

Luigi Ferrucci

List of Publications by Year in descending order

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Version: 2024-02-01

1,344
papers

185,044
citations

37

190
h-index

78

369
g-index

1383
all docs

1383
docs citations

1383
times ranked

137830
citing authors

#	ARTICLE	IF	CITATIONS
1	Disease Burden Affects Aging Brain Function. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 1810-1818.	1.7	3
2	The Plasma Proteome Fingerprint Associated with Circulating Carotenoids and Retinol in Older Adults. Journal of Nutrition, 2022, 152, 40-48.	1.3	4
3	Longitudinal Associations of Subclinical Hearing Loss With Cognitive Decline. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 623-631.	1.7	19
4	Utility of plasma cell-free DNA for <i>de novo</i> detection and quantification of clonal hematopoiesis. Haematologica, 2022, 107, 1815-1826.	1.7	3
5	Extending human healthspan and longevity: a symposium report. Annals of the New York Academy of Sciences, 2022, 1507, 70-83.	1.8	18
6	The Mediterranean-DASH Intervention for Neurodegenerative Delay (MIND) diet is associated with physical function and grip strength in older men and women. American Journal of Clinical Nutrition, 2022, 115, 625-632.	2.2	14
7	Genetic evaluation of dementia with Lewy bodies implicates distinct disease subgroups. Brain, 2022, 145, 1757-1762.	3.7	17
8	Patterns of Prevalence of Multiple Sensory Impairments Among Community-dwelling Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 2123-2132.	1.7	7
9	Energetic Cost of Walking and Brain Atrophy in Mid-to-Late Life. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 2068-2076.	1.7	5
10	Animal Protein Intake Is Inversely Associated With Mortality in Older Adults: The InCHIANTI Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 1866-1872.	1.7	11
11	Meeting Report: Aging Research and Drug Discovery. Aging, 2022, 14, 530-543.	1.4	4
12	Trajectories of Frailty With Aging: Coordinated Analysis of Five Longitudinal Studies. Innovation in Aging, 2022, 6, igab059.	0.0	4
13	Muscle mitochondrial energetics predicts mobility decline in well-functioning older adults: The baltimore longitudinal study of aging. Aging Cell, 2022, 21, e13552.	3.0	32
14	Motor and Physical Function Impairments as Contributors to Slow Gait Speed and Mobility Difficulty in Middle-Aged and Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 1620-1628.	1.7	11
15	Human studies of mitochondrial biology demonstrate an overall lack of binary sex differences: A multivariate meta-analysis. FASEB Journal, 2022, 36, e22146.	0.2	14
16	Proteins in the pathway from high red blood cell width distribution to all-cause mortality. EBioMedicine, 2022, 76, 103816.	2.7	8
17	Association between vitamin D and bisphenol A levels in an elderly Italian population: results from the InCHIANTI study. Endocrine Connections, 2022, 11, .	0.8	4
18	Differential associations between apolipoprotein E alleles and cerebral myelin content in normative aging. NeuroImage, 2022, 251, 118988.	2.1	9

