

Claudio Franceschi

List of Publications by Year in Descending Order

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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.

653 papers	45,831 citations	98 h-index	188 g-index
705 ext. papers	54,583 ext. citations	6 avg, IF	7.49 L-index

#	Paper	IF	Citations
653	Early downregulation of hsa-miR-144-3p in serum from drug-naïve Parkinson's disease patients.. <i>Scientific Reports</i> , 2022 , 12, 1330	4.9	1
652	GDF15, an emerging key player in human aging.. <i>Ageing Research Reviews</i> , 2022 , 101569	12	3
651	Metabolite and lipoprotein profiles reveal sex-related oxidative stress imbalance in de novo drug-naïve Parkinson's disease patients.. <i>Npj Parkinson's Disease</i> , 2022 , 8, 14	9.7	1
650	Accelerated epigenetic aging and inflammatory/immunological profile (ipAGE) in patients with chronic kidney disease.. <i>GeroScience</i> , 2022 , 1	8.9	1
649	Distinct biological ages of organs and systems identified from a multi-omics study.. <i>Cell Reports</i> , 2022 , 38, 110459	10.6	4
648	Genetic mechanisms of aging in plants: What can we learn from them?. <i>Ageing Research Reviews</i> , 2022 , 101601	12	1
647	DNA Methylation Analysis of Ribosomal DNA in Adults With Down Syndrome.. <i>Frontiers in Genetics</i> , 2022 , 13, 792165	4.5	0
646	Association between fat-soluble vitamins and self-reported health status: a cross-sectional analysis of the MARK-AGE cohort. <i>British Journal of Nutrition</i> , 2021 , 1-11	3.6	
645	Epidemiological and genetic overlap among biological aging clocks: New challenges in biogerontology. <i>Ageing Research Reviews</i> , 2021 , 72, 101502	12	2
644	Do low molecular weight antioxidants contribute to the Protection against oxidative damage? The interrelation between oxidative stress and low molecular weight antioxidants based on data from the MARK-AGE study. <i>Archives of Biochemistry and Biophysics</i> , 2021 , 713, 109061	4.1	1
643	A geroscience approach for Parkinson's disease: Conceptual framework and design of PROPAG-AGEING project. <i>Mechanisms of Ageing and Development</i> , 2021 , 194, 111426	5.6	6
642	A Meta-Analysis of Brain DNA Methylation Across Sex, Age, and Alzheimer's Disease Points for Accelerated Epigenetic Aging in Neurodegeneration. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 639428	5.3	9
641	Proteomics in aging research: A roadmap to clinical, translational research. <i>Aging Cell</i> , 2021 , 20, e13325	9.9	10
640	Ageing affects subtelomeric DNA methylation in blood cells from a large European population enrolled in the MARK-AGE study. <i>GeroScience</i> , 2021 , 43, 1283-1302	8.9	0
639	Whole-genome sequencing analysis of semi-supercentenarians. <i>ELife</i> , 2021 , 10,	8.9	11
638	Age, Sex, and BMI Influence on Copper, Zinc, and Their Major Serum Carrier Proteins in a Large European Population Including Nonagenarian Offspring From MARK-AGE Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 , 76, 2097-2106	6.4	3
637	Circulating miR-19a-3p and miR-19b-3p characterize the human aging process and their isomiRs associate with healthy status at extreme ages. <i>Aging Cell</i> , 2021 , 20, e13409	9.9	4

