

Fabiola Olivieri

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217
papers

12,895
citations

55
h-index

108
g-index

230
ext. papers

14,951
ext. citations

5.8
avg, IF

6.1
L-index

#	Paper	IF	Citations
217	Inflamm-aging. An evolutionary perspective on immunosenescence. <i>Annals of the New York Academy of Sciences</i> , 2000 , 908, 244-54	6.5	2822
216	Inflammaging and anti-inflammaging: a systemic perspective on aging and longevity emerged from studies in humans. <i>Mechanisms of Ageing and Development</i> , 2007 , 128, 92-105	5.6	1433
215	A gender-dependent genetic predisposition to produce high levels of IL-6 is detrimental for longevity. <i>European Journal of Immunology</i> , 2001 , 31, 2357-2361	6.1	262
214	Polymorphic variants of insulin-like growth factor I (IGF-I) receptor and phosphoinositide 3-kinase genes affect IGF-I plasma levels and human longevity: cues for an evolutionarily conserved mechanism of life span control. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 3299-304	5.6	251
213	Chronic inflammation and the effect of IGF-I on muscle strength and power in older persons. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 284, E481-7	6	219
212	Age-related differences in the expression of circulating microRNAs: miR-21 as a new circulating marker of inflammaging. <i>Mechanisms of Ageing and Development</i> , 2012 , 133, 675-85	5.6	189
211	Diagnostic potential of circulating miR-499-5p in elderly patients with acute non ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2013 , 167, 531-6	3.2	179
210	Genes involved in immune response/inflammation, IGF1/insulin pathway and response to oxidative stress play a major role in the genetics of human longevity: the lesson of centenarians. <i>Mechanisms of Ageing and Development</i> , 2005 , 126, 351-61	5.6	175
209	MiR-146a as marker of senescence-associated pro-inflammatory status in cells involved in vascular remodelling. <i>Age</i> , 2013 , 35, 1157-72		155
208	Bioinformatic tools for microRNA dissection. <i>Nucleic Acids Research</i> , 2016 , 44, 24-44	20.1	151
207	The integration of inflammaging in age-related diseases. <i>Seminars in Immunology</i> , 2018 , 40, 17-35	10.7	148
206	MicroRNAs linking inflamm-aging, cellular senescence and cancer. <i>Ageing Research Reviews</i> , 2013 , 12, 1056-68	12	147
205	MitomiRs in human inflamm-aging: a hypothesis involving miR-181a, miR-34a and miR-146a. <i>Experimental Gerontology</i> , 2014 , 56, 154-63	4.5	145
204	Strikingly higher frequency in centenarians and twins of mtDNA mutation causing remodeling of replication origin in leukocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 1116-21	11.5	145
203	Inflammation, genetics, and longevity: further studies on the protective effects in men of IL-10 -1082 promoter SNP and its interaction with TNF-alpha -308 promoter SNP. <i>Journal of Medical Genetics</i> , 2003 , 40, 296-9	5.8	144
202	Interleukin-6 gene alleles affect the risk of Alzheimer's disease and levels of the cytokine in blood and brain. <i>Neurobiology of Aging</i> , 2003 , 24, 921-6	5.6	139
201	Circulating inflamma-miRs in aging and age-related diseases. <i>Frontiers in Genetics</i> , 2013 , 4, 121	4.5	126