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19	Higher Angiotensin II Type 1 Receptor Levels and Activity in the Postmortem Brains of Older Persons with Alzheimer's Dementia. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 664-672.	1.7	14
20	The energy-spooling resilience axis hypothesis of aging. <i>Nature Aging</i> , 2022, 2, 182-185.	5.3	11
21	Incorporating Baseline Outcome Data in Individual Participant Data Meta-Analysis of Non-randomized Studies. <i>Frontiers in Psychiatry</i> , 2022, 13, 774251.	1.3	1
22	Getting closer to the clinic. <i>ELife</i> , 2022, 11, .	2.8	3
23	Hearing and Mobility in Aging-The Moderating Role of Neuropsychological Function. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 2141-2146.	1.7	3
24	Daily steps and all-cause mortality: a meta-analysis of 15 international cohorts. <i>Lancet Public Health</i> , The, 2022, 7, e219-e228.	4.7	189
25	Ankle-Brachial Index and Energy Production in People Without Peripheral Artery Disease: The BLSA. <i>Journal of the American Heart Association</i> , 2022, 11, e019014.	1.6	2
26	Identification of gingerenone A as a novel senolytic compound. <i>PLoS ONE</i> , 2022, 17, e0266135.	1.1	13
27	An objective metric of individual health and aging for population surveys. <i>Population Health Metrics</i> , 2022, 20, 11.	1.3	3
28	Accelerated decline in white matter microstructure in subsequently impaired older adults and its relationship with cognitive decline. <i>Brain Communications</i> , 2022, 4, fcac051.	1.5	16
29	Plasma Growth and Differentiation Factor 15 Predict Longitudinal Changes in Bone Parameters in Women, but Not in Men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 1951-1958.	1.7	2
30	Olfaction, Cognitive Impairment, and PET Biomarkers in Community-Dwelling Older Adults. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 1275-1285.	1.2	17
31	Longitudinal associations between blood lysophosphatidylcholines and skeletal muscle mitochondrial function. <i>GeroScience</i> , 2022, 44, 2213-2221.	2.1	8
32	Longitudinal associations of absolute versus relative moderate-to-vigorous physical activity with brain microstructural decline in aging. <i>Neurobiology of Aging</i> , 2022, 116, 25-31.	1.5	5
33	Unbiased proteomics, histochemistry, and mitochondrial DNA copy number reveal better mitochondrial health in muscle of high-functioning octogenarians. <i>ELife</i> , 2022, 11, .	2.8	7
34	Metabolites Associated with Memory and Gait: A Systematic Review. <i>Metabolites</i> , 2022, 12, 356.	1.3	5
35	Longitudinal associations between energy utilization and brain volumes in cognitively normal middle aged and older adults. <i>Scientific Reports</i> , 2022, 12, 6472.	1.6	1
36	Proteomes of primary skin fibroblasts from healthy individuals reveal altered cell responses across the life span. <i>Aging Cell</i> , 2022, 21, e13609.	3.0	7

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37	HiDDDD: a high-throughput imaging pipeline for the quantitative detection of DNA damage in primary human immune cells. Scientific Reports, 2022, 12, 6335.	1.6	2
38	Prior psychosocial profile and perceived impact of the COVID-19 pandemic: insights from the Baltimore Longitudinal Study of Aging. Aging Clinical and Experimental Research, 2022, 34, 1463-1469.	1.4	1
39	Integrative analysis of clinical and epigenetic biomarkers of mortality. Aging Cell, 2022, 21, e13608.	3.0	8
40	Serum Concentrations of Losartan Metabolites Correlate With Improved Physical Function in a Pilot Study of Pre frail Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 2356-2366.	1.7	3
41	Mitochondrial respiratory chain protein co-regulation in the human brain. Heliyon, 2022, 8, e09353.	1.4	4
42	Multidimensional frailty and quality of life: data from the English Longitudinal Study of Ageing. Quality of Life Research, 2022, 31, 2985-2993.	1.5	8
43	Daily Physical Activity Patterns as a Window on Cognitive Diagnosis in the Baltimore Longitudinal Study of Aging (BLSA). Journal of Alzheimer's Disease, 2022, 88, 459-469.	1.2	5
44	Metabolomic Profile of Different Dietary Patterns and Their Association with Frailty Index in Community-Dwelling Older Men and Women. Nutrients, 2022, 14, 2237.	1.7	3
45	A Golden Age of Aging Biomarker Discovery. Journal of Nutrition, Health and Aging, 2022, 26, 543-544.	1.5	1
46	CCL17 acts as a novel therapeutic target in pathological cardiac hypertrophy and heart failure. Journal of Experimental Medicine, 2022, 219, .	4.2	18
47	DNA methylation signatures reveal that distinct combinations of transcription factors specify human immune cell epigenetic identity. Immunity, 2022, 55, 1135.	6.6	5
48	Biomarkers of aging in real life: three questions on aging and the comprehensive geriatric assessment. GeroScience, 2022, 44, 2611-2622.	2.1	19
49	A computational solution for bolstering reliability of epigenetic clocks: implications for clinical trials and longitudinal tracking. Nature Aging, 2022, 2, 644-661.	5.3	95
50	Connecting aging biology and inflammation in the omics era. Journal of Clinical Investigation, 2022, 132, .	3.9	48
51	Longitudinal phenotypic aging metrics in the Baltimore Longitudinal Study of Aging. Nature Aging, 2022, 2, 635-643.	5.3	15
52	Association Between the Multidimensional Prognostic Index and Mortality During 15 Years of Follow-up in the InCHIANTI Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 1678-1685.	1.7	13
53	Association Between Brain Volumes and Patterns of Physical Activity in Community-Dwelling Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 1504-1511.	1.7	14
54	Defining Resilience in Older People: Does a Subjective Definition of Stressor Work?. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 1480-1485.	1.7	5

