Fabiola Olivieri

List of Publications by Year
in descending order

219 papers	16,944 citations	20759 60 h-index	17546 121 g-index
230 all docs	230 docs citations	230 times ranked	22116 citing authors

#	Article	IF	Citations
1	Inflammâ€aging: An Evolutionary Perspective on Immunosenescence. Annals of the New York Academy of Sciences, 2000, 908, 244-254.	1.8	3,854
2	Inflammaging and anti-inflammaging: A systemic perspective on aging and longevity emerged from studies in humans. Mechanisms of Ageing and Development, 2007, 128, 92-105.	2.2	1,759
3	A gender-dependent genetic predisposition to produce high levels of IL-6 is detrimental for longevity. European Journal of Immunology, 2001, 31, 2357-2361.	1.6	285
4	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. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 3299-3304.	1.8	280
5	Chronic inflammation and the effect of IGF-I on muscle strength and power in older persons. American Journal of Physiology - Endocrinology and Metabolism, 2003, 284, E481-E487.	1.8	262
6	The integration of inflammaging in age-related diseases. Seminars in Immunology, 2018, 40, 17-35.	2.7	234
7	Age-related differences in the expression of circulating microRNAs: miR-21 as a new circulating marker of inflammaging. Mechanisms of Ageing and Development, 2012, 133, 675-685.	2.2	218
8	Diagnostic potential of circulating miR-499-5p in elderly patients with acute non ST-elevation myocardial infarction. International Journal of Cardiology, 2013, 167, 531-536.	0.8	214
9	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. Mechanisms of Ageing and Development, 2005, 126, 351-361.	2.2	193
10	Bioinformatic tools for microRNA dissection. Nucleic Acids Research, 2016, 44, 24-44.	6.5	182
11	Inflammageing and metaflammation: The yin and yang of type 2 diabetes. Ageing Research Reviews, 2018, 41, 1-17.	5.0	182
12	MitomiRs in human inflamm-aging: A hypothesis involving miR-181a, miR-34a and miR-146a. Experimental Gerontology, 2014, 56, 154-163.	1.2	179
13	MicroRNAs linking inflamm-aging, cellular senescence and cancer. Ageing Research Reviews, 2013, 12, 1056-1068.	5.0	173
14	MiR-146a as marker of senescence-associated pro-inflammatory status in cells involved in vascular remodelling. Age, 2013, 35, 1157-1172.	3.0	172
15	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. Journal of Medical Genetics, 2003, 40, 296-299.	1.5	165
16	Interleukin-6 gene alleles affect the risk of Alzheimerâ€™s disease and levels of the cytokine in blood and brain. Neurobiology of Aging, 2003, 24, 921-926.	1.5	155
17	Circulating inflamma-miRs in aging and age-related diseases. Frontiers in Genetics, 2013, 4, 121.	1.1	154
18	Strikingly higher frequency in centenarians and twins of mtDNA mutation causing remodeling of replication origin in leukocytes. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 1116-1121.	3.3	153

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19	Inflamm-aging: Why older men are the most susceptible to SARS-CoV-2 complicated outcomes. Cytokine and Growth Factor Reviews, 2020, 53, 33-37.	3.2	146
20	Do men and women follow different trajectories to reach extreme longevity?. Aging Clinical and Experimental Research, 2000, 12, 77-84.	1.4	138
21	Impact of telemonitoring at home on the management of elderly patients with congestive heart failure. Journal of Telemedicine and Telecare, 2008, 14, 300-305.	1.4	138
22	Anti-senescence compounds: A potential nutraceutical approach to healthy aging. Ageing Research Reviews, 2018, 46, 14-31.	5.0	130
23	DNA damage response (DDR) and senescence: shuttled inflamma-miRNAs on the stage of inflamm-aging. Oncotarget, 2015, 6, 35509-35521.	0.8	127
24	Cellular Senescence and Inflammaging in Age-Related Diseases. Mediators of Inflammation, 2018, 2018, 1-6.	1.4	120
25	Evidence for Sub-Haplogroup H5 of Mitochondrial DNA as a Risk Factor for Late Onset Alzheimer's Disease. PLoS ONE, 2010, 5, e12037.	1.1	117