636	Age-related alterations in muscle architecture are a signature of sarcopenia: the ultrasound sarcopenia index. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021 , 12, 973-982	10.3	8
635	DLX5/6 GABAergic Expression Affects Social Vocalization: Implications for Human Evolution. <i>Molecular Biology and Evolution</i> , 2021 , 38, 4748-4764	8.3	2
634	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	5.7	3
633	No association between frailty index and epigenetic clocks in Italian semi-supercentenarians. <i>Mechanisms of Ageing and Development</i> , 2021 , 197, 111514	5.6	3
632	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
631	Distinct profile of CD34 cells and plasma-derived extracellular vesicles from triple-negative patients with Myelofibrosis reveals potential markers of aggressive disease. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021 , 40, 49	12.8	3
630	Features of age-related response to sleep deprivation: experimental studies. <i>Aging</i> , 2021 , 13, 19108-19136	5.6	1
629	An inflammatory aging clock (iAge) based on deep learning tracks multimorbidity, immunosenescence, frailty and cardiovascular aging. <i>Nature Aging</i> , 2021 , 1, 598-615		36
628	Expression pattern of perilipins in human brain during aging and in Alzheimer's disease. <i>Neuropathology and Applied Neurobiology</i> , 2021 ,	5.2	2
627	Aging, Inflammaging and Adaptation: Comment on "Dynamic and thermodynamic models of adaptation" by A.N. Gorban et al. <i>Physics of Life Reviews</i> , 2021 , 38, 107-110	2.1	2
626	MicroRNA profiles of human peripheral arteries and abdominal aorta in normal conditions: MicroRNAs-27a-5p, -139-5p and -155-5p emerge and in atheroma too. <i>Mechanisms of Ageing and Development</i> , 2021 , 198, 111547	5.6	
625	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	5.6	2
624	Elevated gut microbiome abundance of is associated with reduced visceral adipose tissue and healthier metabolic profile in Italian elderly. <i>Gut Microbes</i> , 2021 , 13, 1-19	8.8	25
623	Vitamin B-6 intake is related to physical performance in European older adults: results of the New Dietary Strategies Addressing the Specific Needs of the Elderly Population for Healthy Aging in Europe (NU-AGE) study. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 781-789	7	4
622	Association of rs3027178 polymorphism in the circadian clock gene PER1 with susceptibility to Alzheimer's disease and longevity in an Italian population.. <i>GeroScience</i> , 2021 , 1	8.9	0
621	Shelter from the cytokine storm: pitfalls and prospects in the development of SARS-CoV-2 vaccines for an elderly population. <i>Seminars in Immunopathology</i> , 2020 , 42, 619-634	12	20
620	GDF15 Plasma Level Is Inversely Associated With Level of Physical Activity and Correlates With Markers of Inflammation and Muscle Weakness. <i>Frontiers in Immunology</i> , 2020 , 11, 915	8.4	34
619	The preventive strategy for pandemics in the elderly is to collect in advance samples & data to counteract chronic inflammation (inflammaging). <i>Ageing Research Reviews</i> , 2020 , 62, 101091	12	15

