

Luigi Ferrucci

List of Publications by Year in descending order

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Version: 2024-02-01

1,344
papers

185,044
citations

49

190
h-index

90

369
g-index

1383
all docs

1383
docs citations

1383
times ranked

149035
citing authors

#	ARTICLE	IF	CITATIONS
1	Disease Burden Affects Aging Brain Function. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 1810-1818.	1.7	3
2	The Plasma Proteome Fingerprint Associated with Circulating Carotenoids and Retinol in Older Adults. <i>Journal of Nutrition</i> , 2022, 152, 40-48.	1.3	4
3	Longitudinal Associations of Subclinical Hearing Loss With Cognitive Decline. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 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. <i>Haematologica</i> , 2022, 107, 1815-1826.	1.7	3
5	Extending human healthspan and longevity: a symposium report. <i>Annals of the New York Academy of Sciences</i> , 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. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 625-632.	2.2	14
7	Genetic evaluation of dementia with Lewy bodies implicates distinct disease subgroups. <i>Brain</i> , 2022, 145, 1757-1762.	3.7	17
8	Patterns of Prevalence of Multiple Sensory Impairments Among Community-dwelling Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 2123-2132.	1.7	7
9	Energetic Cost of Walking and Brain Atrophy in Mid-to-Late Life. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 2068-2076.	1.7	5
10	Animal Protein Intake Is Inversely Associated With Mortality in Older Adults: The InCHIANTI Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 1866-1872.	1.7	11
11	Meeting Report: Aging Research and Drug Discovery. <i>Aging</i> , 2022, 14, 530-543.	1.4	4
12	Trajectories of Frailty With Aging: Coordinated Analysis of Five Longitudinal Studies. <i>Innovation in Aging</i> , 2022, 6, igab059.	0.0	4
13	Muscle mitochondrial energetics predicts mobility decline in well-functioning older adults: The baltimore longitudinal study of aging. <i>Aging Cell</i> , 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. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 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. <i>FASEB Journal</i> , 2022, 36, e22146.	0.2	14
16	Proteins in the pathway from high red blood cell width distribution to all-cause mortality. <i>EBioMedicine</i> , 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. <i>Endocrine Connections</i> , 2022, 11, .	0.8	4
18	Differential associations between apolipoprotein E alleles and cerebral myelin content in normative aging. <i>NeuroImage</i> , 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-splicing 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	HiDDD: a high-throughput imaging pipeline for the quantitative detection of DNA damage in primary human immune cells. <i>Scientific Reports</i> , 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. <i>Aging Clinical and Experimental Research</i> , 2022, 34, 1463-1469.	1.4	1
39	Integrative analysis of clinical and epigenetic biomarkers of mortality. <i>Aging Cell</i> , 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. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 2356-2366.	1.7	3
41	Mitochondrial respiratory chain protein co-regulation in the human brain. <i>Heliyon</i> , 2022, 8, e09353.	1.4	4
42	Multidimensional frailty and quality of life: data from the English Longitudinal Study of Ageing. <i>Quality of Life Research</i> , 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). <i>Journal of Alzheimer's Disease</i> , 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. <i>Nutrients</i> , 2022, 14, 2237.	1.7	3
45	A Golden Age of Aging Biomarker Discovery. <i>Journal of Nutrition, Health and Aging</i> , 2022, 26, 543-544.	1.5	1