26	Gene polymorphism affecting Î±1-antichymotrypsin and interleukin-1 plasma levels increases Alzheimer's disease risk. Annals of Neurology, 2000, 48, 388-391.	2.8	114
27	Toll like receptor signaling in â€œinflammagingâ€• microRNA as new players. Immunity and Ageing, 2013, 10, 11.	1.8	114
28	The G/C915 polymorphism of transforming growth factor Î²1 is associated with human longevity: a study in Italian centenarians. Aging Cell, 2004, 3, 443-448.	3.0	112
29	MiR-21-5p and miR-126a-3p levels in plasma and circulating angiogenic cells: relationship with type 2 diabetes complications. Oncotarget, 2015, 6, 35372-35382.	0.8	107
30	Age- and glycemia-related miR-126-3p levels in plasma and endothelial cells. Aging, 2014, 6, 771-786.	1.4	105
31	Small extracellular vesicles deliver miRâ€21 and miRâ€217 as proâ€senescence effectors to endothelial cells. Journal of Extracellular Vesicles, 2020, 9, 1725285.	5.5	104
32	Allele frequencies of +874Tâ†'A single nucleotide polymorphism at the first intron of interferon-Î³ gene in a group of Italian centenarians. Experimental Gerontology, 2002, 37, 315-319.	1.2	103
33	Where Metabolism Meets Senescence: Focus on Endothelial Cells. Frontiers in Physiology, 2019, 10, 1523.	1.3	103
34	Short-term sustained hyperglycaemia fosters an archetypal senescence-associated secretory phenotype in endothelial cells and macrophages. Redox Biology, 2018, 15, 170-181.	3.9	102
35	miR-21 and miR-146a: The microRNAs of inflammaging and age-related diseases. Ageing Research Reviews, 2021, 70, 101374.	5.0	100
36	Circulating miRNAs and miRNA shuttles as biomarkers: Perspective trajectories of healthy and unhealthy aging. Mechanisms of Ageing and Development, 2017, 165, 162-170.	2.2	96

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37	â€œInflammagingâ€•as a Druggable Target: A Senescence-Associated Secretory Phenotypeâ€”Centered View of Type 2 Diabetes. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-10.	1.9	93
38	The â^'174 C/G locus affects in vitro/in vivo IL-6 production during aging. Experimental Gerontology, 2002, 37, 309-314.	1.2	91
39	Leukocyte telomere length is associated with complications of Type 2 diabetes mellitus. Diabetic Medicine, 2011, 28, 1388-1394.	1.2	89
40	Decreased serum levels of the inflammaging marker miR-146a are associated with clinical non-response to tocilizumab in COVID-19 patients. Mechanisms of Ageing and Development, 2021, 193, 111413.	2.2	89
41	The â^'174G/C polymorphism of IL-6 is useful to screen old subjects at risk for atherosclerosis or to reach successful ageing. Experimental Gerontology, 2004, 39, 621-628.	1.2	87
42	The different apoptotic potential of the p53 codon 72 alleles increases with age and modulates in vivo ischaemia-induced cell death. Cell Death and Differentiation, 2004, 11, 962-973.	5.0	84
43	Epigenetic mechanisms of endothelial dysfunction in type 2 diabetes. Clinical Epigenetics, 2015, 7, 56.	1.8	83
44	Leukocyte telomere shortening in elderly Type2DM patients with previous myocardial infarction. Atherosclerosis, 2009, 206, 588-593.	0.4	81
45	N-Glycomic Changes in Serum Proteins in Type 2 Diabetes Mellitus Correlate with Complications and with Metabolic Syndrome Parameters. PLoS ONE, 2015, 10, e0119983.	1.1	81
46	Pleiotropic effects of metformin: Shaping the microbiome to manage type 2 diabetes and postpone ageing. Ageing Research Reviews, 2018, 48, 87-98.	5.0	80
47	Induction of apoptosis by ribosome-inactivating proteins and related immunotoxins. , 1996, 68, 349-355.		78
48	Present and future of anti-ageing epigenetic diets. Mechanisms of Ageing and Development, 2014, 136-137, 101-115.	2.2	76
49	Exosome-based immunomodulation during aging: A nano-perspective on inflamm-aging. Mechanisms of Ageing and Development, 2017, 168, 44-53.	2.2	76