618	The carotid plaque as paradigmatic case of site-specific acceleration of aging process: The microRNAs and the inflammaging contribution. <i>Ageing Research Reviews</i> , 2020 , 61, 101090	12	8
617	Thyroid hormones and frailty in persons experiencing extreme longevity. <i>Experimental Gerontology</i> , 2020 , 138, 111000	4.5	4
616	The Human Body as a Super Network: Digital Methods to Analyze the Propagation of Aging. <i>Frontiers in Aging Neuroscience</i> , 2020 , 12, 136	5.3	18
615	Quality of Life: Psychological Symptoms-Effects of a 2-Month Healthy Diet and Nutraceutical Intervention; A Randomized, Open-Label Intervention Trial (RISTOMED). <i>Nutrients</i> , 2020 , 12,	6.7	2
614	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
613	Mediterranean diet intervention alters the gut microbiome in older people reducing frailty and improving health status: the NU-AGE 1-year dietary intervention across five European countries. <i>Gut</i> , 2020 , 69, 1218-1228	19.2	209
612	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
611	Aging and Caloric Restriction Modulate the DNA Methylation Profile of the Ribosomal RNA Locus in Human and Rat Liver. <i>Nutrients</i> , 2020 , 12,	6.7	6
610	One-year Mediterranean diet promotes epigenetic rejuvenation with country- and sex-specific effects: a pilot study from the NU-AGE project. <i>GeroScience</i> , 2020 , 42, 687-701	8.9	32
609	Hypertension Is Associated With Intestinal Microbiota Dysbiosis and Inflammation in a Brazilian Population. <i>Frontiers in Pharmacology</i> , 2020 , 11, 258	5.6	37
608	Shotgun Metagenomics of Gut Microbiota in Humans with up to Extreme Longevity and the Increasing Role of Xenobiotic Degradation. <i>MSystems</i> , 2020 , 5,	7.6	36
607	Dietary Fibre May Mitigate Sarcopenia Risk: Findings from the NU-AGE Cohort of Older European Adults. <i>Nutrients</i> , 2020 , 12,	6.7	6
606	Genomic history of the Italian population recapitulates key evolutionary dynamics of both Continental and Southern Europeans. <i>BMC Biology</i> , 2020 , 18, 51	7.3	18
605	Gut microbiota ecology: Biodiversity estimated from hybrid neutral-niche model increases with health status and aging. <i>PLoS ONE</i> , 2020 , 15, e0237207	3.7	1
604	Both objective and paradoxical insomnia elicit a stress response involving mitokine production. <i>Aging</i> , 2020 , 12, 10497-10505	5.6	4
603	COVID-19 mortality in Lombardy: the vulnerability of the oldest old and the resilience of male centenarians. <i>Aging</i> , 2020 , 12, 15186-15195	5.6	24
602	Age-related DNA methylation changes are sex-specific: a comprehensive assessment. <i>Aging</i> , 2020 , 12, 24057-24080	5.6	18
601	Lamin A involvement in ageing processes. <i>Ageing Research Reviews</i> , 2020 , 62, 101073	12	16

600	Prevalence and Loads of Torquetenovirus in the European MARK-AGE Study Population. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020 , 75, 1838-1845	6.4	6
599	The smell of longevity: a combination of Volatile Organic Compounds (VOCs) can discriminate centenarians and their offspring from age-matched subjects and young controls. <i>GeroScience</i> , 2020 , 42, 201-216	8.9	4
598	The conundrum of human immune system "senescence". <i>Mechanisms of Ageing and Development</i> , 2020 , 192, 111357	5.6	25
597	Microbiomes other than the gut: inflammaging and age-related diseases. <i>Seminars in Immunopathology</i> , 2020 , 42, 589-605	12	28
596	Inflammaging, hormesis and the rationale for anti-aging strategies. <i>Ageing Research Reviews</i> , 2020 , 64, 101142	12	26
595	Brain aging and garbage cleaning : Modelling the role of sleep, glymphatic system, and microglia senescence in the propagation of inflammaging. <i>Seminars in Immunopathology</i> , 2020 , 42, 647-665	12	13
594	Beneficial Role of Replacing Dietary Saturated Fatty Acids with Polyunsaturated Fatty Acids in the Prevention of Sarcopenia: Findings from the NU-AGE Cohort. <i>Nutrients</i> , 2020 , 12,	6.7	4
593	Medication Intake Is Associated with Lower Plasma Carotenoids and Higher Fat-Soluble Vitamins in the Cross-Sectional MARK-AGE Study in Older Individuals. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
592	Lack of consensus on an aging biology paradigm? A global survey reveals an agreement to disagree, and the need for an interdisciplinary framework. <i>Mechanisms of Ageing and Development</i> , 2020 , 191, 111316	5.6	26
591	Ecological Sensing Through Taste and Chemosensation Mediates Inflammation: A Biological Anthropological Approach. <i>Advances in Nutrition</i> , 2020 , 11, 1671-1685	10	1
590	Associations between Pro- and Anti-Inflammatory Gastro-Intestinal Microbiota, Diet, and Cognitive Functioning in Dutch Healthy Older Adults: The NU-AGE Study. <i>Nutrients</i> , 2020 , 12,	6.7	14
589	Inflammaging in Endemic Areas for Infectious Diseases. <i>Frontiers in Immunology</i> , 2020 , 11, 579972	8.4	6
588	Investigating Mitonuclear Genetic Interactions Through Machine Learning: A Case Study on Cold Adaptation Genes in Human Populations From Different European Climate Regions. <i>Frontiers in Physiology</i> , 2020 , 11, 575968	4.6	1
587	Fighting Sarcopenia in Ageing European Adults: The Importance of the Amount and Source of Dietary Proteins. <i>Nutrients</i> , 2020 , 12,	6.7	8
586	Twelve-Week Daily Consumption of Fortified Milk with B ₆ , D, and Group B Vitamins Has a Positive Impact on Inflammaging Parameters: A Randomized Cross-Over Trial. <i>Nutrients</i> , 2020 , 12,	6.7	1
585	Mitochondria, immunosenescence and inflammaging: a role for mitokines?. <i>Seminars in Immunopathology</i> , 2020 , 42, 607-617	12	22
584	Down syndrome, accelerated aging and immunosenescence. <i>Seminars in Immunopathology</i> , 2020 , 42, 635-645	12	12
583	A public health perspective of aging: do hyper-inflammatory syndromes such as COVID-19, SARS, ARDS, cytokine storm syndrome, and post-ICU syndrome accelerate short- and long-term inflammaging?. <i>Immunity and Ageing</i> , 2020 , 17, 23	9.7	27