200	Inflammageing and metaflammation: The yin and yang of type 2 diabetes. <i>Ageing Research Reviews</i> , 2018 , 41, 1-17	12	117
199	Impact of telemonitoring at home on the management of elderly patients with congestive heart failure. <i>Journal of Telemedicine and Telecare</i> , 2008 , 14, 300-5	6.8	110
198	Toll like receptor signaling in "inflammaging": microRNA as new players. <i>Immunity and Ageing</i> , 2013 , 10, 11	9.7	101
197	DNA damage response (DDR) and senescence: shuttled inflamma-miRNAs on the stage of inflamm-aging. <i>Oncotarget</i> , 2015 , 6, 35509-21	3.3	101
196	Do men and women follow different trajectories to reach extreme longevity? Italian Multicenter Study on Centenarians (IMUSCE). <i>Aging Clinical and Experimental Research</i> , 2000 , 12, 77-84	4.8	99
195	Anti-senescence compounds: A potential nutraceutical approach to healthy aging. <i>Ageing Research Reviews</i> , 2018 , 46, 14-31	12	97
194	The G/C915 polymorphism of transforming growth factor beta1 is associated with human longevity: a study in Italian centenarians. <i>Aging Cell</i> , 2004 , 3, 443-8	9.9	96
193	Allele frequencies of +874T-->A single nucleotide polymorphism at the first intron of interferon-gamma gene in a group of Italian centenarians. <i>Experimental Gerontology</i> , 2002 , 37, 315-9	4.5	93
192	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	3.7	87
191	The -174 C/G locus affects in vitro/in vivo IL-6 production during aging. <i>Experimental Gerontology</i> , 2002 , 37, 309-14	4.5	85
190	Gene polymorphism affecting α -antichymotrypsin and interleukin-1 plasma levels increases Alzheimer's disease risk. <i>Annals of Neurology</i> , 2000 , 48, 388-391	9.4	85
189	Inflamm-aging: Why older men are the most susceptible to SARS-CoV-2 complicated outcomes. <i>Cytokine and Growth Factor Reviews</i> , 2020 , 53, 33-37	17.9	84
188	MiR-21-5p and miR-126a-3p levels in plasma and circulating angiogenic cells: relationship with type 2 diabetes complications. <i>Oncotarget</i> , 2015 , 6, 35372-82	3.3	79
187	The -174G/C polymorphism of IL-6 is useful to screen old subjects at risk for atherosclerosis or to reach successful ageing. <i>Experimental Gerontology</i> , 2004 , 39, 621-8	4.5	79
186	Age- and glycemia-related miR-126-3p levels in plasma and endothelial cells. <i>Aging</i> , 2014 , 6, 771-87	5.6	78
185	Circulating miRNAs and miRNA shuttles as biomarkers: Perspective trajectories of healthy and unhealthy aging. <i>Mechanisms of Ageing and Development</i> , 2017 , 165, 162-170	5.6	72
184	Leukocyte telomere length is associated with complications of type 2 diabetes mellitus. <i>Diabetic Medicine</i> , 2011 , 28, 1388-94	3.5	71
183	The different apoptotic potential of the p53 codon 72 alleles increases with age and modulates in vivo ischaemia-induced cell death. <i>Cell Death and Differentiation</i> , 2004 , 11, 962-73	12.7	71