50	Diagnostic value of microRNAs in asbestos exposure and malignant mesothelioma: systematic review and qualitative meta-analysis. Oncotarget, 2016, 7, 58606-58637.	0.8	69
51	Anti-TNF-Î± treatment modulates SASP and SASP-related microRNAs in endothelial cells and in circulating angiogenic cells. Oncotarget, 2016, 7, 11945-11958.	0.8	69
52	From Oxidative Stress Damage to Pathways, Networks, and Autophagy via MicroRNAs. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-16.	1.9	68
53	-174 G>C polymorphism of interleukin 6 gene promoter affects interleukin 6 serum level in patients with colorectal cancer. Clinical Cancer Research, 2003, 9, 2173-6.	3.2	68
54	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. Experimental Gerontology, 2002, 37, 1263-1271.	1.2	67

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55	Paraoxonase polymorphisms PON1 192 and 55 and longevity in Italian centenarians and Irish nonagenarians. A pooled analysis. Experimental Gerontology, 2004, 39, 629-635.	1.2	67
56	Genes, ageing and longevity in humans: Problems, advantages and perspectives. Free Radical Research, 2006, 40, 1303-1323.	1.5	66
57	Systemic Age-Associated DNA Hypermethylation of ELOVL2 Gene: In Vivo and In Vitro Evidences of a Cell Replication Process. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 1015-1023.	1.7	66
58	New ribosome-inactivating proteins with polynucleotide:adenosine glycosidase and antiviral activities from Basella rubra L. and Bougainvillea spectabilis Willd.. Planta, 1997, 203, 422-429.	1.6	65
59	Anti-inflammatory effect of ubiquinol-10 on young and senescent endothelial cells via miR-146a modulation. Free Radical Biology and Medicine, 2013, 63, 410-420.	1.3	65
60	The interleukin-6 âˆ'174 G>C promoter polymorphism is associated with a higher risk of death after an acute coronary syndrome in male elderly patients. International Journal of Cardiology, 2005, 103, 266-271.	0.8	64
61	Aged-related increase of high sensitive Troponin T and its implication in acute myocardial infarction diagnosis of elderly patients. Mechanisms of Ageing and Development, 2012, 133, 300-305.	2.2	64
62	Circulating miR-146a in healthy aging and type 2 diabetes: Age- and gender-specific trajectories. Mechanisms of Ageing and Development, 2019, 180, 1-10.	2.2	64
63	Genetic analysis of Paraoxonase (PON1) locus reveals an increased frequency of Arg192 allele in centenarians. European Journal of Human Genetics, 2002, 10, 292-296.	1.4	63
64	The role of IL-1 gene cluster in longevity: a study in Italian population. Mechanisms of Ageing and Development, 2003, 124, 533-538.	2.2	61
65	Presence of links between zinc and melatonin during the circadian cycle in old mice: effects on thymic endocrine activity and on the survival. Journal of Neuroimmunology, 1998, 86, 111-122.	1.1	60
66	An APOE Haplotype Associated with Decreased Îµ4 Expression Increases the Risk of Late Onset Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 24, 235-245.	1.2	58
67	The trophoblast cell surface antigen 2 and miR-125b axis in urothelial bladder cancer. Oncotarget, 2017, 8, 58642-58653.	0.8	58
68	Gender specific association of genetic variation in peroxisome proliferator-activated receptor (PPAR)Î³-2 with longevity. Experimental Gerontology, 2004, 39, 1095-1100.	1.2	57
69	Cholesteryl ester transfer protein (CETP) I405V polymorphism and longevity in Italian centenarians. Mechanisms of Ageing and Development, 2005, 126, 826-828.	2.2	57
70	Extracellular microRNAs and endothelial hyperglycaemic memory: a therapeutic opportunity?. Diabetes, Obesity and Metabolism, 2016, 18, 855-867.	2.2	57
71	The telomere world and aging: Analytical challenges and future perspectives. Ageing Research Reviews, 2019, 50, 27-42.	5.0	57
72	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, 373-385.	1.4	57