582	Changing from a Western to a Mediterranean-style diet does not affect iron or selenium status: results of the New Dietary Strategies Addressing the Specific Needs of the Elderly Population for Healthy Aging in Europe (NU-AGE) 1-year randomized clinical trial in elderly Europeans. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 98-109	7	7
581	Do people living with HIV experience greater age advancement than their HIV-negative counterparts?. <i>Aids</i> , 2019 , 33, 259-268	3.5	56
580	The Elderly-Nutrient Rich Food Score Is Associated With Biochemical Markers of Nutritional Status in European Older Adults. <i>Frontiers in Nutrition</i> , 2019 , 6, 150	6.2	1
579	X-chromosome-linked miR548am-5p is a key regulator of sex disparity in the susceptibility to mitochondria-mediated apoptosis. <i>Cell Death and Disease</i> , 2019 , 10, 673	9.8	15
578	Literature review in support of adjuvanticity/immunogenicity assessment of proteins. <i>EFSA Supporting Publications</i> , 2019 , 16, 1551E	1.1	14
577	Inflammaging 2019 , 1599-1629		2
576	Detrimental links between physical inactivity, metabolic risk and N-glycomic biomarkers of aging. <i>Experimental Gerontology</i> , 2019 , 124, 110626	4.5	4
575	Impact of Nutrition on Adult Vaccination Efficacy. <i>Practical Issues in Geriatrics</i> , 2019 , 31-35	0.1	
574	Applying hydrodynamic pressure to efficiently generate induced pluripotent stem cells via reprogramming of centenarian skin fibroblasts. <i>PLoS ONE</i> , 2019 , 14, e0215490	3.7	5
573	The Impact of Caloric Restriction on the Epigenetic Signatures of Aging. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	39
572	Dissecting the Pre-Columbian Genomic Ancestry of Native Americans along the Andes-Amazonia Divide. <i>Molecular Biology and Evolution</i> , 2019 , 36, 1254-1269	8.3	20
571	The Genetic Variability of in Different Human Populations and Its Implications for Longevity. <i>Genes</i> , 2019 , 10,	4.2	46
570	Down Syndrome, Ageing and Epigenetics. <i>Sub-Cellular Biochemistry</i> , 2019 , 91, 161-193	5.5	5
569	Gender-specific association of body composition with inflammatory and adipose-related markers in healthy elderly Europeans from the NU-AGE study. <i>European Radiology</i> , 2019 , 29, 4968-4979	8	24
568	The Dual Role of the Pervasive "Fattish" Tissue Remodeling With Age. <i>Frontiers in Endocrinology</i> , 2019 , 10, 114	5.7	21
567	Accelerated bio-cognitive aging in Down syndrome: State of the art and possible deceleration strategies. <i>Aging Cell</i> , 2019 , 18, e12903	9.9	14
566	Molecular Aging of Human Liver: An Epigenetic/Transcriptomic Signature. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 1-8	6.4	17
565	Human Aging and Longevity Are Characterized by High Levels of Mitokines. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 600-607	6.4	81

