Giuseppe Passarino

List of Publications by Year in Descending Order

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	Association between IGF-1 levels ranges and all-cause mortality: A meta-analysis.. *Aging Cell*, **2022**, e13540	9.9	2
95	Antibacterial Activity and Epigenetic Remodeling of Essential Oils from Calabrian Aromatic Plants.. *Nutrients*, **2022**, 14,	6.7	2
94	Clinical and Prognostic Implications of Estimating Glomerular Filtration Rate by Three Different Creatinine-Based Equations in Older Nursing Home Residents.. *Frontiers in Medicine*, **2022**, 9, 870835	4.9	
93	Pediatric Non-Alcoholic Fatty Liver Disease Is Affected by Genetic Variants Involved in Lifespan/Healthspan. *Journal of Pediatric Gastroenterology and Nutrition*, **2021**, 73, 161-168	2.8	1
92	IP6K3 and IPMK variations in LOAD and longevity: Evidence for a multifaceted signaling network at the crossroad between neurodegeneration and survival. *Mechanisms of Ageing and Development*, **2021**, 195, 111439	5.6	5
91	Whole-genome sequencing analysis of semi-supercentenarians. *ELife*, **2021**, 10,	8.9	11
90	Microbiome in Blood Samples From the General Population Recruited in the MARK-AGE Project: A Pilot Study. *Frontiers in Microbiology*, **2021**, 12, 707515	5.7	3
89	No association between frailty index and epigenetic clocks in Italian semi-supercentenarians. *Mechanisms of Ageing and Development*, **2021**, 197, 111514	5.6	3
88	Specific features of the oldest old from the Longevity Blue Zones in Ikaria and Sardinia. *Mechanisms of Ageing and Development*, **2021**, 198, 111543	5.6	2
87	Different components of frailty in the aging subjects The role of sarcopenia **2021**, 173-205		
86	Telomere length as a function of age at population level parallels human survival curves. *Aging*, **2021**, 13, 204-218	5.6	1
85	A New Robust Epigenetic Model for Forensic Age Prediction. *Journal of Forensic Sciences*, **2020**, 65, 1424-1431	1.8	7
84	Thyroid hormones and frailty in persons experiencing extreme longevity. *Experimental Gerontology*, **2020**, 138, 111000	4.5	4
83	Gut Microbiota as Important Mediator Between Diet and DNA Methylation and Histone Modifications in the Host. *Nutrients*, **2020**, 12,	6.7	13
82	Multi-Tissue DNA Methylation Remodeling at Mitochondrial Quality Control Genes According to Diet in Rat Aging Models. *Nutrients*, **2020**, 12,	6.7	1
81	Expression Patterns of Muscle-Specific miR-133b and miR-206 Correlate with Nutritional Status and Sarcopenia. *Nutrients*, **2020**, 12,	6.7	24
80	Genomic history of the Italian population recapitulates key evolutionary dynamics of both Continental and Southern Europeans. *BMC Biology*, **2020**, 18, 51	7.3	18