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73	Human longevity within an evolutionary perspective: The peculiar paradigm of a post-reproductive genetics. Experimental Gerontology, 2008, 43, 53-60.	1.2	55
74	Genetic polymorphism in long-lived people: Cues for the presence of an insulin/IGF-pathway-dependent network affecting human longevity. Molecular and Cellular Endocrinology, 2009, 299, 118-123.	1.6	55
75	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. Clinical Cancer Research, 2003, 9, 4860-4.	3.2	55
76	p53 Codon 72 Polymorphism and Longevity: Additional Data on Centenarians from Continental Italy and Sardinia. American Journal of Human Genetics, 1999, 65, 1782-1785.	2.6	53
77	NMR-Based Metabolomic Approach Tracks Potential Serum Biomarkers of Disease Progression in Patients with Type 2 Diabetes Mellitus. Journal of Clinical Medicine, 2019, 8, 720.	1.0	52
78	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. Theranostics, 2021, 11, 1031-1045.	4.6	52
79	Senescence associated macrophages and â€œmacroph-agingâ€• are they pieces of the same puzzle?. Aging, 2016, 8, 3159-3160.	1.4	51
80	A systemic antiviral resistance-inducing protein isolated fromClerodendrum inermeGaertn. is a polynucleotide:adenosine glycosidase (ribosome-inactivating protein). FEBS Letters, 1996, 396, 132-134.	1.3	50
81	Interleukin-6â€“174 G>C polymorphism affects the association between IL-6 plasma levels and insulin resistance in type 2 diabetic patients. Diabetes Research and Clinical Practice, 2006, 71, 299-305.	1.1	50
82	Remodelling of biological parameters during human ageing: evidence for complex regulation in longevity and in type 2 diabetes. Age, 2013, 35, 419-429.	3.0	48
83	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.	3.0	48
84	Age-related M1/M2 phenotype changes in circulating monocytes from healthy/unhealthy individuals. Aging, 2018, 10, 1268-1280.	1.4	48
85	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. Aging Cell, 2014, 13, 850-861.	3.0	47
86	Genetic polymorphisms of Fas (CD95) and FasL (CD178) in human longevity: studies on centenarians. Cell Death and Differentiation, 2002, 9, 431-438.	5.0	46
87	Admission levels of circulating miR-499-5p and risk of death in elderly patients after acute non-ST elevation myocardial infarction. International Journal of Cardiology, 2014, 172, e276-e278.	0.8	46
88	Role of interaction between variants in the PPARG and interleukin-6 genes on obesity related metabolic risk factors. Experimental Gerontology, 2005, 40, 599-604.	1.2	45
89	Telomere/Telomerase System: A New Target of Statins Pleiotropic Effect?. Current Vascular Pharmacology, 2012, 10, 216-224.	0.8	45
90	Circulating miR-21, miR-146a and Fas ligand respond to postmenopausal estrogen-based hormone replacement therapy â€“ A study with monozygotic twin pairs. Mechanisms of Ageing and Development, 2014, 143-144, 1-8.	2.2	45

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91	Neuroinflammation and the genetics of Alzheimerâ€™s disease: The search for a pro-inflammatory phenotype. Aging Clinical and Experimental Research, 2001, 13, 163-170.	1.4	44
92	Mismatch Repair System and Aging: Microsatellite Instability in Peripheral Blood Cells From Differently Aged Participants. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2005, 60, 285-292.	1.7	44
93	Effects of Donepezil, Galantamine and Rivastigmine in 938 Italian Patients with AlzheimerÊ¼s Disease. CNS Drugs, 2010, 24, 163-176.	2.7	44
94	Leukocyte telomere length and mortality risk in patients with type 2 diabetes. Oncotarget, 2016, 7, 50835-50844.	0.8	44
95	p53 Variants Predisposing to Cancer Are Present in Healthy Centenarians. American Journal of Human Genetics, 1999, 64, 292-294.	2.6	42
96	Prevalence of residual inflammatory risk and associated clinical variables in patients with type 2 diabetes. Diabetes, Obesity and Metabolism, 2020, 22, 1696-1700.	2.2	40