564	The Aging Thyroid: A Reappraisal Within the Geroscience Integrated Perspective. <i>Endocrine Reviews</i> , 2019 , 40, 1250-1270	27.2	18
563	A meta-analysis of genome-wide association studies identifies multiple longevity genes. <i>Nature Communications</i> , 2019 , 10, 3669	17.4	102
562	A Novel Approach to Improve the Estimation of a Diet Adherence Considering Seasonality and Short Term Variability - The NU-AGE Mediterranean Diet Experience. <i>Frontiers in Physiology</i> , 2019 , 10, 149	4.6	2
561	Gut microbiota and osteoarthritis management: An expert consensus of the European society for clinical and economic aspects of osteoporosis, osteoarthritis and musculoskeletal diseases (ESCEO). <i>Ageing Research Reviews</i> , 2019 , 55, 100946	12	49
560	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	4.9	8
559	Age-Related DNA Methylation Changes: Potential Impact on Skeletal Muscle Aging in Humans. <i>Frontiers in Physiology</i> , 2019 , 10, 996	4.6	20
558	Aging and Imaging Assessment of Body Composition: From Fat to Facts. <i>Frontiers in Endocrinology</i> , 2019 , 10, 861	5.7	68
557	The peculiar aging of human liver: A geroscience perspective within transplant context. <i>Ageing Research Reviews</i> , 2019 , 51, 24-34	12	19
556	Inflammaging Targets 2019 , 271-271		
555	Nutritional Factors Modulating Alu Methylation in an Italian Sample from The Mark-Age Study Including Offspring of Healthy Nonagenarians. <i>Nutrients</i> , 2019 , 11,	6.7	3
554	Undulating changes in human plasma proteome profiles across the lifespan. <i>Nature Medicine</i> , 2019 , 25, 1843-1850	50.5	195
553	Chronic inflammation in the etiology of disease across the life span. <i>Nature Medicine</i> , 2019 , 25, 1822-1832	50.5	830
552	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	6.4	14
551	Cell-free DNA as a biomarker of aging. <i>Aging Cell</i> , 2019 , 18, e12890	9.9	43
550	Recovery from 6-month spaceflight at the International Space Station: muscle-related stress into a proinflammatory setting. <i>FASEB Journal</i> , 2019 , 33, 5168-5180	0.9	15
549	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
548	Mediterranean-Style Diet Improves Systolic Blood Pressure and Arterial Stiffness in Older Adults. <i>Hypertension</i> , 2019 , 73, 578-586	8.5	46
547	Muscle-specific Perilipin2 down-regulation affects lipid metabolism and induces myofiber hypertrophy. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019 , 10, 95-110	10.3	11