182	Induction of apoptosis by ribosome-inactivating proteins and related immunotoxins. <i>International Journal of Cancer</i> , 1996 , 68, 349-55	7.5	71
181	Short-term sustained hyperglycaemia fosters an archetypal senescence-associated secretory phenotype in endothelial cells and macrophages. <i>Redox Biology</i> , 2018 , 15, 170-181	11.3	69
180	"Inflammaging" as a Druggable Target: A Senescence-Associated Secretory Phenotype-Centered View of Type 2 Diabetes. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 1810327	6.7	68
179	Leukocyte telomere shortening in elderly Type2DM patients with previous myocardial infarction. <i>Atherosclerosis</i> , 2009 , 206, 588-93	3.1	67
178	Present and future of anti-ageing epigenetic diets. <i>Mechanisms of Ageing and Development</i> , 2014 , 136-137, 101-15	5.6	66
177	N-glycomic changes in serum proteins in type 2 diabetes mellitus correlate with complications and with metabolic syndrome parameters. <i>PLoS ONE</i> , 2015 , 10, e0119983	3.7	65
176	Epigenetic mechanisms of endothelial dysfunction in type 2 diabetes. <i>Clinical Epigenetics</i> , 2015 , 7, 56	7.7	64
175	Small extracellular vesicles deliver miR-21 and miR-217 as pro-senescence effectors to endothelial cells. <i>Journal of Extracellular Vesicles</i> , 2020 , 9, 1725285	16.4	63
174	-174 G>C polymorphism of interleukin 6 gene promoter affects interleukin 6 serum level in patients with colorectal cancer. <i>Clinical Cancer Research</i> , 2003 , 9, 2173-6	12.9	63
173	The interleukin-6 -174 G>C promoter polymorphism is associated with a higher risk of death after an acute coronary syndrome in male elderly patients. <i>International Journal of Cardiology</i> , 2005 , 103, 266-71	3.2	61
172	What studies on human longevity tell us about the risk for cancer in the oldest old: data and hypotheses on the genetics and immunology of centenarians. <i>Experimental Gerontology</i> , 2002 , 37, 1263-75	4.5	60
171	Paraoxonase polymorphisms PON1 192 and 55 and longevity in Italian centenarians and Irish nonagenarians. A pooled analysis. <i>Experimental Gerontology</i> , 2004 , 39, 629-35	4.5	58
170	Anti-TNF- α treatment modulates SASP and SASP-related microRNAs in endothelial cells and in circulating angiogenic cells. <i>Oncotarget</i> , 2016 , 7, 11945-58	3.3	57
169	Anti-inflammatory effect of ubiquinol-10 on young and senescent endothelial cells via miR-146a modulation. <i>Free Radical Biology and Medicine</i> , 2013 , 63, 410-20	7.8	56
168	Presence of links between zinc and melatonin during the circadian cycle in old mice: effects on thymic endocrine activity and on the survival. <i>Journal of Neuroimmunology</i> , 1998 , 86, 111-22	3.5	56
167	Genetic analysis of Paraoxonase (PON1) locus reveals an increased frequency of Arg192 allele in centenarians. <i>European Journal of Human Genetics</i> , 2002 , 10, 292-6	5.3	56
166	Diagnostic value of microRNAs in asbestos exposure and malignant mesothelioma: systematic review and qualitative meta-analysis. <i>Oncotarget</i> , 2016 , 7, 58606-58637	3.3	56
165	Where Metabolism Meets Senescence: Focus on Endothelial Cells. <i>Frontiers in Physiology</i> , 2019 , 10, 15234.6	4.6	56

164	From Oxidative Stress Damage to Pathways, Networks, and Autophagy via MicroRNAs. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 4968321	6.7	55
163	Pleiotropic effects of metformin: Shaping the microbiome to manage type 2 diabetes and postpone ageing. <i>Ageing Research Reviews</i> , 2018 , 48, 87-98	12	54
162	The role of IL-1 gene cluster in longevity: a study in Italian population. <i>Mechanisms of Ageing and Development</i> , 2003 , 124, 533-8	5.6	53
161	Exosome-based immunomodulation during aging: A nano-perspective on inflamm-aging. <i>Mechanisms of Ageing and Development</i> , 2017 , 168, 44-53	5.6	51
160	Cholesteryl ester transfer protein (CETP) I405V polymorphism and longevity in Italian centenarians. <i>Mechanisms of Ageing and Development</i> , 2005 , 126, 826-8	5.6	51
159	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, 373-85	5.6	51
158	Aged-related increase of high sensitive Troponin T and its implication in acute myocardial infarction diagnosis of elderly patients. <i>Mechanisms of Ageing and Development</i> , 2012 , 133, 300-5	5.6	50
157	Systemic Age-Associated DNA Hypermethylation of ELOVL2 Gene: In Vivo and In Vitro Evidences of a Cell Replication Process. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 1015-1023	6.4	50
156	Gender specific association of genetic variation in peroxisome proliferator-activated receptor (PPAR)gamma-2 with longevity. <i>Experimental Gerontology</i> , 2004 , 39, 1095-100	4.5	50
155	New ribosome-inactivating proteins with polynucleotide:adenosine glycosidase and antiviral activities from <i>Basella rubra</i> L. and <i>bougainvillea spectabilis</i> Willd. <i>Planta</i> , 1997 , 203, 422-9	4.7	49
154	Genes, ageing and longevity in humans: problems, advantages and perspectives. <i>Free Radical Research</i> , 2006 , 40, 1303-23	4	49
153	Retention of the p53 codon 72 arginine allele is associated with a reduction of disease-free and overall survival in arginine/proline heterozygous breast cancer patients. <i>Clinical Cancer Research</i> , 2003 , 9, 4860-4	12.9	49
152	Genetic polymorphism in long-lived people: cues for the presence of an insulin/IGF-pathway-dependent network affecting human longevity. <i>Molecular and Cellular Endocrinology</i> , 2009 , 299, 118-23	4.4	48
151	Extracellular microRNAs and endothelial hyperglycaemic memory: a therapeutic opportunity?. <i>Diabetes, Obesity and Metabolism</i> , 2016 , 18, 855-67	6.7	46
150	Human longevity within an evolutionary perspective: the peculiar paradigm of a post-reproductive genetics. <i>Experimental Gerontology</i> , 2008 , 43, 53-60	4.5	45
149	P53 codon 72 polymorphism and longevity: additional data on centenarians from continental Italy and Sardinia. <i>American Journal of Human Genetics</i> , 1999 , 65, 1782-5	11	45
148	An APOE haplotype associated with decreased β expression increases the risk of late onset Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2011 , 24, 235-45	4.3	42
147	Admission levels of circulating miR-499-5p and risk of death in elderly patients after acute non-ST elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2014 , 172, e276-8	3.2	41

