

Claudio Franceschi

List of Publications by Year in descending order

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Version: 2024-02-01

679
papers

62,528
citations

1238

110
h-index

1568

217
g-index

706
all docs

706
docs citations

706
times ranked

58824
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Expression pattern of perilipins in human brain during aging and in Alzheimer's disease. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, . | 3.2 | 17 |
| 2 | 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> , 2022, 128, 433-443. | 2.3 | 0 |
| 3 | Early downregulation of hsa-miR-144-3p in serum from drug-naïve Parkinsonâ€™s disease patients. <i>Scientific Reports</i> , 2022, 12, 1330. | 3.3 | 14 |
| 4 | GDF15, an emerging key player in human aging. <i>Ageing Research Reviews</i> , 2022, 75, 101569. | 10.9 | 43 |
| 5 | Metabolite and lipoprotein profiles reveal sex-related oxidative stress imbalance in de novo drug-naive Parkinsonâ€™s disease patients. <i>Npj Parkinson's Disease</i> , 2022, 8, 14. | 5.3 | 11 |
| 6 | Accelerated epigenetic aging and inflammatory/immunological profile (ipAGE) in patients with chronic kidney disease. <i>GeroScience</i> , 2022, 44, 817-834. | 4.6 | 13 |
| 7 | Distinct biological ages of organs and systems identified from a multi-omics study. <i>Cell Reports</i> , 2022, 38, 110459. | 6.4 | 74 |
| 8 | Genetic mechanisms of aging in plants: What can we learn from them?. <i>Ageing Research Reviews</i> , 2022, 77, 101601. | 10.9 | 6 |
| 9 | Association of rs3027178 polymorphism in the circadian clock gene PER1 with susceptibility to Alzheimerâ€™s disease and longevity in an Italian population. <i>GeroScience</i> , 2022, 44, 881-896. | 4.6 | 6 |
| 10 | Immunosenescence and Altered Vaccine Efficiency in Older Subjects: A Myth Difficult to Change. <i>Vaccines</i> , 2022, 10, 607. | 4.4 | 23 |
| 11 | Role of Epigenetic Therapy in the Modulation of Tumor Growth and Migration in Human Castration-Resistant Prostate Cancer Cells with Neuroendocrine Differentiation. <i>Neuroendocrinology</i> , 2022, 112, 580-594. | 2.5 | 2 |
| 12 | DNA Methylation Analysis of Ribosomal DNA in Adults With Down Syndrome. <i>Frontiers in Genetics</i> , 2022, 13, 792165. | 2.3 | 7 |
| 13 | Insights Into Sibling Relationships and Longevity From Genetics of Healthy Ageing Nonagenarians: The Importance of Optimisation, Resilience and Social Networks. <i>Frontiers in Psychology</i> , 2022, 13, . | 2.1 | 4 |
| 14 | The hormetic and hermetic role of IL-6. <i>Ageing Research Reviews</i> , 2022, 80, 101697. | 10.9 | 22 |
| 15 | Blood circulating miR-28-5p and let-7d-5p associate with premature ageing in Down syndrome. <i>Mechanisms of Ageing and Development</i> , 2022, 206, 111691. | 4.6 | 4 |
| 16 | Disease-specific plasma levels of mitokines FGF21, GDF15, and Humanin in type II diabetes and Alzheimerâ€™s disease in comparison with healthy aging. <i>GeroScience</i> , 2021, 43, 985-1001. | 4.6 | 36 |
| 17 | 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. | 8.6 | 11 |
| 18 | Circulating perilipin 2 levels are associated with fat mass, inflammatory and metabolic markers and are higher in women than men. <i>Aging</i> , 2021, 13, 7931-7942. | 3.1 | 6 |