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55	Hippocampal activation and connectivity in the aging brain. <i>Brain Imaging and Behavior</i> , 2021, 15, 711-726.	1.1	15
56	Longitudinal Associations Between Brain Volume and Knee Extension Peak Torque. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 286-290.	1.7	9
57	Clinical characteristics and response to supervised exercise therapy of people with lower extremity peripheral artery disease. <i>Journal of Vascular Surgery</i> , 2021, 73, 608-625.	0.6	15
58	Cognitive and neuroimaging profiles of older adults with dual decline in memory and gait speed. <i>Neurobiology of Aging</i> , 2021, 97, 49-55.	1.5	25
59	Cardiovascular Health and Mitochondrial Function: Testing an Association. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 361-367.	1.7	10
60	Beyond Chronological Age: Frailty and Multimorbidity Predict In-Hospital Mortality in Patients With Coronavirus Disease 2019. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, e38-e45.	1.7	69
61	Characterization of the plasma proteomic profile of frailty phenotype. <i>GeroScience</i> , 2021, 43, 1029-1037.	2.1	16
62	Study of Longitudinal Aging in Mice: Presentation of Experimental Techniques. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 552-560.	1.7	33
63	Associations Between Systolic Interarm Differences in Blood Pressure and Cardiovascular Disease Outcomes and Mortality. <i>Hypertension</i> , 2021, 77, 650-661.	1.3	34
64	Total urinary polyphenols and longitudinal changes of bone properties. The InCHIANTI study. <i>Osteoporosis International</i> , 2021, 32, 353-362.	1.3	3
65	Association of Mitochondrial Function, Substrate Utilization, and Anaerobic Metabolism With Age-Related Perceived Fatigability. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 426-433.	1.7	10
66	Genome-wide meta-analysis of muscle weakness identifies 15 susceptibility loci in older men and women. <i>Nature Communications</i> , 2021, 12, 654.	5.8	75
67	Thyroid Hormone Supplementation and <scp>Allâ€Cause</scp> Mortality in <scp>Communityâ€Dwelling</scp> Older Adults: Results from the Baltimore Longitudinal Study of Aging. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 1283-1290.	1.3	5
68	Ribosome profiling analysis of human skeletal muscle identifies reduced translation of mitochondrial proteins with age. <i>RNA Biology</i> , 2021, 18, 1555-1559.	1.5	9
69	Heterogeneity of Aging: Individual Risk Factors, Mechanisms, Patient Priorities, and Outcomes. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 610-612.	1.3	43
70	Evidence of association between obesity and lower cerebral myelin content in cognitively unimpaired adults. <i>International Journal of Obesity</i> , 2021, 45, 850-859.	1.6	19
71	Genome-wide association study identifies novel susceptibility loci for KIT D816V positive mastocytosis. <i>American Journal of Human Genetics</i> , 2021, 108, 284-294.	2.6	12
72	Longitudinal uncoupling of the heart and arteries with aging in a community-dwelling population. <i>GeroScience</i> , 2021, 43, 551-561.	2.1	8