146	Genetic polymorphisms of Fas (CD95) and FasL (CD178) in human longevity: studies on centenarians. <i>Cell Death and Differentiation</i> , 2002 , 9, 431-8	12.7	41
145	Remodelling of biological parameters during human ageing: evidence for complex regulation in longevity and in type 2 diabetes. <i>Age</i> , 2013 , 35, 419-29		39
144	Role of interaction between variants in the PPARG and interleukin-6 genes on obesity related metabolic risk factors. <i>Experimental Gerontology</i> , 2005 , 40, 599-604	4.5	39
143	A systemic antiviral resistance-inducing protein isolated from <i>Clerodendrum inerme</i> Gaertn. is a polynucleotide:adenosine glycosidase (ribosome-inactivating protein). <i>FEBS Letters</i> , 1996 , 396, 132-4	3.8	39
142	Hormone replacement therapy enhances IGF-1 signaling in skeletal muscle by diminishing miR-182 and miR-223 expressions: a study on postmenopausal monozygotic twin pairs. <i>Aging Cell</i> , 2014 , 13, 850-859	9.9	38
141	Interleukin-6-174 G > C polymorphism affects the association between IL-6 plasma levels and insulin resistance in type 2 diabetic patients. <i>Diabetes Research and Clinical Practice</i> , 2006 , 71, 299-305	7.4	38
140	Mismatch repair system and aging: microsatellite instability in peripheral blood cells from differently aged participants. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2005 , 60, 285-92	6.4	38
139	Circulating miR-146a in healthy aging and type 2 diabetes: Age- and gender-specific trajectories. <i>Mechanisms of Ageing and Development</i> , 2019 , 180, 1-10	5.6	37
138	p53 variants predisposing to cancer are present in healthy centenarians. <i>American Journal of Human Genetics</i> , 1999 , 64, 292-5	11	37
137	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. <i>Aging Cell</i> , 2017 , 16, 262-272	9.9	36
136	Telomere/Telomerase system: a new target of statins pleiotropic effect?. <i>Current Vascular Pharmacology</i> , 2012 , 10, 216-24	3.3	36
135	Senescence associated macrophages and "macroph-aging": are they pieces of the same puzzle?. <i>Aging</i> , 2016 , 8, 3159-3160	5.6	36
134	Circulating miR-21, miR-146a and Fas ligand respond to postmenopausal estrogen-based hormone replacement therapy—a study with monozygotic twin pairs. <i>Mechanisms of Ageing and Development</i> , 2014 , 143-144, 1-8	5.6	35
133	The telomere world and aging: Analytical challenges and future perspectives. <i>Ageing Research Reviews</i> , 2019 , 50, 27-42	12	35
132	Cellular senescence in cardiovascular diseases: potential age-related mechanisms and implications for treatment. <i>Current Pharmaceutical Design</i> , 2013 , 19, 1710-9	3.3	35
131	Genetic polymorphisms of inflammatory cytokines and myocardial infarction in the elderly. <i>Mechanisms of Ageing and Development</i> , 2006 , 127, 552-9	5.6	33
130	Tumor necrosis factor-alpha gene -308G>A polymorphism is associated with ST-elevation myocardial infarction and with high plasma levels of biochemical ischemia markers. <i>Coronary Artery Disease</i> , 2005 , 16, 489-93	1.4	33
129	p53 codon 72 genotype affects apoptosis by cytosine arabinoside in blood leukocytes. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 299, 539-41	3.4	33