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|----|---|------|-----------|
| 19 | 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. | 4.6 | 14 |
| 20 | 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. | 3.4 | 45 |
| 21 | Proteomics in aging research: A roadmap to clinical, translational research. <i>Aging Cell</i> , 2021, 20, e13325. | 6.7 | 59 |
| 22 | 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. | 4.6 | 4 |
| 23 | Whole-genome sequencing analysis of semi-supercentenarians. <i>ELife</i> , 2021, 10, . | 6.0 | 37 |
| 24 | 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. | 3.6 | 12 |
| 25 | 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. | 6.7 | 12 |
| 26 | 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. | 7.3 | 38 |
| 27 | <i>DLX5/6</i> GABAergic Expression Affects Social Vocalization: Implications for Human Evolution. <i>Molecular Biology and Evolution</i> , 2021, 38, 4748-4764. | 8.9 | 8 |
| 28 | Microbiome in Blood Samples From the General Population Recruited in the MARK-AGE Project: A Pilot Study. <i>Frontiers in Microbiology</i> , 2021, 12, 707515. | 3.5 | 27 |
| 29 | No association between frailty index and epigenetic clocks in Italian semi-supercentenarians. <i>Mechanisms of Ageing and Development</i> , 2021, 197, 111514. | 4.6 | 8 |
| 30 | Features of age-related response to sleep deprivation: in vivo experimental studies. <i>Aging</i> , 2021, 13, 19108-19126. | 3.1 | 7 |
| 31 | An inflammatory aging clock (iAge) based on deep learning tracks multimorbidity, immunosenescence, frailty and cardiovascular aging. <i>Nature Aging</i> , 2021, 1, 598-615. | 11.6 | 202 |
| 32 | Aging, Inflammaging and Adaptation. <i>Physics of Life Reviews</i> , 2021, 38, 107-110. | 2.8 | 2 |
| 33 | 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. | 4.6 | 1 |
| 34 | Specific features of the oldest old from the Longevity Blue Zones in Ikaria and Sardinia. <i>Mechanisms of Ageing and Development</i> , 2021, 198, 111543. | 4.6 | 19 |
| 35 | Elevated gut microbiome abundance of <i>Christensenellaceae, Porphyromonadaceae and Rikenellaceae</i> is associated with reduced visceral adipose tissue and healthier metabolic profile in Italian elderly. <i>Gut Microbes</i> , 2021, 13, 1-19. | 9.8 | 127 |
| 36 | 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. | 4.7 | 15 |

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|----|---|------|-----------|
| 37 | Epidemiological and genetic overlap among biological aging clocks: New challenges in biogerontology. <i>Ageing Research Reviews</i> , 2021, 72, 101502. | 10.9 | 13 |
| 38 | 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. | 3.0 | 4 |
| 39 | Genetic Theories of Aging. , 2021, , 2025-2034. | | 0 |
| 40 | 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. | 4.7 | 12 |
| 41 | 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. | 3.6 | 13 |
| 42 | 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. | 4.6 | 8 |
| 43 | The conundrum of human immune system "senescence" <i>Mechanisms of Ageing and Development</i> , 2020, 192, 111357. | 4.6 | 64 |
| 44 | Microbiomes other than the gut: inflammaging and age-related diseases. <i>Seminars in Immunopathology</i> , 2020, 42, 589-605. | 6.1 | 65 |
| 45 | Inflammaging, hormesis and the rationale for anti-aging strategies. <i>Ageing Research Reviews</i> , 2020, 64, 101142. | 10.9 | 64 |
| 46 | Brain aging and garbage cleaning. <i>Seminars in Immunopathology</i> , 2020, 42, 647-665. | 6.1 | 40 |
| 47 | 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, 3079. | 4.1 | 15 |
| 48 | 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, 2072. | 2.4 | 4 |
| 49 | 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. | 4.6 | 67 |
| 50 | Ecological Sensing Through Taste and Chemosensation Mediates Inflammation: A Biological Anthropological Approach. <i>Advances in Nutrition</i> , 2020, 11, 1671-1685. | 6.4 | 3 |
| 51 | 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, 3471. | 4.1 | 42 |
| 52 | Inflammaging in Endemic Areas for Infectious Diseases. <i>Frontiers in Immunology</i> , 2020, 11, 579972. | 4.8 | 16 |
| 53 | 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. | 2.8 | 1 |
| 54 | Fighting Sarcopenia in Ageing European Adults: The Importance of the Amount and Source of Dietary Proteins. <i>Nutrients</i> , 2020, 12, 3601. | 4.1 | 23 |