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73	Sex and age-related differences in cerebral blood flow investigated using pseudo-continuous arterial spin labeling magnetic resonance imaging. <i>Aging</i> , 2021, 13, 4911-4925.	1.4	30
74	Age-related estimates of aggregate <i>g</i> -ratio of white matter structures assessed using quantitative magnetic resonance neuroimaging. <i>Human Brain Mapping</i> , 2021, 42, 2362-2373.	1.9	19
75	Genome sequencing analysis identifies new loci associated with Lewy body dementia and provides insights into its genetic architecture. <i>Nature Genetics</i> , 2021, 53, 294-303.	9.4	198
76	Personality and insomnia symptoms in older adults: the Baltimore Longitudinal Study of Aging. <i>Sleep</i> , 2021, 44, .	0.6	6
77	Parsimonious modeling of skeletal muscle perfusion: Connecting the stretched exponential and fractional Fickian diffusion. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1045-1057.	1.9	6
78	Association of Adherence to the Mediterranean-Style Diet with Lower Frailty Index in Older Adults. <i>Nutrients</i> , 2021, 13, 1129.	1.7	15
79	Proteomics in aging research: A roadmap to clinical, translational research. <i>Aging Cell</i> , 2021, 20, e13325.	3.0	59
80	Skeletal muscle transcriptome in healthy aging. <i>Nature Communications</i> , 2021, 12, 2014.	5.8	56
81	A cross-sectional study of functional and metabolic changes during aging through the lifespan in male mice. <i>ELife</i> , 2021, 10, .	2.8	47
82	Effect of Low-Intensity vs High-Intensity Home-Based Walking Exercise on Walk Distance in Patients With Peripheral Artery Disease. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 1266.	3.8	102
83	Age-associated expression of p21 and p53 during human wound healing. <i>Aging Cell</i> , 2021, 20, e13354.	3.0	15
84	Sex-specific 25-hydroxyvitamin D threshold concentrations for functional outcomes in older adults: PROject on Optimal Vitamin D in Older adults (PROVIDO). <i>American Journal of Clinical Nutrition</i> , 2021, 114, 16-28.	2.2	6
85	Sustained physical activity in peripheral artery disease: Associations with disease severity, functional performance, health-related quality of life, and subsequent serious adverse events in the LITE randomized clinical trial. <i>Vascular Medicine</i> , 2021, 26, 497-506.	0.8	2
86	Analysis of Hearing Loss and Physical Activity Among US Adults Aged 60-69 Years. <i>JAMA Network Open</i> , 2021, 4, e215484.	2.8	33
87	Visual Impairment and Objectively Measured Physical Activity in Middle-Aged and Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 2194-2203.	1.7	16
88	Gene Expression Imputation Across Multiple Tissue Types Provides Insight Into the Genetic Architecture of Frontotemporal Dementia and Its Clinical Subtypes. <i>Biological Psychiatry</i> , 2021, 89, 825-835.	0.7	10
89	COVID-19 mortality as a fingerprint of biological age. <i>Ageing Research Reviews</i> , 2021, 67, 101308.	5.0	50
90	Proteomics and Epidemiological Models of Human Aging. <i>Frontiers in Physiology</i> , 2021, 12, 674013.	1.3	10