97	Anti-inflammatory effect of SGLT-2 inhibitors via uric acid and insulin. Cellular and Molecular Life Sciences, 2022, 79, 273.	2.4	40
98	Is chronic inflammation a determinant of blood pressure in the elderly?. American Journal of Hypertension, 2003, 16, 537-543.	1.0	39
99	Pre-eclampsia predictive ability of maternal miR-125b: a clinical and experimental study. Translational Research, 2021, 228, 13-27.	2.2	39
100	p53 codon 72 genotype affects apoptosis by cytosine arabinoside in blood leukocytes. Biochemical and Biophysical Research Communications, 2002, 299, 539-541.	1.0	38
101	Tumor necrosis factor-alpha gene ???308G>A polymorphism is associated with ST-elevation myocardial infarction and with high plasma levels of biochemical ischemia markers. Coronary Artery Disease, 2005, 16, 489-493.	0.3	38
102	Paraoxonase 1: Genetics and Activities During Aging. Rejuvenation Research, 2008, 11, 113-127.	0.9	38
103	CD31+ Extracellular Vesicles From Patients With Type 2 Diabetes Shuttle a miRNA Signature Associated With Cardiovascular Complications. Diabetes, 2021, 70, 240-254.	0.3	38
104	Genes associated with Type 2 Diabetes and vascular complications. Aging, 2018, 10, 178-196.	1.4	37
105	Genomic stability, anti-inflammatory phenotype, and up-regulation of the RNAseH2 in cells from centenarians. Cell Death and Differentiation, 2019, 26, 1845-1858.	5.0	37
106	Exercise: a â€œnew drugâ€•for elderly patients with chronic heart failure. Aging, 2016, 8, 860-872.	1.4	36
107	Extracellular vesicles circulating in young organisms promote healthy longevity. Journal of Extracellular Vesicles, 2019, 8, 1656044.	5.5	36
108	Disease-specific plasma levels of mitokines FGF21, GDF15, and Humanin in type II diabetes and Alzheimerâ€™s disease in comparison with healthy aging. GeroScience, 2021, 43, 985-1001.	2.1	36

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109	Cellular senescence in cardiovascular diseases: potential age-related mechanisms and implications for treatment. Current Pharmaceutical Design, 2013, 19, 1710-9.	0.9	36
110	Evaluation of immunotoxins containing single-chain ribosome-inactivating proteins and an anti-CD22 monoclonal antibody (OM124): in vitro and in vivo studies. British Journal of Haematology, 1998, 101, 179-188.	1.2	35
111	Genetic polymorphisms of inflammatory cytokines and myocardial infarction in the elderly. Mechanisms of Ageing and Development, 2006, 127, 552-559.	2.2	35
112	An allele of HRAS1 3â€²variable number of tandem repeats is a frailty allele: implication for an evolutionarily-conserved pathway involved in longevity. Gene, 2002, 286, 121-126.	1.0	34
113	Paraoxonase Activity and Genotype Predispose to Successful Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 541-546.	1.7	34
114	Effect of aging on microRNAs and regulation of pathogen recognition receptors. Current Opinion in Immunology, 2014, 29, 29-37.	2.4	34
115	The mitomiR/Bcl-2 axis affects mitochondrial function and autophagic vacuole formation in senescent endothelial cells. Aging, 2018, 10, 2855-2873.	1.4	34
116	Polynucleotide: Adenosine Glycosidase Activity of Immunotoxins Containing Ribosome-Inactivating Proteins. Journal of Drug Targeting, 2000, 8, 281-288.	2.1	33
117	A Polymorphism of the YTHDF2 Gene (1p35) Located in an Alu-Rich Genomic Domain Is Associated With Human Longevity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 547-556.	1.7	32
118	Lipoxygenase Inhibitors for Cancer Prevention: Promises and Risks. Current Pharmaceutical Design, 2010, 16, 725-733.	0.9	32
119	Modulation of soluble receptor for advanced glycation end-products (RAGE) isoforms and their ligands in healthy aging. Aging, 2019, 11, 1648-1663.	1.4	32
120	Conventional and novel diagnostic biomarkers of acute myocardial infarction: a promising role for circulating microRNAs. Biomarkers, 2013, 18, 547-558.	0.9	31