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|----|--|------|-----------|
| 55 | Twelve-Week Daily Consumption of ad hoc Fortified Milk with Î³-3, D, and Group B Vitamins Has a Positive Impact on Inflammaging Parameters: A Randomized Cross-Over Trial. <i>Nutrients</i> , 2020, 12, 3580. | 4.1 | 4 |
| 56 | The complex relationship between Immunosenescence and Inflammaging: Special issue on the New Biomedical Perspectives. <i>Seminars in Immunopathology</i> , 2020, 42, 517-520. | 6.1 | 21 |
| 57 | Mitochondria, immunosenescence and inflammaging: a role for mitokines?. <i>Seminars in Immunopathology</i> , 2020, 42, 607-617. | 6.1 | 64 |
| 58 | Down syndrome, accelerated aging and immunosenescence. <i>Seminars in Immunopathology</i> , 2020, 42, 635-645. | 6.1 | 35 |
| 59 | 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. | 4.2 | 61 |
| 60 | 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. | 6.1 | 41 |
| 61 | 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. | 4.8 | 70 |
| 62 | 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. | 10.9 | 20 |
| 63 | 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. | 10.9 | 13 |
| 64 | Thyroid hormones and frailty in persons experiencing extreme longevity. <i>Experimental Gerontology</i> , 2020, 138, 111000. | 2.8 | 17 |
| 65 | The Human Body as a Super Network: Digital Methods to Analyze the Propagation of Aging. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 136. | 3.4 | 24 |
| 66 | Quality of Life: Psychological Symptomsâ€™ Effects of a 2-Month Healthy Diet and Nutraceutical Intervention; A Randomized, Open-Label Intervention Trial (RISTOMED). <i>Nutrients</i> , 2020, 12, 800. | 4.1 | 4 |
| 67 | Small extracellular vesicles deliver miRâ€21 and miRâ€17 as proâ€senescence effectors to endothelial cells. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1725285. | 12.2 | 104 |
| 68 | 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. | 12.1 | 465 |
| 69 | The Contextualized Genetics of Humanâ€Longevity. <i>Journal of the American College of Cardiology</i> , 2020, 75, 968-979. | 2.8 | 25 |
| 70 | Aging and Caloric Restriction Modulate the DNA Methylation Profile of the Ribosomal RNA Locus in Human and Rat Liver. <i>Nutrients</i> , 2020, 12, 277. | 4.1 | 12 |
| 71 | 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. | 4.6 | 76 |
| 72 | Hypertension Is Associated With Intestinal Microbiota Dysbiosis and Inflammation in a Brazilian Population. <i>Frontiers in Pharmacology</i> , 2020, 11, 258. | 3.5 | 70 |

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|----|--|------|-----------|
| 73 | Shotgun Metagenomics of Gut Microbiota in Humans with up to Extreme Longevity and the Increasing Role of Xenobiotic Degradation. <i>MSystems</i> , 2020, 5, . | 3.8 | 91 |
| 74 | Dietary Fibre May Mitigate Sarcopenia Risk: Findings from the NU-AGE Cohort of Older European Adults. <i>Nutrients</i> , 2020, 12, 1075. | 4.1 | 22 |
| 75 | Genetic Theories of Aging. , 2020, , 1-9. | | 4 |
| 76 | Lamin A involvement in ageing processes. <i>Ageing Research Reviews</i> , 2020, 62, 101073. | 10.9 | 41 |
| 77 | Genomic history of the Italian population recapitulates key evolutionary dynamics of both Continental and Southern Europeans. <i>BMC Biology</i> , 2020, 18, 51. | 3.8 | 26 |
| 78 | Gut microbiota ecology: Biodiversity estimated from hybrid neutral-niche model increases with health status and aging. <i>PLoS ONE</i> , 2020, 15, e0237207. | 2.5 | 4 |
| 79 | Both objective and paradoxical insomnia elicit a stress response involving mitokine production. <i>Aging</i> , 2020, 12, 10497-10505. | 3.1 | 9 |
| 80 | COVID-19 mortality in Lombardy: the vulnerability of the oldest old and the resilience of male centenarians. <i>Aging</i> , 2020, 12, 15186-15195. | 3.1 | 46 |
| 81 | Age-related DNA methylation changes are sex-specific: a comprehensive assessment. <i>Aging</i> , 2020, 12, 24057-24080. | 3.1 | 55 |
| 82 | Network markers of DNA methylation in neurodegenerative diseases. , 2020, , . | | 1 |
| 83 | 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. | 3.6 | 23 |
| 84 | 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. | 3.6 | 130 |
| 85 | The Aging Thyroid: A Reappraisal Within the Geroscience Integrated Perspective. <i>Endocrine Reviews</i> , 2019, 40, 1250-1270. | 20.1 | 37 |
| 86 | A meta-analysis of genome-wide association studies identifies multiple longevity genes. <i>Nature Communications</i> , 2019, 10, 3669. | 12.8 | 214 |
| 87 | A Novel Approach to Improve the Estimation of a Diet Adherence Considering Seasonality and Short Term Variability â€” The NU-AGE Mediterranean Diet Experience. <i>Frontiers in Physiology</i> , 2019, 10, 149. | 2.8 | 3 |
| 88 | 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. | 10.9 | 103 |
| 89 | Erythropoietin (EPO) haplotype associated with all-cause mortality in a cohort of Italian patients with Type-2 Diabetes. <i>Scientific Reports</i> , 2019, 9, 10395. | 3.3 | 13 |
| 90 | Call for articles on neglected topics. <i>Ageing Research Reviews</i> , 2019, 54, 100934. | 10.9 | 0 |