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91	Association of Hearing Impairment With Higher-Level Physical Functioning and Walking Endurance: Results From the Baltimore Longitudinal Study of Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, e290-e298.	1.7	18
92	The synthesis and characterization of Bri2 BRICHOS coated magnetic particles and their application to protein fishing: Identification of novel binding proteins. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 198, 113996.	1.4	1
93	Association Between Walking Energetics and Fragmented Physical Activity in Mid- to Late-Life. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, e281-e289.	1.7	3
94	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	9.4	341
95	Association Between Central and Peripheral Age-Related Hearing Loss and Different Frailty Phenotypes in an Older Population in Southern Italy. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2021, 147, 561.	1.2	31
96	Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging. <i>Genome Biology</i> , 2021, 22, 194.	3.8	90
97	Walking Exercise Therapy Effects on Lower Extremity Skeletal Muscle in Peripheral Artery Disease. <i>Circulation Research</i> , 2021, 128, 1851-1867.	2.0	24
98	Perceived Versus Objective Change in Walking Ability in Peripheral Artery Disease: Results from 3 Randomized Clinical Trials of Exercise Therapy. <i>Journal of the American Heart Association</i> , 2021, 10, e017609.	1.6	8
99	International Exercise Recommendations in Older Adults (ICFSR): Expert Consensus Guidelines. <i>Journal of Nutrition, Health and Aging</i> , 2021, 25, 824-853.	1.5	384
100	Metabolomic profiles of being physically active and less sedentary: a critical review. <i>Metabolomics</i> , 2021, 17, 68.	1.4	3
101	Association of Vision Impairment With Cognitive Decline Across Multiple Domains in Older Adults. <i>JAMA Network Open</i> , 2021, 4, e2117416.	2.8	34
102	Effects of monoclonal antibodies against amyloid- β^2 on clinical and biomarker outcomes and adverse event risks: A systematic review and meta-analysis of phase III RCTs in Alzheimer's disease. <i>Ageing Research Reviews</i> , 2021, 68, 101339.	5.0	118
103	Empirical versus theoretical power and type I error (false-positive) rates estimated from real murine aging research data. <i>Cell Reports</i> , 2021, 36, 109560.	2.9	7
104	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021, 596, 393-397.	13.7	183
105	Fostering healthy aging: The interdependency of infections, immunity and frailty. <i>Ageing Research Reviews</i> , 2021, 69, 101351.	5.0	34
106	Association of Thyroid Dysfunction With Cognitive Function. <i>JAMA Internal Medicine</i> , 2021, 181, 1440.	2.6	51
107	Fasting blood glucose as a predictor of mortality: Lost in translation. <i>Cell Metabolism</i> , 2021, 33, 2189-2200.e3.	7.2	29
108	Investigation of the association between cerebral iron content and myelin content in normative aging using quantitative magnetic resonance neuroimaging. <i>NeuroImage</i> , 2021, 239, 118267.	2.1	34

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109	Investigating RFC1 expansions in sporadic amyotrophic lateral sclerosis. Journal of the Neurological Sciences, 2021, 430, 118061.	0.3	8
110	Protein signatures of centenarians and their offspring suggest centenarians age slower than other humans. Aging Cell, 2021, 20, e13290.	3.0	42
111	Age-associated difference in circulating ACE2, the gateway for SARS-COV-2, in humans: results from the InCHIANTI study. GeroScience, 2021, 43, 619-627.	2.1	21
112	IDENTIFYING BIOMARKERS FOR BIOLOGICAL AGE: GEROSCIENCE AND THE ICFSR TASK FORCE. Journal of Frailty & Aging, 2021, 10, 1-6.	0.8	18
113	Association of walking energetics with amyloid beta status: Findings from the Baltimore Longitudinal Study of Aging. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12228.	1.2	7
114	Elevated Plasma Growth and Differentiation Factor 15 Predicts Incident Anemia in Older Adults Aged 60 Years and Older. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 1192-1197.	1.7	7
115	Novel Human Insulin Isoforms and C-peptide Product in Islets of Langerhans and Choroid Plexus. Diabetes, 2021, 70, 2947-2956.	0.3	6
116	Prevalence of multidimensional frailty and pre-frailty in older people in different settings: A systematic review and meta-analysis. Ageing Research Reviews, 2021, 72, 101498.	5.0	70
117	Mitochondrial DNA copy number and heteroplasmy load correlate with skeletal muscle oxidative capacity by P31 MR spectroscopy. Aging Cell, 2021, 20, e13487.	3.0	8
118	DNA methylation signatures reveal that distinct combinations of transcription factors specify human immune cell epigenetic identity. Immunity, 2021, 54, 2465-2480.e5.	6.6	31
119	Body mass trajectories and multimorbidity in old age: 12-year results from a population-based study. Clinical Nutrition, 2021, 40, 5764-5770.	2.3	7
120	Predicting physiological aging rates from a range of quantitative traits using machine learning. Aging, 2021, 13, 23471-23516.	1.4	6
121	Impact of large granular lymphocyte leukemia on blood DNA methylation and epigenetic clock modeling in Fischer 344 rats. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, , .	1.7	3
122	Dietary Pattern Trajectories in Middle Age and Physical Function in Older Age. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 513-519.	1.7	9
123	Association of Combined Slow Gait and Low Activity Fragmentation With Later Onset of Cognitive Impairment. JAMA Network Open, 2021, 4, e2135168.	2.8	7
124	A brain proteomic signature of incipient Alzheimer's disease in young APOE ε4 carriers identifies novel drug targets. Science Advances, 2021, 7, eabi8178.	4.7	23
125	Longitudinal trajectories and determinants of human fungiform papillae density. Aging, 2021, 13, 24989-25003.	1.4	7
126	Epigenetic Age Acceleration and Hearing: Observations From the Baltimore Longitudinal Study of Aging. Frontiers in Aging Neuroscience, 2021, 13, 790926.	1.7	9