128	Leukocyte telomere length and mortality risk in patients with type 2 diabetes. <i>Oncotarget</i> , 2016 , 7, 50835-50844	5.3	33
127	Decreased serum levels of the inflammaging marker miR-146a are associated with clinical non-response to tocilizumab in COVID-19 patients. <i>Mechanisms of Ageing and Development</i> , 2021 , 193, 111413	5.6	33
126	Effect of aging on microRNAs and regulation of pathogen recognition receptors. <i>Current Opinion in Immunology</i> , 2014 , 29, 29-37	7.8	32
125	Evaluation of immunotoxins containing single-chain ribosome-inactivating proteins and an anti-CD22 monoclonal antibody (OM124): in vitro and in vivo studies. <i>British Journal of Haematology</i> , 1998 , 101, 179-88	4.5	32
124	Effects of donepezil, galantamine and rivastigmine in 938 Italian patients with Alzheimer's disease: a prospective, observational study. <i>CNS Drugs</i> , 2010 , 24, 163-76	6.7	31
123	An allele of HRAS1 3'variable number of tandem repeats is a frailty allele: implication for an evolutionarily-conserved pathway involved in longevity. <i>Gene</i> , 2002 , 286, 121-6	3.8	31
122	Is chronic inflammation a determinant of blood pressure in the elderly?. <i>American Journal of Hypertension</i> , 2003 , 16, 537-43	2.3	30
121	The trophoblast cell surface antigen 2 and miR-125b axis in urothelial bladder cancer. <i>Oncotarget</i> , 2017 , 8, 58642-58653	3.3	30
120	miR-21 and miR-146a: The microRNAs of inflammaging and age-related diseases. <i>Ageing Research Reviews</i> , 2021 , 70, 101374	12	30
119	mRNAs and miRNAs profiling of mesenchymal stem cells derived from amniotic fluid and skin: the double face of the coin. <i>Cell and Tissue Research</i> , 2014 , 355, 121-30	4.2	29
118	Lipoxygenase inhibitors for cancer prevention: promises and risks. <i>Current Pharmaceutical Design</i> , 2010 , 16, 725-33	3.3	29
117	Paraoxonase 1: genetics and activities during aging. <i>Rejuvenation Research</i> , 2008 , 11, 113-27	2.6	29
116	Polynucleotide: adenosine glycosidase activity of immunotoxins containing ribosome-inactivating proteins. <i>Journal of Drug Targeting</i> , 2000 , 8, 281-8	5.4	29
115	Neuroinflammation and the genetics of Alzheimer's disease: the search for a pro-inflammatory phenotype. <i>Aging Clinical and Experimental Research</i> , 2001 , 13, 163-70	4.8	28
114	Genes associated with Type 2 Diabetes and vascular complications. <i>Aging</i> , 2018 , 10, 178-196	5.6	27
113	Conventional and novel diagnostic biomarkers of acute myocardial infarction: a promising role for circulating microRNAs. <i>Biomarkers</i> , 2013 , 18, 547-58	2.6	26
112	A polymorphism of the YTHDF2 gene (1p35) located in an Alu-rich genomic domain is associated with human longevity. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2006 , 61, 547-56	6.4	26
111	In vitro IL-6 production by EBV-immortalized B lymphocytes from young and elderly people genotyped for -174 C/G polymorphism in IL-6 gene: a model to study the genetic basis of inflamm-aging. <i>Mechanisms of Ageing and Development</i> , 2003 , 124, 549-53	5.6	26