121	mRNAs and miRNAs profiling of mesenchymal stem cells derived from amniotic fluid and skin: the double face of the coin. Cell and Tissue Research, 2014, 355, 121-130.	1.5	31
122	Expression Levels and Clinical Significance of miR-21-5p, miR-let-7a, and miR-34c-5p in Laryngeal Squamous Cell Carcinoma. BioMed Research International, 2017, 2017, 1-9.	0.9	31
123	Neurobiological Correlates of Alpha-Tocopherol Antiepileptogenic Effects and MicroRNA Expression Modulation in a Rat Model of Kainate-Induced Seizures. Molecular Neurobiology, 2018, 55, 7822-7838.	1.9	31
124	Pleiotropic effects of polyphenols on glucose and lipid metabolism: Focus on clinical trials. Ageing Research Reviews, 2020, 61, 101074.	5.0	30
125	In vitro IL-6 production by EBV-immortalized B lymphocytes from young and elderly people genotyped for â^'174 C/G polymorphism in IL-6 gene: a model to study the genetic basis of inflamm-aging. Mechanisms of Ageing and Development, 2003, 124, 549-553.	2.2	29
126	Ribosome-Inactivating Proteins (RNA N-glycosidases) from the Seeds of Saponaria ocymoides and Vaccaria pyramidata. FEBS Journal, 1995, 228, 935-940.	0.2	29

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127	The p53 codon 72 (Arg72Pro) polymorphism is associated with the degree of insulin resistance in type 2 diabetic subjects: a cross-sectional study. Acta Diabetologica, 2013, 50, 429-436.	1.2	28
128	p63 and Ki-67 immunostainings in laryngeal squamous cell carcinoma are related to survival. European Archives of Oto-Rhino-Laryngology, 2014, 271, 1641-1651.	0.8	27
129	Growth and malnutrition of rural Zimbabwean children (6â€“17 years of age). American Journal of Physical Anthropology, 2008, 136, 214-222.	2.1	26
130	Cellular Senescence in Cardiovascular Diseases: Potential Age-Related Mechanisms and Implications for Treatment. Current Pharmaceutical Design, 2013, 19, 1710-1719.	0.9	26
131	Micro<scp>RNA</scp>â€34câ€5p is related to recurrence in laryngeal squamous cell carcinoma. Laryngoscope, 2015, 125, E306-12.	1.1	26
132	Physical Activity Modulates the Overexpression of the Inflammatory miRâ€146aâ€5p in Obese Patients. IUBMB Life, 2018, 70, 1012-1022.	1.5	26
133	Ubiquinol Ameliorates Endothelial Dysfunction in Subjects with Mild-to-Moderate Dyslipidemia: A Randomized Clinical Trial. Nutrients, 2020, 12, 1098.	1.7	26
134	Association of p53 polymorphisms and colorectal cancer: Modulation of risk and progression. European Journal of Surgical Oncology, 2009, 35, 415-419.	0.5	25
135	The Contextualized Genetics of HumanÂLongevity. Journal of the American College of Cardiology, 2020, 75, 968-979.	1.2	25
136	Senescent macrophages in the human adipose tissue as a source of inflammaging. GeroScience, 2022, 44, 1941-1960.	2.1	25
137	Circulating levels of AGEs and soluble RAGE isoforms are associated with all-cause mortality and development of cardiovascular complications in type 2 diabetes: a retrospective cohort study. Cardiovascular Diabetology, 2022, 21, .	2.7	25
138	Randomized, double-blind, placebo-controlled trial to evaluate the effect of Helicobacter pylori eradication on glucose homeostasis in type 2 diabetic patients. Nutrition, Metabolism and Cardiovascular Diseases, 2016, 26, 893-898.	1.1	24
139	Prevention of cardiovascular events in early menopause: A possible role for hormone replacement therapy. International Journal of Cardiology, 2008, 130, 140-146.	0.8	23
140	Low FasL levels promote proliferation of human bone marrow-derived mesenchymal stem cells, higher levels inhibit their differentiation into adipocytes. Cell Death and Disease, 2013, 4, e594-e594.	2.7	23
141	Exploiting the telomere machinery to put the brakes on inflamm-aging. Ageing Research Reviews, 2020, 59, 101027.	5.0	23
142	Endothelial Cell Senescence and Inflammaging: MicroRNAs as Biomarkers and Innovative Therapeutic Tools. Current Drug Targets, 2016, 17, 388-397.	1.0	23