79	Inter-Individual Variability in Xenobiotic-Metabolizing Enzymes: Implications for Human Aging and Longevity. *Genes*, **2019**, 10,	4.2	14
78	Epigenetics and Ageing **2019**, 99-133		1
77	Erythropoietin (EPO) haplotype associated with all-cause mortality in a cohort of Italian patients with Type-2 Diabetes. *Scientific Reports*, **2019**, 9, 10395	4.9	8
76	Anti-tumor Activity and Epigenetic Impact of the Polyphenol Oleacein in Multiple Myeloma. *Cancers* , **2019**, 11,	6.6	25
75	Mini Nutritional Assessment Scores Indicate Higher Risk for Prospective Mortality and Contrasting Correlation With Age-Related Epigenetic Biomarkers. *Frontiers in Endocrinology*, **2019**, 10, 672	5.7	1
74	Epigenetic signature: implications for mitochondrial quality control in human aging. *Aging*, **2019**, 11, 1240-1251	5.6	11
73	LAV-BPIFB4 associates with reduced frailty in humans and its transfer prevents frailty progression in old mice. *Aging*, **2019**, 11, 6555-6568	5.6	8
72	Individual DNA Methylation Profile is Correlated with Age and can be Targeted to Modulate Healthy Aging and Longevity. *Current Pharmaceutical Design*, **2019**, 25, 4139-4149	3.3	6
71	Inositol Polyphosphate Multikinase (), a Gene Coding for a Potential Moonlighting Protein, Contributes to Human Female Longevity. *Genes*, **2019**, 10,	4.2	4
70	Heterogeneity of Thyroid Function and Impact of Peripheral Thyroxine Deiodination in Centenarians and Semi-Supercentenarians: Association With Functional Status and Mortality. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2019**, 74, 802-810	6.4	14
69	Amino acids and amino acid sensing: implication for aging and diseases. *Biogerontology*, **2019**, 20, 17-31	4.5	19
68	Cardiovascular risk profiling of long-lived people shows peculiar associations with mortality compared with younger individuals. *Geriatrics and Gerontology International*, **2019**, 19, 165-170	2.9	4
67	The genetic component of human longevity: New insights from the analysis of pathway-based SNP-SNP interactions. *Aging Cell*, **2018**, 17, e12755	9.9	14
66	Frequency of Cardiovascular Genetic Risk Factors in a Calabrian Population and Their Effects on Dementia. *Journal of Alzheimerss Disease*, **2018**, 61, 1179-1187	4.3	2
65	Aging and nutrition induce tissue-specific changes on global DNA methylation status in rats. *Mechanisms of Ageing and Development*, **2018**, 174, 47-54	5.6	22
64	A Genetic Variant of ASCT2 Hampers In Vitro RNA Splicing and Correlates with Human Longevity. *Rejuvenation Research*, **2018**, 21, 193-199	2.6	5
63	rRNA-gene methylation and biological aging. *Aging*, **2018**, 10, 7-8	5.6	4
62	Physical decline and survival in the elderly are affected by the genetic variability of amino acid transporter genes. *Aging*, **2018**, 10, 658-673	5.6	2

61	Impact of demography and population dynamics on the genetic architecture of human longevity. *Aging*, **2018**, 10, 1947-1963	5.6	13
60	Uncoupling protein 4 () gene variability in neurodegenerative disorders: further evidence of association in Frontotemporal dementia. *Aging*, **2018**, 10, 3283-3293	5.6	9
59	Genes associated with Type 2 Diabetes and vascular complications. *Aging*, **2018**, 10, 178-196	5.6	27
58	Evaluation of Lymphocyte Response to the Induced Oxidative Stress in a Cohort of Ageing Subjects, including Semisupercentenarians and Their Offspring. *Mediators of Inflammation*, **2018**, 2018, 7109312	4.3	8
57	The methylation of nuclear and mitochondrial DNA in ageing phenotypes and longevity. *Mechanisms of Ageing and Development*, **2017**, 165, 156-161	5.6	28
56	Centenarians as extreme phenotypes: An ecological perspective to get insight into the relationship between the genetics of longevity and age-associated diseases. *Mechanisms of Ageing and Development*, **2017**, 165, 195-201	5.6	25
55	Demographic, genetic and phenotypic characteristics of centenarians in Italy: Focus on gender differences. *Mechanisms of Ageing and Development*, **2017**, 165, 68-74	5.6	16
54	Epigenetic modifications in multiple myeloma: recent advances on the role of DNA and histone methylation. *Expert Opinion on Therapeutic Targets*, **2017**, 21, 91-101	6.4	47
53	Methylation of the ribosomal RNA gene promoter is associated with aging and age-related decline. *Aging Cell*, **2017**, 16, 966-975	9.9	39
52	The genetics of human longevity: an intricacy of genes, environment, culture and microbiome. *Mechanisms of Ageing and Development*, **2017**, 165, 147-155	5.6	61
51	Thyroid hormones in extreme longevity. *Mechanisms of Ageing and Development*, **2017**, 165, 98-106	5.6	16
50	Pleiotropic effects of UCP2-UCP3 variability on leucocyte telomere length and glucose homeostasis. *Biogerontology*, **2017**, 18, 347-355	4.5	3
49	SIRT1-SIRT3 Axis Regulates Cellular Response to Oxidative Stress and Etoposide. *Journal of Cellular Physiology*, **2017**, 232, 1835-1844	7	23
48	Mitochondrial genome and epigenome: two sides of the same coin. *Frontiers in Bioscience - Landmark*, **2017**, 22, 888-908	2.8	13
47	Polymorphisms Falling Within Putative miRNA Target Sites in the 3′UTR Region of SIRT2 and DRD2 Genes Are Correlated With Human Longevity. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2016**, 71, 586-92	6.4	33
46	Contribution of polymorphic variation of inositol hexakisphosphate kinase 3 (IP6K3) gene promoter to the susceptibility to late onset Alzheimer's disease. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2016**, 1862, 1766-73	6.9	16
45	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. *Journal of Alzheimer's Disease*, **2016**, 51, 1265-74	4.3	11
44	Human longevity: Genetics or Lifestyle? It takes two to tango. *Immunity and Ageing*, **2016**, 13, 12	9.7	90