46	CCL17 acts as a novel therapeutic target in pathological cardiac hypertrophy and heart failure. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	18
47	DNA methylation signatures reveal that distinct combinations of transcription factors specify human immune cell epigenetic identity. <i>Immunity</i> , 2022, 55, 1135.	6.6	5
48	Biomarkers of aging in real life: three questions on aging and the comprehensive geriatric assessment. <i>GeroScience</i> , 2022, 44, 2611-2622.	2.1	19
49	A computational solution for bolstering reliability of epigenetic clocks: implications for clinical trials and longitudinal tracking. <i>Nature Aging</i> , 2022, 2, 644-661.	5.3	95
50	Connecting aging biology and inflammation in the omics era. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	48
51	Longitudinal phenotypic aging metrics in the Baltimore Longitudinal Study of Aging. <i>Nature Aging</i> , 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. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1678-1685.	1.7	13
53	Association Between Brain Volumes and Patterns of Physical Activity in Community-Dwelling Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1504-1511.	1.7	14
54	Defining Resilience in Older People: Does a Subjective Definition of Stressor Work?. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 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 All-Cause Mortality in Community-Dwelling 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. <i>Journal of the Neurological Sciences</i> , 2021, 430, 118061.	0.3	8
110	Protein signatures of centenarians and their offspring suggest centenarians age slower than other humans. <i>Aging Cell</i> , 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. <i>GeroScience</i> , 2021, 43, 619-627.	2.1	21
112	IDENTIFYING BIOMARKERS FOR BIOLOGICAL AGE: GEROSCIENCE AND THE ICFSR TASK FORCE. <i>Journal of Frailty & Aging</i> , 2021, 10, 1-6.	0.8	18
113	Association of walking energetics with amyloid beta status: Findings from the Baltimore Longitudinal Study of Aging. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 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. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1192-1197.	1.7	7
115	Novel Human Insulin Isoforms and C \pm -Peptide Product in Islets of Langerhans and Choroid Plexus. <i>Diabetes</i> , 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. <i>Ageing Research Reviews</i> , 2021, 72, 101498.	5.0	70
117	Mitochondrial DNA copy number and heteroplasmy load correlate with skeletal muscle oxidative capacity by P31 MR spectroscopy. <i>Aging Cell</i> , 2021, 20, e13487.	3.0	8
118	DNA methylation signatures reveal that distinct combinations of transcription factors specify human immune cell epigenetic identity. <i>Immunity</i> , 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. <i>Clinical Nutrition</i> , 2021, 40, 5764-5770.	2.3	7
120	Predicting physiological aging rates from a range of quantitative traits using machine learning. <i>Aging</i> , 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. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, , .	1.7	3
122	Dietary Pattern Trajectories in Middle Age and Physical Function in Older Age. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 513-519.	1.7	9
123	Association of Combined Slow Gait and Low Activity Fragmentation With Later Onset of Cognitive Impairment. <i>JAMA Network Open</i> , 2021, 4, e2135168.	2.8	7
124	A brain proteomic signature of incipient Alzheimer's disease in young APOE ϵ 4 carriers identifies novel drug targets. <i>Science Advances</i> , 2021, 7, eabi8178.	4.7	23
125	Longitudinal trajectories and determinants of human fungiform papillae density. <i>Aging</i> , 2021, 13, 24989-25003.	1.4	7
126	Epigenetic Age Acceleration and Hearing: Observations From the Baltimore Longitudinal Study of Aging. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 790926.	1.7	9