143	Age dependent impact of LMP polymorphisms on TNFÎ±-induced apoptosis in human peripheral blood mononuclear cells. Experimental Gerontology, 2002, 37, 301-308.	1.2	22
144	Physical activity and progenitor cell-mediated endothelial repair in chronic heart failure: Is there a role for epigenetics?. Mechanisms of Ageing and Development, 2016, 159, 71-80.	2.2	22

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145	Changes in the biochemical taste of cytoplasmic and cell-free DNA are major fuels for inflamm-aging. Seminars in Immunology, 2018, 40, 6-16.	2.7	22
146	Circulating Inflamma-miRs as Potential Biomarkers of Cognitive Impairment in Patients Affected by Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2021, 13, 647015.	1.7	22
147	Genes of Human Longevity: An Endless Quest?. Current Vascular Pharmacology, 2013, 12, 707-717.	0.8	22
148	Anti-CD30 immunotoxins with native and recombinant dianthin 30. Cancer Immunology, Immunotherapy, 1995, 40, 109-114.	2.0	21
149	Modulation of Oxidative Status by Normoxia and Hypoxia on Cultures of Human Dermal Fibroblasts: How Does It Affect Cell Aging?. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-15.	1.9	21
150	The microRNA-34a-Induced Senescence-Associated Secretory Phenotype (SASP) Favors Vascular Smooth Muscle Cells Calcification. International Journal of Molecular Sciences, 2020, 21, 4454.	1.8	21
151	Anti-SASP and anti-inflammatory activity of resveratrol, curcumin and Î²-caryophyllene association on human endothelial and monocytic cells. Biogerontology, 2021, 22, 297-313.	2.0	21
152	Age-related modulation of plasmatic beta-Galactosidase activity in healthy subjects and in patients affected by T2DM. Oncotarget, 2017, 8, 93338-93348.	0.8	21
153	Predicting microRNA modulation in human prostate cancer using a simple String IDentifier (SID1.0). Journal of Biomedical Informatics, 2011, 44, 615-620.	2.5	20
154	Diagnostic performance of new and classic CSF biomarkers in age-related dementias. Aging, 2019, 11, 2420-2429.	1.4	20
155	Increase of homozygosity in centenarians revealed by a new inter-Alu PCR technique. Experimental Gerontology, 2001, 36, 1063-1073.	1.2	19
156	Myocardial bridging: A 'forgotten' cause of acute coronary syndrome - a case report. International Journal of Angiology, 2007, 16, 115-118.	0.2	19
157	Paraoxonase2 C311S polymorphism and low levels of HDL contribute to a higher mortality risk after acute myocardial infarction in elderly patients. Molecular Genetics and Metabolism, 2009, 98, 314-318.	0.5	19
158	MiR-146a-5p correlates with clinical efficacy in patients with psoriasis treated with the tumour necrosis factor-alpha inhibitor adalimumab. British Journal of Dermatology, 2018, 179, 787-789.	1.4	19
159	Inflamm-aging microRNAs may integrate signals from food and gut microbiota by modulating common signalling pathways. Mechanisms of Ageing and Development, 2019, 182, 111127.	2.2	19
160	Circulating microRNAs (miRs) for diagnosing acute myocardial infarction: An exciting challenge. International Journal of Cardiology, 2013, 167, 3028-3029.	0.8	18
161	Differential microRNA expression between decidual and peripheral blood natural killer cells in early pregnancy. Human Reproduction, 2018, 33, 2184-2195.	0.4	18
162	A Practical Guide to miRNA Target Prediction. Methods in Molecular Biology, 2019, 1970, 1-13.	0.4	18

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163	Ribosomal DNA instability: An evolutionary conserved fuel for inflammaging. Ageing Research Reviews, 2020, 58, 101018.	5.0	18
164	Platelet nitric oxide production and IR: Relation with obesity and hypertriglyceridemia. Nutrition, Metabolism and Cardiovascular Diseases, 2008, 18, 553-558.	1.1	17
165	Telomere/telomerase system impairment in circulating angiogenic cells of geriatric patients with heart failure. International Journal of Cardiology, 2013, 164, 99-105.	0.8	17
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