110	Prevalence of residual inflammatory risk and associated clinical variables in patients with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2020 , 22, 1696-1700	6.7	25
109	Extracellular vesicles circulating in young organisms promote healthy longevity. <i>Journal of Extracellular Vesicles</i> , 2019 , 8, 1656044	16.4	25
108	Cellular Senescence in Cardiovascular Diseases: Potential Age-Related Mechanisms and Implications for Treatment. <i>Current Pharmaceutical Design</i> , 2013 , 19, 1710-1719	3.3	25
107	Paraoxonase activity and genotype predispose to successful aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2006 , 61, 541-6	6.4	25
106	Exercise: a "new drug" for elderly patients with chronic heart failure. <i>Aging</i> , 2016 , 8, 860-72	5.6	25
105	NMR-Based Metabolomic Approach Tracks Potential Serum Biomarkers of Disease Progression in Patients with Type 2 Diabetes Mellitus. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	24
104	Age-related M1/M2 phenotype changes in circulating monocytes from healthy/unhealthy individuals. <i>Aging</i> , 2018 , 10, 1268-1280	5.6	24
103	The p53 codon 72 (Arg72Pro) polymorphism is associated with the degree of insulin resistance in type 2 diabetic subjects: a cross-sectional study. <i>Acta Diabetologica</i> , 2013 , 50, 429-36	3.9	23
102	Association of p53 polymorphisms and colorectal cancer: modulation of risk and progression. <i>European Journal of Surgical Oncology</i> , 2009 , 35, 415-9	3.6	23
101	Genomic stability, anti-inflammatory phenotype, and up-regulation of the RNaseH2 in cells from centenarians. <i>Cell Death and Differentiation</i> , 2019 , 26, 1845-1858	12.7	23
100	Expression Levels and Clinical Significance of miR-21-5p, miR-let-7a, and miR-34c-5p in Laryngeal Squamous Cell Carcinoma. <i>BioMed Research International</i> , 2017 , 2017, 3921258	3	22
99	Ribosome-inactivating proteins (RNA N-glycosidases) from the seeds of <i>Saponaria ocyroides</i> and <i>Vaccaria pyramidata</i> . <i>FEBS Journal</i> , 1995 , 228, 935-40		22
98	MicroRNA-34c-5p is related to recurrence in laryngeal squamous cell carcinoma. <i>Laryngoscope</i> , 2015 , 125, E306-12	3.6	21
97	p63 and Ki-67 immunostainings in laryngeal squamous cell carcinoma are related to survival. <i>European Archives of Oto-Rhino-Laryngology</i> , 2014 , 271, 1641-51	3.5	21
96	Growth and malnutrition of rural Zimbabwean children (6-17 years of age). <i>American Journal of Physical Anthropology</i> , 2008 , 136, 214-22	2.5	21
95	Age dependent impact of LMP polymorphisms on TNFalpha-induced apoptosis in human peripheral blood mononuclear cells. <i>Experimental Gerontology</i> , 2002 , 37, 301-8	4.5	21
94	Randomized, double-blind, placebo-controlled trial to evaluate the effect of <i>Helicobacter pylori</i> eradication on glucose homeostasis in type 2 diabetic patients. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2016 , 26, 893-8	4.5	21
93	Anti-CD30 immunotoxins with native and recombinant dianthin 30. <i>Cancer Immunology, Immunotherapy</i> , 1995 , 40, 109-14	7.4	20