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127	Analysis of <i>CYP2C19</i> 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-mcDESPOTâ€‘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 Parkinsonâ€™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
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306	Evidence for brain glucose dysregulation in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2018, 14, 318-329.	0.4	320

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308	Influence of cell distribution and diabetes status on the association between mitochondrial DNA copy number and aging phenotypes in the InCHIANTI study. <i>Aging Cell</i> , 2018, 17, e12683.	3.0	26
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311	Objectively Measured Physical Activity and Falls in Well-Functioning Older Adults. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2018, 97, 255-260.	0.7	22
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380	Longitudinal Association Between Serum Uric Acid and Arterial Stiffness. <i>Hypertension</i> , 2017, 69, 228-235.	1.3	59
381	Long-term cortisol measures predict Alzheimer disease risk. <i>Neurology</i> , 2017, 88, 371-378.	1.5	107
382	Differential Aging Signals in Abdominal CT Scans. <i>Academic Radiology</i> , 2017, 24, 1535-1543.	1.3	6
383	Femoral artery plaque characteristics, lower extremity collaterals, and mobility loss in peripheral artery disease. <i>Vascular Medicine</i> , 2017, 22, 473-481.	0.8	13
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387	Cardiovascular Health Is Associated With Physical Function Among Older Community Dwelling Men and Women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 1710-1716.	1.7	21
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389	A robotic protocol for high-throughput processing of samples for selected reaction monitoring assays. <i>Proteomics</i> , 2017, 17, 1600339.	1.3	11
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417	Short Physical Performance Battery and all-cause mortality: systematic review and meta-analysis. <i>BMC Medicine</i> , 2016, 14, 215.	2.3	534
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422	Age-Related Change in Mobility: Perspectives From Life Course Epidemiology and Geroscience. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 1184-1194.	1.7	257
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455	Epigenetic Signatures of Cigarette Smoking. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 436-447.	5.1	678
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482	Lower gray matter integrity is associated with greater lap time variation in high-functioning older adults. <i>Experimental Gerontology</i> , 2016, 77, 46-51.	1.2	4
483	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016, 7, 10494.	5.8	153
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575	No Evidence for Genome-Wide Interactions on Plasma Fibrinogen by Smoking, Alcohol Consumption and Body Mass Index: Results from Meta-Analyses of 80,607 Subjects. <i>PLoS ONE</i> , 2014, 9, e111156.	1.1	8
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581	Vitamin D status, functional decline, and mortality in peripheral artery disease. <i>Vascular Medicine</i> , 2014, 19, 18-26.	0.8	21
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597	A Diagnosis of Dismobilityâ€™ Giving Mobility Clinical Visibility. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 2061.	3.8	193
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620	Effects of Long-Term Averaging of Quantitative Blood Pressure Traits on the Detection of Genetic Associations. <i>American Journal of Human Genetics</i> , 2014, 95, 49-65.	2.6	73
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748	Vitamin D receptor and megalin gene polymorphisms and their associations with longitudinal cognitive change in US adults. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 163-178.	2.2	49
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753	Vitamin D status and functional performance in peripheral artery disease. <i>Vascular Medicine</i> , 2012, 17, 294-302.	0.8	13
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755	Baseline Cardiovascular Risk Predicts Subsequent Changes in Resting Brain Function. <i>Stroke</i> , 2012, 43, 1542-1547.	1.0	39
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758	The interleukin-6 receptor as a target for prevention of coronary heart disease: a mendelian randomisation analysis. <i>Lancet</i> , The, 2012, 379, 1214-1224.	6.3	886
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761	Correspondence between in vivo ¹¹ C-PiB-PET amyloid imaging and postmortem, region-matched assessment of plaques. <i>Acta Neuropathologica</i> , 2012, 124, 823-831.	3.9	98
762	Alcohol consumption and premotor corpus callosum in older adults. <i>European Neuropsychopharmacology</i> , 2012, 22, 704-710.	0.3	19
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799	Development and validation of criteria for determining undernutrition in community-dwelling older men and women: The Short Nutritional Assessment Questionnaire 65+. <i>Clinical Nutrition</i> , 2012, 31, 351-358.	2.3	100
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823	Gait patterns during different walking conditions in older adults with and without knee osteoarthritis—Results from the Baltimore Longitudinal Study of Aging. <i>Gait and Posture</i> , 2011, 33, 205-210.	0.6	38
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825	Effect of ghrelin on bone mass density: The InChianti study. <i>Bone</i> , 2011, 49, 257-263.	1.4	37
826	Siblings With Ischemic Stroke Study. <i>Stroke</i> , 2011, 42, 2726-2732.	1.0	28