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|-----|--|------|-----------|
| 91 | Age-Related DNA Methylation Changes: Potential Impact on Skeletal Muscle Aging in Humans. <i>Frontiers in Physiology</i> , 2019, 10, 996. | 2.8 | 35 |
| 92 | Do people living with HIV experience greater age advancement than their HIV-negative counterparts?. <i>Aids</i> , 2019, 33, 259-268. | 2.2 | 93 |
| 93 | 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. | 3.7 | 4 |
| 94 | 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. | 6.3 | 19 |
| 95 | Literature review in support of adjuvanticity/immunogenicity assessment of proteins. <i>EFSA Supporting Publications</i> , 2019, 16, 1551E. | 0.7 | 19 |
| 96 | Sex-Specific Associations of Blood-Based Nutrient Profiling With Body Composition in the Elderly. <i>Frontiers in Physiology</i> , 2019, 9, 1935. | 2.8 | 10 |
| 97 | Inflammaging. , 2019, , 1599-1629. | | 3 |
| 98 | Detrimental links between physical inactivity, metabolic risk and N-glycomic biomarkers of aging. <i>Experimental Gerontology</i> , 2019, 124, 110626. | 2.8 | 5 |
| 99 | Impact of Nutrition on Adult Vaccination Efficacy. <i>Practical Issues in Geriatrics</i> , 2019, , 31-35. | 0.8 | 0 |
| 100 | Applying hydrodynamic pressure to efficiently generate induced pluripotent stem cells via reprogramming of centenarian skin fibroblasts. <i>PLoS ONE</i> , 2019, 14, e0215490. | 2.5 | 9 |
| 101 | The Impact of Caloric Restriction on the Epigenetic Signatures of Aging. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2022. | 4.1 | 71 |
| 102 | Dissecting the Pre-Columbian Genomic Ancestry of Native Americans along the Andes' Amazonia Divide. <i>Molecular Biology and Evolution</i> , 2019, 36, 1254-1269. | 8.9 | 47 |
| 103 | The Genetic Variability of APOE in Different Human Populations and Its Implications for Longevity. <i>Genes</i> , 2019, 10, 222. | 2.4 | 96 |
| 104 | Down Syndrome, Ageing and Epigenetics. <i>Sub-Cellular Biochemistry</i> , 2019, 91, 161-193. | 2.4 | 10 |
| 105 | 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. | 4.5 | 36 |
| 106 | The Dual Role of the Pervasive 'Fattish' Tissue Remodeling With Age. <i>Frontiers in Endocrinology</i> , 2019, 10, 114. | 3.5 | 32 |
| 107 | Accelerated bio-cognitive aging in Down syndrome: State of the art and possible deceleration strategies. <i>Aging Cell</i> , 2019, 18, e12903. | 6.7 | 47 |
| 108 | The peculiar aging of human liver: A geroscience perspective within transplant context. <i>Ageing Research Reviews</i> , 2019, 51, 24-34. | 10.9 | 35 |