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127	Analysis of CYP2C19 genetic variants with ischaemic events in UK patients prescribed clopidogrel in primary care: a retrospective cohort study. <i>BMJ Open</i> , 2021, 11, e053905.	0.8	6
128	Temporal Sequence of Hearing Impairment and Cognition in the Baltimore Longitudinal Study of Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 574-580.	1.7	38
129	Anticholinergic Drug Induced Cognitive and Physical Impairment: Results from the InCHIANTI Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 995-1002.	1.7	34
130	Sarcopenia and Variation in the Human Leukocyte Antigen Complex. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 301-308.	1.7	26
131	Elevated Plasma Growth and Differentiation Factor 15 Is Associated With Slower Gait Speed and Lower Physical Performance in Healthy Community-Dwelling Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 175-180.	1.7	48
132	Association between PUFA intake and serum concentration and mortality in older adults: A cohort study. <i>Clinical Nutrition</i> , 2020, 39, 510-515.	2.3	9
133	Adult brain aging investigated using BMC-mcDESPOT-based myelin water fraction imaging. <i>Neurobiology of Aging</i> , 2020, 85, 131-139.	1.5	41
134	Interaction Between Vitamin D and Interleukin 6 on Slow Gait Speed: 6-Year Follow-up Data of Older Adults From InCHIANTI. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1161-1166.	1.7	11
135	Enteral tube feeding and mortality in hospitalized older patients: A multicenter longitudinal study. <i>Clinical Nutrition</i> , 2020, 39, 1608-1612.	2.3	9
136	The Longevity-Associated SH2B3 (LNK) Genetic Variant: Selected Aging Phenotypes in 379,758 Subjects. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1656-1662.	1.7	9
137	The genetics of human ageing. <i>Nature Reviews Genetics</i> , 2020, 21, 88-101.	7.7	203
138	Biomarkers in the path from cellular senescence to frailty. <i>Experimental Gerontology</i> , 2020, 129, 110750.	1.2	27
139	Genetic modifiers of risk and age at onset in GBA associated Parkinson's disease and Lewy body dementia. <i>Brain</i> , 2020, 143, 234-248.	3.7	149
140	Comparing 6-minute walk versus treadmill walking distance as outcomes in randomized trials of peripheral artery disease. <i>Journal of Vascular Surgery</i> , 2020, 71, 988-1001.	0.6	25
141	Accelerating the Search for Interventions Aimed at Expanding the Health Span in Humans: The Role of Epidemiology. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 77-86.	1.7	7
142	Longitudinal Association Between Perceived Fatigability and Cognitive Function in Older Adults: Results from the Baltimore Longitudinal Study of Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, e67-e73.	1.7	12
143	Measuring biological aging in humans: A quest. <i>Aging Cell</i> , 2020, 19, e13080.	3.0	364
144	circRNAs expressed in human peripheral blood are associated with human aging phenotypes, cellular senescence and mouse lifespan. <i>GeroScience</i> , 2020, 42, 183-199.	2.1	40