43	Association of the Laminin, Alpha 5 (LAMA5) rs4925386 with height and longevity in an elderly population from Southern Italy. *Mechanisms of Ageing and Development*, **2016**, 155, 55-9	5.6	7
42	The impact of nutrients on the aging rate: A complex interaction of demographic, environmental and genetic factors. *Mechanisms of Ageing and Development*, **2016**, 154, 49-61	5.6	16
41	Nutrigerontology: a key for achieving successful ageing and longevity. *Immunity and Ageing*, **2016**, 13, 17	9.7	36
40	Mitochondria in health, aging and diseases: the epigenetic perspective. *Biogerontology*, **2015**, 16, 569-85	4.5	42
39	Low tobacco-related cancer incidence in offspring of long-lived siblings: a comparison with Danish national cancer registry data. *Annals of Epidemiology*, **2015**, 25, 569-574.e3	6.4	7
38	Metabolism and successful aging: Polymorphic variation of syndecan-4 (SDC4) gene associate with longevity and lipid profile in healthy elderly Italian subjects. *Mechanisms of Ageing and Development* , **2015**, 150, 27-33	5.6	13
37	Age-and gender-related pattern of methylation in the MT-RNR1 gene. *Epigenomics*, **2015**, 7, 707-16	4.4	23
36	Interventions to Slow Aging in Humans: Are We Ready?. *Aging Cell*, **2015**, 14, 497-510	9.9	373
35	Antioxidants and Quality of Aging: Further Evidences for a Major Role of TXNRD1 Gene Variability on Physical Performance at Old Age. *Oxidative Medicine and Cellular Longevity*, **2015**, 2015, 926067	6.7	12
34	Disentangling the Impact of Chronic Kidney Disease, Anemia, and Mobility Limitation on Mortality in Older Patients Discharged From Hospital. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2015**, 70, 1120-7	6.4	14
33	Decreased epigenetic age of PBMCs from Italian semi-supercentenarians and their offspring. *Aging*, **2015**, 7, 1159-70	5.6	211
32	mtDNA mutations in human aging and longevity: controversies and new perspectives opened by high-throughput technologies. *Experimental Gerontology*, **2014**, 56, 234-44	4.5	26
31	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. *Experimental Gerontology*, **2014**, 52, 23-9	4.5	19
30	Genome-wide association meta-analysis of human longevity identifies a novel locus conferring survival beyond 90 years of age. *Human Molecular Genetics*, **2014**, 23, 4420-32	5.6	188
29	The co-occurrence of mtDNA mutations on different oxidative phosphorylation subunits, not detected by haplogroup analysis, affects human longevity and is population specific. *Aging Cell*, **2014**, 13, 401-7	9.9	66
28	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. *Cell Metabolism*, **2014**, 19, 407-17	24.6	504
27	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. *Mechanisms of Ageing and Development*, **2013**, 134, 560-9	5.6	7
26	Epigenetics and aging. *Maturitas*, **2013**, 74, 130-6	5	60