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|-----|---|------|-----------|
| 109 | Inflammaging Targets. , 2019, , 271-271. | | 0 |
| 110 | Nutritional Factors Modulating Alu Methylation in an Italian Sample from The Mark-Age Study Including Offspring of Healthy Nonagenarians. <i>Nutrients</i> , 2019, 11, 2986. | 4.1 | 5 |
| 111 | Undulating changes in human plasma proteome profiles across the lifespan. <i>Nature Medicine</i> , 2019, 25, 1843-1850. | 30.7 | 470 |
| 112 | Chronic inflammation in the etiology of disease across the life span. <i>Nature Medicine</i> , 2019, 25, 1822-1832. | 30.7 | 2,195 |
| 113 | Heterogeneity of Thyroid Function and Impact of Peripheral Thyroxine Deiodination in Centenarians and Semi-Supercentenarians: Association With Functional Status and Mortality. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 802-810. | 3.6 | 32 |
| 114 | Cell-free DNA as a biomarker of aging. <i>Aging Cell</i> , 2019, 18, e12890. | 6.7 | 80 |
| 115 | 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. | 0.5 | 25 |
| 116 | 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. | 11.2 | 37 |
| 117 | Mediterranean-Style Diet Improves Systolic Blood Pressure and Arterial Stiffness in Older Adults. <i>Hypertension</i> , 2019, 73, 578-586. | 2.7 | 106 |
| 118 | Muscle-specific Perilipin2 down-regulation affects lipid metabolism and induces myofiber hypertrophy. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 95-110. | 7.3 | 20 |
| 119 | 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. | 4.6 | 29 |
| 120 | Aging and Imaging Assessment of Body Composition: From Fat to Facts. <i>Frontiers in Endocrinology</i> , 2019, 10, 861. | 3.5 | 162 |
| 121 | Responders and non-responders to influenza vaccination: A DNA methylation approach on blood cells. <i>Experimental Gerontology</i> , 2018, 105, 94-100. | 2.8 | 39 |
| 122 | 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. | 6.7 | 8 |
| 123 | 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. | 3.6 | 16 |
| 124 | Lifelong calorie restriction affects indicators of colonic health in aging C57Bl/6J mice. <i>Journal of Nutritional Biochemistry</i> , 2018, 56, 152-164. | 4.2 | 24 |
| 125 | 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. | 3.6 | 13 |
| 126 | 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. | 5.4 | 190 |

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|-----|--|------|-----------|
| 127 | 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. | 2.8 | 20 |
| 128 | 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. | 2.9 | 255 |
| 129 | Mandibuloacral dysplasia: A premature ageing disease with aspects of physiological ageing. <i>Ageing Research Reviews</i> , 2018, 42, 1-13. | 10.9 | 60 |
| 130 | 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, 1905. | 4.1 | 48 |
| 131 | Menopause and adipose tissue: miR-19a-3p is sensitive to hormonal replacement. <i>Oncotarget</i> , 2018, 9, 2279-2294. | 1.8 | 26 |
| 132 | Genes associated with Type 2 Diabetes and vascular complications. <i>Ageing</i> , 2018, 10, 178-196. | 3.1 | 37 |
| 133 | Vaccination in the elderly: The challenge of immune changes with aging. <i>Seminars in Immunology</i> , 2018, 40, 83-94. | 5.6 | 286 |
| 134 | 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 Physiology</i> , 2018, 9, 997. | 2.8 | 17 |
| 135 | Inflammaging 2018: An update and a model. <i>Seminars in Immunology</i> , 2018, 40, 1-5. | 5.6 | 76 |
| 136 | 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. | 2.8 | 22 |
| 137 | Genetics of Human Longevity Within an Eco-Evolutionary Nature-Nurture Framework. <i>Circulation Research</i> , 2018, 123, 745-772. | 4.5 | 75 |
| 138 | Sarcolab pilot study into skeletal muscle's adaptation to long-term spaceflight. <i>Npj Microgravity</i> , 2018, 4, 18. | 3.7 | 62 |
| 139 | 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. | 2.8 | 17 |
| 140 | Sex Differences in Genetic Associations With Longevity. <i>JAMA Network Open</i> , 2018, 1, e181670. | 5.9 | 60 |
| 141 | Nutrition and Inflammation: Are Centenarians Similar to Individuals on Calorie-Restricted Diets?. <i>Annual Review of Nutrition</i> , 2018, 38, 329-356. | 10.1 | 58 |
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