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145	Gait speed as predictor of transition into cognitive impairment: Findings from three longitudinal studies on aging. <i>Experimental Gerontology</i> , 2020, 129, 110783.	1.2	29
146	Associations between cognitive and brain volume changes in cognitively normal older adults. <i>NeuroImage</i> , 2020, 223, 117289.	2.1	46
147	The conundrum of human immune system “senescence”. <i>Mechanisms of Ageing and Development</i> , 2020, 192, 111357.	2.2	64
148	Longitudinal Changes in Resting Metabolic Rates with Aging Are Accelerated by Diseases. <i>Nutrients</i> , 2020, 12, 3061.	1.7	23
149	The relationship of parental longevity with the aging brain—results from UK Biobank. <i>GeroScience</i> , 2020, 42, 1377-1385.	2.1	6
150	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.	2.2	67
151	Microstructural Neuroimaging of Frailty in Cognitively Normal Older Adults. <i>Frontiers in Medicine</i> , 2020, 7, 546344.	1.2	14
152	Associations of Poly (ADP-Ribose) Polymerase1 abundance in calf skeletal muscle with walking performance in peripheral artery disease. <i>Experimental Gerontology</i> , 2020, 140, 111048.	1.2	5
153	In Memoriam of Dr. Rosemary Yancik. <i>Journal of Geriatric Oncology</i> , 2020, 11, 1189.	0.5	0
154	Mitochondrial DNA damage in calf skeletal muscle and walking performance in people with peripheral artery disease. <i>Free Radical Biology and Medicine</i> , 2020, 160, 680-689.	1.3	6
155	Underlying features of epigenetic aging clocks in vivo and in vitro. <i>Aging Cell</i> , 2020, 19, e13229.	3.0	120
156	Skeletal Muscle Pathology in Peripheral Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2577-2585.	1.1	70
157	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.	1.8	61
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483	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016, 7, 10494.	5.8	153
484	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016, 7, 10023.	5.8	412
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852	Mediterranean diet and mobility decline in older persons. <i>Experimental Gerontology</i> , 2011, 46, 303-308.	1.2	124
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1036	Circulating Blood Markers and Functional Impairment in Peripheral Arterial Disease. Journal of the American Geriatrics Society, 2008, 56, 1504-1510.	1.3	54
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1051	The effects of age on medio-lateral stability during normal and narrow base walking. <i>Gait and Posture</i> , 2008, 28, 466-471.	0.6	170
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1053	Anemia of Aging: The Role of Chronic Inflammation and Cancer. <i>Seminars in Hematology</i> , 2008, 45, 242-249.	1.8	60
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1056	Serum Micronutrient Concentrations and Decline in Physical Function Among Older Persons. <i>JAMA - Journal of the American Medical Association</i> , 2008, 299, 308-15.	3.8	95
1057	Epidemiology of Aging. <i>Radiologic Clinics of North America</i> , 2008, 46, 643-652.	0.9	159
1058	Care available to severely disabled older persons living at home in Florence, Italy. <i>Aging Clinical and Experimental Research</i> , 2008, 20, 31-39.	1.4	11
1059	Low plasma selenium concentrations and mortality among older community-dwelling adults: the InCHIANTI Study. <i>Aging Clinical and Experimental Research</i> , 2008, 20, 153-158.	1.4	32
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1064	Common Variation in the <i>FTO</i> Gene Alters Diabetes-Related Metabolic Traits to the Extent Expected Given Its Effect on BMI. <i>Diabetes</i> , 2008, 57, 1419-1426.	0.3	277
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1070	Plasma Polyunsaturated Fatty Acids and the Decline of Renal Function. <i>Clinical Chemistry</i> , 2008, 54, 475-481.	1.5	77
1071	Longitudinal Cerebral Blood Flow and Amyloid Deposition: An Emerging Pattern?. <i>Journal of Nuclear Medicine</i> , 2008, 49, 1465-1471.	2.8	59
1072	Elevated serum advanced glycation end products and their circulating receptors are associated with anaemia in older community-dwelling women. <i>Age and Ageing</i> , 2008, 38, 283-289.	0.7	15
1073	<i>TNF</i> promoter polymorphisms associated with muscle phenotypes in humans. <i>Journal of Applied Physiology</i> , 2008, 105, 859-867.	1.2	19
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1078	Sarcopenic obesity: definition, cause and consequences. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2008, 11, 693-700.	1.3	879
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1101	White Blood Cell Count and Mortality in the Baltimore Longitudinal Study of Aging. <i>Journal of the American College of Cardiology</i> , 2007, 49, 1841-1850.	1.2	152
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1114	Lower Extremity Ischemia, Calf Skeletal Muscle Characteristics, and Functional Impairment in Peripheral Arterial Disease. <i>Journal of the American Geriatrics Society</i> , 2007, 55, 400-406.	1.3	133
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1116	Three-Year Change in Inflammatory Markers in Elderly People and Mortality: The Invecchiare in Chianti Study. <i>Journal of the American Geriatrics Society</i> , 2007, 55, 1801-1807.	1.3	54