92	Endothelial Cell Senescence and Inflammaging: MicroRNAs as Biomarkers and Innovative Therapeutic Tools. <i>Current Drug Targets</i> , 2016 , 17, 388-97	3	20
91	Extracellular vesicle-shuttled miRNAs: a critical appraisal of their potential as nano-diagnostics and nano-therapeutics in type 2 diabetes mellitus and its cardiovascular complications. <i>Theranostics</i> , 2021 , 11, 1031-1045	12.1	20
90	CD31 Extracellular Vesicles From Patients With Type 2 Diabetes Shuttle a miRNA Signature Associated With Cardiovascular Complications. <i>Diabetes</i> , 2021 , 70, 240-254	0.9	19
89	Predicting microRNA modulation in human prostate cancer using a simple String Identifier (SID1.0). <i>Journal of Biomedical Informatics</i> , 2011 , 44, 615-20	10.2	18
88	Prevention of cardiovascular events in early menopause: a possible role for hormone replacement therapy. <i>International Journal of Cardiology</i> , 2008 , 130, 140-6	3.2	18
87	The mitomiR/Bcl-2 axis affects mitochondrial function and autophagic vacuole formation in senescent endothelial cells. <i>Aging</i> , 2018 , 10, 2855-2873	5.6	18
86	The Contextualized Genetics of Human Longevity: JACC Focus Seminar. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 968-979	15.1	17
85	Neurobiological Correlates of Alpha-Tocopherol Antiepileptogenic Effects and MicroRNA Expression Modulation in a Rat Model of Kainate-Induced Seizures. <i>Molecular Neurobiology</i> , 2018 , 55, 7822-7838	6.2	17
84	Physical activity and progenitor cell-mediated endothelial repair in chronic heart failure: Is there a role for epigenetics?. <i>Mechanisms of Ageing and Development</i> , 2016 , 159, 71-80	5.6	17
83	Circulating microRNAs (miRs) for diagnosing acute myocardial infarction: an exciting challenge. <i>International Journal of Cardiology</i> , 2013 , 167, 3028-9	3.2	17
82	Increase of homozygosity in centenarians revealed by a new inter-Alu PCR technique. <i>Experimental Gerontology</i> , 2001 , 36, 1063-73	4.5	17
81	Physical Activity Modulates the Overexpression of the Inflammatory miR-146a-5p in Obese Patients. <i>IUBMB Life</i> , 2018 , 70, 1012-1022	4.7	17
80	Low FasL levels promote proliferation of human bone marrow-derived mesenchymal stem cells, higher levels inhibit their differentiation into adipocytes. <i>Cell Death and Disease</i> , 2013 , 4, e594	9.8	16
79	Disease-specific plasma levels of mitokines FGF21, GDF15, and Humanin in type II diabetes and Alzheimer's disease in comparison with healthy aging. <i>GeroScience</i> , 2021 , 43, 985-1001	8.9	16
78	MiR-146a-5p correlates with clinical efficacy in patients with psoriasis treated with the tumour necrosis factor-alpha inhibitor adalimumab. <i>British Journal of Dermatology</i> , 2018 , 179, 787-789	4	15
77	Telomere/telomerase system impairment in circulating angiogenic cells of geriatric patients with heart failure. <i>International Journal of Cardiology</i> , 2013 , 164, 99-105	3.2	15
76	Paraoxonase2 C311S polymorphism and low levels of HDL contribute to a higher mortality risk after acute myocardial infarction in elderly patients. <i>Molecular Genetics and Metabolism</i> , 2009 , 98, 314-8	3.7	15
75	Platelet nitric oxide production and IR: relation with obesity and hypertriglyceridemia. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2008 , 18, 553-8	4.5	15

74	Modulation of soluble receptor for advanced glycation end-products (RAGE) isoforms and their ligands in healthy aging. <i>Aging</i> , 2019 , 11, 1648-1663	5.6	15
73	Genes of human longevity: an endless quest?. <i>Current Vascular Pharmacology</i> , 2014 , 12, 707-17	3.3	15
72	Pleiotropic effects of polyphenols on glucose and lipid metabolism: Focus on clinical trials. <i>Ageing Research Reviews</i> , 2020 , 61, 101074	12	14
71	Chlamydia pneumoniae seropositivity and cardiovascular risk factors: The InCHIANTI Study. <i>Journal of the American Geriatrics Society</i> , 2004 , 52, 1626-31	5.6	14
70	The MALVA (Mantova LongeVA) study: an investigation on people 98 years of age and over in a province of Northern Italy. <i>Experimental Gerontology</i> , 2003 , 38, 1189-97	4.5	14
69	Changes in the biochemical taste of cytoplasmic and cell-free DNA are major fuels for inflamm-aging. <i>Seminars in Immunology</i> , 2018 , 40, 6-16	10.7	14
68	Exploiting the telomere machinery to put the brakes on inflamm-aging. <i>Ageing Research Reviews</i> , 2020 , 59, 101027	12	13
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