546	Antioxidants linked with physical, cognitive and psychological frailty: Analysis of candidate biomarkers and markers derived from the MARK-AGE study. <i>Mechanisms of Ageing and Development</i> , 2019 , 177, 135-143	5.6	16
545	Sex-Specific Associations of Blood-Based Nutrient Profiling With Body Composition in the Elderly. <i>Frontiers in Physiology</i> , 2018 , 9, 1935	4.6	7
544	Identification of Pre-frailty Sub-Phenotypes in Elderly Using Metabolomics. <i>Frontiers in Physiology</i> , 2018 , 9, 1903	4.6	25
543	Responders and non-responders to influenza vaccination: A DNA methylation approach on blood cells. <i>Experimental Gerontology</i> , 2018 , 105, 94-100	4.5	12
542	Plasticity of lifelong calorie-restricted C57BL/6J mice in adapting to a medium-fat diet intervention at old age. <i>Aging Cell</i> , 2018 , 17, e12696	9.9	5
541	DNA Hydroxymethylation Levels Are Altered in Blood Cells From Down Syndrome Persons Enrolled in the MARK-AGE Project. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 737-744	6.4	12
540	Lifelong calorie restriction affects indicators of colonic health in aging C57BL/6J mice. <i>Journal of Nutritional Biochemistry</i> , 2018 , 56, 152-164	6.3	14
539	Zinc-Induced Metallothionein in Centenarian Offspring From a Large European Population: The MARK-AGE Project. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 745-753	6.4	6
538	Gut microbiota changes in the extreme decades of human life: a focus on centenarians. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 129-148	10.3	104
537	Protection against Tetanus and Diphtheria in Europe: The impact of age, gender and country of origin based on data from the MARK-AGE Study. <i>Experimental Gerontology</i> , 2018 , 105, 109-112	4.5	13
536	Effect of the NU-AGE Diet on Cognitive Functioning in Older Adults: A Randomized Controlled Trial. <i>Frontiers in Physiology</i> , 2018 , 9, 349	4.6	47
535	Beneficial Effects of Elderly Tailored Mediterranean Diet on the Proteasomal Proteolysis. <i>Frontiers in Physiology</i> , 2018 , 9, 457	4.6	8
534	Inflammaging: a new immune-metabolic viewpoint for age-related diseases. <i>Nature Reviews Endocrinology</i> , 2018 , 14, 576-590	15.2	831
533	The Continuum of Aging and Age-Related Diseases: Common Mechanisms but Different Rates. <i>Frontiers in Medicine</i> , 2018 , 5, 61	4.9	319
532	Age-Related Epigenetic Derangement upon Reprogramming and Differentiation of Cells from the Elderly. <i>Genes</i> , 2018 , 9,	4.2	7
531	A Mediterranean-like dietary pattern with vitamin D3 (10 µg/d) supplements reduced the rate of bone loss in older Europeans with osteoporosis at baseline: results of a 1-y randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 633-640	7	36
530	Are Nutrition-Related Knowledge and Attitudes Reflected in Lifestyle and Health Among Elderly People? A Study Across Five European Countries. <i>Frontiers in Physiology</i> , 2018 , 9, 994	4.6	30
529	Short Telomere Length Is Related to Limitations in Physical Function in Elderly European Adults. <i>Frontiers in Physiology</i> , 2018 , 9, 1110	4.6	10

