individual Variability in Xenobiotic-Metabolizing Enzymes: Implications for Human Aging and Longevity. <i>Genes</i> , 2019, 10, 403.	2.4	20
63	Association between IGF&#x1 levels ranges and all&#x9cause mortality: A meta&#x9analysis. <i>Aging Cell</i> , 2022, 21, e13540.	6.7	20
64	Specific features of the oldest old from the Longevity Blue Zones in Ikaria and Sardinia. <i>Mechanisms of Ageing and Development</i> , 2021, 198, 111543.	4.6	19
65	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> , 2015, 150, 27-33.	4.6	17
66	Thyroid hormones and frailty in persons experiencing extreme longevity. <i>Experimental Gerontology</i> , 2020, 138, 111000.	2.8	17
67	Antioxidants and Quality of Aging: Further Evidences for a Major Role of <i>TXNRD1</i> Gene Variability on Physical Performance at Old Age. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-7.	4.0	16
68	Mitochondrial genome and epigenome two sides of the same coin. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 888-908.	3.0	16
69	Impact of demography and population dynamics on the genetic architecture of human longevity. <i>Aging</i> , 2018, 10, 1947-1963.	3.1	16
70	Epigenetic signature: implications for mitochondrial quality control in human aging. <i>Aging</i> , 2019, 11, 1240-1251.	3.1	16
71	The Genetic Variability of UCP4 Affects the Individual Susceptibility to Late-Onset Alzheimer&#x9s Disease and Modifies the Disease&#x9s Risk in APOE-É4 Carriers. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 1265-1274.	2.6	15
72	LAV-BPIFB4 associates with reduced frailty in humans and its transfer prevents frailty progression in old mice. <i>Aging</i> , 2019, 11, 6555-6568.	3.1	15

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73	Erythropoietin (EPO) haplotype associated with all-cause mortality in a cohort of Italian patients with Type-2 Diabetes. <i>Scientific Reports</i> , 2019, 9, 10395.	3.3	13
74	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> , 2018, 2018, 1-14.	3.0	11
75	Antibacterial Activity and Epigenetic Remodeling of Essential Oils from Calabrian Aromatic Plants. <i>Nutrients</i> , 2022, 14, 391.	4.1	11
76	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> , 2013, 134, 560-569.	4.6	10
77	Telomere length as a function of age at population level parallels human survival curves. <i>Aging</i> , 2021, 13, 204-218.	3.1	10
78	Uncoupling protein 4 (UCP4) gene variability in neurodegenerative disorders: further evidence of association in Frontotemporal dementia. <i>Aging</i> , 2018, 10, 3283-3293.	3.1	10
79	Low tobacco-related cancer incidence in offspring of long-lived siblings: a comparison with Danish national cancer registry data. <i>Annals of Epidemiology</i> , 2015, 25, 569-574.e3.	1.9	9
80	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> , 2021, 195, 111439.	4.6	9
81	No association between frailty index and epigenetic clocks in Italian semi-supercentenarians. <i>Mechanisms of Ageing and Development</i> , 2021, 197, 111514.	4.6	8
82	Individual DNA Methylation Profile is Correlated with Age and can be Targeted to Modulate Healthy Aging and Longevity. <i>Current Pharmaceutical Design</i> , 2019, 25, 4139-4149.	1.9	8
83	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> , 2016, 155, 55-59.	4.6	7
84	rRNA-gene methylation and biological aging. <i>Aging</i> , 2018, 10, 7-8.	3.1	7
85	Multi-Tissue DNA Methylation Remodeling at Mitochondrial Quality Control Genes According to Diet in Rat Aging Models. <i>Nutrients</i> , 2020, 12, 460.	4.1	6
86	Physical decline and survival in the elderly are affected by the genetic variability of amino acid transporter genes. <i>Aging</i> , 2018, 10, 658-673.	3.1	6
87	Frequency of Cardiovascular Genetic Risk Factors in a Calabrian Population and Their Effects on Dementia. <i>Journal of Alzheimer's Disease</i> , 2018, 61, 1179-1187.	2.6	5
88	A Genetic Variant of ASCT2 Hampers In Vitro RNA Splicing and Correlates with Human Longevity. <i>Rejuvenation Research</i> , 2018, 21, 193-199.	1.8	5
89	Cardiovascular risk profiling of long-lived people shows peculiar associations with mortality compared with younger individuals. <i>Geriatrics and Gerontology International</i> , 2018, 19, 165-170.	1.5	5
90	Inositol Polyphosphate Multikinase (IPMK), a Gene Coding for a Potential Moonlighting Protein, Contributes to Human Female Longevity. <i>Genes</i> , 2019, 10, 125.	2.4	5

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91	Epigenetic Regulation of Mitochondrial Quality Control Genes in Multiple Myeloma: A Sequenom MassARRAY Pilot Investigation on HMCLs. <i>Journal of Clinical Medicine</i> , 2021, 10, 1295.	2.4	5
92	Impact of Nutrition on Age-Related Epigenetic RNA Modifications in Rats. <i>Nutrients</i> , 2022, 14, 1232.	4.1	5
93	Pediatric Non-Alcoholic Fatty Liver Disease Is Affected by Genetic Variants Involved in Lifespan/Healthspan. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2021, 73, 161-168.	1.8	4
94	Pleiotropic effects of UCP2/UCP3 variability on leucocyte telomere length and glucose homeostasis. <i>Biogerontology</i> , 2017, 18, 347-355.	3.9	3
95	Epigenetics and Ageing. , 2019, , 99-133.		3
96	Aging and Longevity between Genetic Background and Lifestyle Intervention. <i>BioMed Research International</i> , 2014, 2014, 1-2.	1.9	2
97	Mini Nutritional Assessment Scores Indicate Higher Risk for Prospective Mortality and Contrasting Correlation With Age-Related Epigenetic Biomarkers. <i>Frontiers in Endocrinology</i> , 2019, 10, 672.	3.5	1
98	MiR-29b Exerts Anti-Multiple Myeloma Activity by Targeting Key Oncogenic Pathways and Modulating DNA Methylation Profile.. <i>Blood</i> , 2012, 120, 2941-2941.	1.4	1
99	Different components of frailty in the aging subjects – The role of sarcopenia. , 2021, , 173-205.		0
100	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> , 2022, 9, 870835.	2.6	0