25	The control region of mitochondrial DNA shows an unusual CpG and non-CpG methylation pattern. *DNA Research*, **2013**, 20, 537-47	4.5	178
24	Exploring the role of genetic variability and lifestyle in oxidative stress response for healthy aging and longevity. *International Journal of Molecular Sciences*, **2013**, 14, 16443-72	6.3	65
23	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. *Aging*, **2013**, 5, 373-85	5.6	51
22	Epidemiological, genetic and epigenetic aspects of the research on healthy ageing and longevity. *Immunity and Ageing*, **2012**, 9, 6	9.7	36
21	Global DNA methylation in old subjects is correlated with frailty. *Age*, **2012**, 34, 169-79		78
20	Global DNA methylation levels are modulated by mitochondrial DNA variants. *Epigenomics*, **2012**, 4, 17-27	4.4	94
19	MiR-29b Exerts Anti-Multiple Myeloma Activity by Targeting Key Oncogenic Pathways and Modulating DNA Methylation Profile.. *Blood*, **2012**, 120, 2941-2941	2.2	
18	To grow old in southern Italy: a comprehensive description of the old and oldest old in Calabria. *Gerontology*, **2011**, 57, 327-34	5.5	21
17	Further support to the uncoupling-to-survive theory: the genetic variation of human UCP genes is associated with longevity. *PLoS ONE*, **2011**, 6, e29650	3.7	50
16	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. *Age and Ageing*, **2010**, 39, 723-7	3	31
15	Evidence for sub-haplogroup h5 of mitochondrial DNA as a risk factor for late onset Alzheimer's disease. *PLoS ONE*, **2010**, 5, e12037	3.7	87
14	Mitochondrial function, mitochondrial DNA and ageing: a reappraisal. *Biogerontology*, **2010**, 11, 575-88	4.5	20
13	A novel, population-specific approach to define frailty. *Age*, **2010**, 32, 385-95		29
12	Handgrip strength among nonagenarians and centenarians in three European regions. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2006**, 61, 707-12	6.4	76
11	Sex and age specificity of susceptibility genes modulating survival at old age. *Human Heredity*, **2006** , 62, 213-20	1.1	44
10	A novel VNTR enhancer within the SIRT3 gene, a human homologue of SIR2, is associated with survival at oldest ages. *Genomics*, **2005**, 85, 258-63	4.3	313
9	Different genetic components in the Norwegian population revealed by the analysis of mtDNA and Y chromosome polymorphisms. *European Journal of Human Genetics*, **2002**, 10, 521-9	5.3	50
8	Y chromosome binary markers to study the high prevalence of males in Sardinian centenarians and the genetic structure of the Sardinian population. *Human Heredity*, **2001**, 52, 136-9	1.1	33

7	Maori origins, Y-chromosome haplotypes and implications for human history in the Pacific. *Human Mutation*, **2001**, 17, 271-80	4.7	62
6	Paradoxes in longevity: sequence analysis of mtDNA haplogroup J in centenarians. *European Journal of Human Genetics*, **2001**, 9, 701-7	5.3	109
5	The 49a,f haplotype 11 is a new marker of the EU19 lineage that traces migrations from northern regions of the Black Sea. *Human Immunology*, **2001**, 62, 922-32	2.3	25
4	Y chromosome sequence variation and the history of human populations. *Nature Genetics*, **2000**, 26, 358-61	36.3	801
3	MtDNA and Y chromosome polymorphisms in Hungary: inferences from the palaeolithic, neolithic and Uralic influences on the modern Hungarian gene pool. *European Journal of Human Genetics*, **2000**, 8, 339-46	5.3	48
2	The genetic legacy of Paleolithic Homo sapiens sapiens in extant Europeans: a Y chromosome perspective. *Science*, **2000**, 290, 1155-9	33.3	666
1	Different genetic components in the Ethiopian population, identified by mtDNA and Y-chromosome polymorphisms. *American Journal of Human Genetics*, **1998**, 62, 420-34	11	125