528	Epigenetic DNA methylation changes in episodic and chronic migraine. <i>Neurological Sciences</i> , 2018 , 39, 67-68	3.5	8
527	The COMORBIDITY in Relation to AIDS (COBRA) cohort: Design, methods and participant characteristics. <i>PLoS ONE</i> , 2018 , 13, e0191791	3.7	7
526	Impact of demography and population dynamics on the genetic architecture of human longevity. <i>Aging</i> , 2018 , 10, 1947-1963	5.6	13
525	The Malignant Hemopoietic Clone of Triple Negative Patients with Myelofibrosis Shows in Vitro Functional Defects but Is Highly Responsive to the Pro-Survival Signals of Circulating Autologous Microvesicles. <i>Blood</i> , 2018 , 132, 4334-4334	2.2	
524	Inflammaging 2018 , 1-31		3
523	Aging and Parkinson's Disease: Inflammaging, neuroinflammation and biological remodeling as key factors in pathogenesis. <i>Free Radical Biology and Medicine</i> , 2018 , 115, 80-91	7.8	173
522	Mandibuloacral dysplasia: A premature ageing disease with aspects of physiological ageing. <i>Ageing Research Reviews</i> , 2018 , 42, 1-13	12	41
521	Changes in Dietary Intake and Adherence to the NU-AGE Diet Following a One-Year Dietary Intervention among European Older Adults-Results of the NU-AGE Randomized Trial. <i>Nutrients</i> , 2018 , 10,	6.7	25
520	Menopause and adipose tissue: miR-19a-3p is sensitive to hormonal replacement. <i>Oncotarget</i> , 2018 , 9, 2279-2294	3.3	13
519	Genes associated with Type 2 Diabetes and vascular complications. <i>Aging</i> , 2018 , 10, 178-196	5.6	27
518	Vaccination in the elderly: The challenge of immune changes with aging. <i>Seminars in Immunology</i> , 2018 , 40, 83-94	10.7	149
517	One-Year Consumption of a Mediterranean-Like Dietary Pattern With Vitamin D3 Supplements Induced Small Scale but Extensive Changes of Immune Cell Phenotype, Co-receptor Expression and Innate Immune Responses in Healthy Elderly Subjects: Results From the United Kingdom Arm of the NU-AGE Trial. <i>Frontiers in Immunology</i> , 2018 , 9, 2887	4.6	12
516	A Cross-Sectional Analysis of Body Composition Among Healthy Elderly From the European NU-AGE Study: Sex and Country Specific Features. <i>Frontiers in Physiology</i> , 2018 , 9, 1693	4.6	18
515	Genetics of Human Longevity Within an Eco-Evolutionary Nature-Nurture Framework. <i>Circulation Research</i> , 2018 , 123, 745-772	15.7	46
514	Sarcolab pilot study into skeletal muscle's adaptation to long-term spaceflight. <i>Npj Microgravity</i> , 2018 , 4, 18	5.3	27
513	Cross-Sectional Analysis of the Correlation Between Daily Nutrient Intake Assessed by 7-Day Food Records and Biomarkers of Dietary Intake Among Participants of the NU-AGE Study. <i>Frontiers in Physiology</i> , 2018 , 9, 1359	4.6	12
512	Sex Differences in Genetic Associations With Longevity. <i>JAMA Network Open</i> , 2018 , 1, e181670	10.4	40
511	Nutrition and Inflammation: Are Centenarians Similar to Individuals on Calorie-Restricted Diets?. <i>Annual Review of Nutrition</i> , 2018 , 38, 329-356	9.9	38

510	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, 7109312	4.3	8
509	The methylation of nuclear and mitochondrial DNA in ageing phenotypes and longevity. <i>Mechanisms of Ageing and Development</i> , 2017 , 165, 156-161	5.6	28
508	Healthy ageing in 2016: Obesity in geroscience - is cellular senescence the culprit?. <i>Nature Reviews Endocrinology</i> , 2017 , 13, 76-78	15.2	19
507	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	5.6	25
506	Increased brain-predicted aging in treated HIV disease. <i>Neurology</i> , 2017 , 88, 1349-1357	6.5	133
505	The epigenetic landscape of age-related diseases: the geroscience perspective. <i>Biogerontology</i> , 2017 , 18, 549-559	4.5	46
504	Demographic, genetic and phenotypic characteristics of centenarians in Italy: Focus on gender differences. <i>Mechanisms of Ageing and Development</i> , 2017 , 165, 68-74	5.6	16
503	Invariant NKT cells contribute to chronic lymphocytic leukemia surveillance and prognosis. <i>Blood</i> , 2017 , 129, 3440-3451	2.2	40
502	Mediterranean diet and inflammaging within the hormesis paradigm. <i>Nutrition Reviews</i> , 2017 , 75, 442-454	5.4	95
501	Conserved and species-specific molecular denominators in mammalian skeletal muscle aging. <i>Npj Aging and Mechanisms of Disease</i> , 2017 , 3, 8	5.5	12
500	Age-Associated Loss of OPA1 in Muscle Impacts Muscle Mass, Metabolic Homeostasis, Systemic Inflammation, and Epithelial Senescence. <i>Cell Metabolism</i> , 2017 , 25, 1374-1389.e6	24.6	245
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3	Age-related DNA methylation changes are sex-specific: a comprehensive assessment		5
2	Undulating changes in human plasma proteome across lifespan are linked to disease		1
1	An Inflammatory Clock Predicts Multi-morbidity, Immunosenescence and Cardiovascular Aging in Humans		4