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1151	Inflammatory factors in age-related muscle wasting. Current Opinion in Rheumatology, 2006, 18, 625-630.	2.0	96
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1163	Physical Activity During Daily Life and Mortality in Patients With Peripheral Arterial Disease. Circulation, 2006, 114, 242-248.	1.6	226
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1196	Inflammatory Markers and Physical Performance in Older Persons: The InCHIANTI Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2004, 59, M242-M248.	1.7	716
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1216	Circulating Erythropoietin (EPO) and Pro-Inflammatory Markers in Elderly (>=65) Persons with and without Anemia.. Blood, 2004, 104, 1629-1629.	0.6	1
1217	Serum Erythropoietin and Aging: A Longitudinal Analysis.. Blood, 2004, 104, 1628-1628.	0.6	0
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1223	Environmental Components of Mobility Disability in Community-Living Older Persons. Journal of the American Geriatrics Society, 2003, 51, 393-398.	1.3	185
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1226	Inflammatory markers and depressed mood in older persons: results from the health, aging and body composition study. <i>Biological Psychiatry</i> , 2003, 54, 566-572.	0.7	472
1227	Anemia and decline in physical performance among older persons. <i>American Journal of Medicine</i> , 2003, 115, 104-110.	0.6	290
1228	Blood Pressure, Arterial Function, Structure, and Aging: The Role of Hormonal Replacement Therapy in Postmenopausal Women. <i>Journal of Clinical Hypertension</i> , 2003, 5, 219-225.	1.0	21
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1230	High-frequency vibration training increases muscle power in postmenopausal women ^{1,21} Stratec Medizintechnik, Novotec, and Unitrem provided the peripheral quantitative computerized tomograph and the forceplates. ² No commercial party having a direct financial interest in the results of the research supporting this article has or will confer a benefit upon the author(s) or upon any organization with which the author(s) is/are associated.. <i>Archives of Physical Medicine and Rehabilitation</i> , 2003, 84, 1854-1857.	0.5	182
1231	Assessing the building blocks of functionUtilizing measures of functional limitation. <i>American Journal of Preventive Medicine</i> , 2003, 25, 112-121.	1.6	293
1232	Is chronic inflammation a determinant of blood pressure in the elderly?. <i>American Journal of Hypertension</i> , 2003, 16, 537-543.	1.0	39
1233	Serum IL-1 β levels in health and disease: a population-based study. 'The InCHIANTI study'. <i>Cytokine</i> , 2003, 22, 198-205.	1.4	87
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1254	The "Oldest Man on the Planet". <i>Journal of the American Geriatrics Society</i> , 2002, 50, 2098-2099.	1.3	7
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1316	Does the Clock Drawing Test Predict Cognitive Decline in Older Persons Independent of the Mini-Mental State Examination?. Journal of the American Geriatrics Society, 1996, 44, 1326-1331.	1.3	96
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