827	Lack of association between 11C-PiB and longitudinal brain atrophy in non-demented older individuals. <i>Neurobiology of Aging</i> , 2011, 32, 2123-2130.	1.5	39
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837	Genomic Risk Profiling of Ischemic Stroke: Results of an International Genome-Wide Association Meta-Analysis. <i>PLoS ONE</i> , 2011, 6, e23161.	1.1	14
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843	Magnesium and anabolic hormones in older men. <i>Journal of Developmental and Physical Disabilities</i> , 2011, 34, e594-e600.	3.6	31
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845	Plasma Klotho and Cardiovascular Disease in Adults. <i>Journal of the American Geriatrics Society</i> , 2011, 59, 1596-1601.	1.3	210
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857	International working group on Sarcopenia. <i>Journal of Nutrition, Health and Aging</i> , 2011, 15, 450-455.	1.5	93
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859	CUBN Is a Gene Locus for Albuminuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 555-570.	3.0	208
860	SHBG, Sex Hormones, and Inflammatory Markers in Older Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 1053-1059.	1.8	61
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862	Gonadal status and physical performance in older men. <i>Aging Male</i> , 2011, 14, 42-47.	0.9	33
863	Gait Speed and Survival in Older Adults. <i>JAMA - Journal of the American Medical Association</i> , 2011, 305, 50.	3.8	3,254
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867	Arterial Stiffness and Bone Demineralization: The Baltimore Longitudinal Study of Aging. <i>American Journal of Hypertension</i> , 2011, 24, 970-975.	1.0	27
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871	Longitudinal Patterns of β -Amyloid Deposition in Nondemented Older Adults. <i>Archives of Neurology</i> , 2011, 68, 644-9.	4.9	93
872	Endogenous Secretory Receptor for Advanced Glycation End Products and Chronic Kidney Disease in the Elderly Population. <i>American Journal of Nephrology</i> , 2011, 33, 313-318.	1.4	10
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876	Relationship of serum fibroblast growth factor 23 with cardiovascular disease in older community-dwelling women. <i>European Journal of Endocrinology</i> , 2011, 165, 797-803.	1.9	45
877	Meta-analysis of genome-wide association studies identifies common variants in CTNNA2 associated with excitement-seeking. <i>Translational Psychiatry</i> , 2011, 1, e49-e49.	2.4	97
878	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , 2011, 43, 1005-1011.	9.4	403
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885	Bisphenol A Exposure Is Associated with <i>in Vivo</i> Estrogenic Gene Expression in Adults. <i>Environmental Health Perspectives</i> , 2011, 119, 1788-1793.	2.8	64
886	Eight Common Genetic Variants Associated with Serum DHEAS Levels Suggest a Key Role in Ageing Mechanisms. <i>PLoS Genetics</i> , 2011, 7, e1002025.	1.5	87
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888	Physical Activity Attenuates the Influence of FTO Variants on Obesity Risk: A Meta-Analysis of 218,166 Adults and 19,268 Children. <i>PLoS Medicine</i> , 2011, 8, e1001116.	3.9	446
889	Genetic Determinants of Serum Testosterone Concentrations in Men. <i>PLoS Genetics</i> , 2011, 7, e1002313.	1.5	178
890	Statins and serum cholesterol's associations with incident dementia and mild cognitive impairment. <i>Journal of Epidemiology and Community Health</i> , 2011, 65, 949-957.	2.0	96
891	Association between Urinary Excretion of Cortisol and Markers of Oxidatively Damaged DNA and RNA in Humans. <i>PLoS ONE</i> , 2011, 6, e20795.	1.1	59
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893	Nutritional determinants of mobility. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2010, 13, 625-629.	1.3	49
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896	A genome-wide association analysis of serum iron concentrations. <i>Blood</i> , 2010, 115, 94-96.	0.6	142
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898	Relationship of a dominant advanced glycation end product, serum carboxymethyl-lysine, and abnormal glucose metabolism in adults: The baltimore longitudinal study of aging. <i>Journal of Nutrition, Health and Aging</i> , 2010, 14, 507-513.	1.5	13
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902	Serum antioxidants and inflammation predict red cell distribution width in older women: The Women's Health and Aging Study I. <i>Clinical Nutrition</i> , 2010, 29, 600-604.	2.3	267
903	Association of plasma selenium concentrations with total IGF-1 among older community-dwelling adults: The InCHIANTI study. <i>Clinical Nutrition</i> , 2010, 29, 674-677.	2.3	35
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932	BDNF Val66Met is Associated with Introversion and Interacts with 5-HTTLPR to Influence Neuroticism. <i>Neuropsychopharmacology</i> , 2010, 35, 1083-1089.	2.8	89
933	High Neuroticism and low Conscientiousness are associated with interleukin-6. <i>Psychological Medicine</i> , 2010, 40, 1485-1493.	2.7	202
934	Anabolic and Catabolic Biomarkers As Predictors of Muscle Strength Decline: The InCHIANTI Study. <i>Rejuvenation Research</i> , 2010, 13, 3-11.	0.9	77
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938	Trait Antagonism and the Progression of Arterial Thickening. <i>Hypertension</i> , 2010, 56, 617-622.	1.3	20
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942	Risk factors for disability in older persons over 3-year follow-up. <i>Age and Ageing</i> , 2010, 39, 92-98.	0.7	120
943	Urinary Cortisol and Six-Year Risk of All-Cause and Cardiovascular Mortality. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 4959-4964.	1.8	118
944	The central arterial burden of the metabolic syndrome is similar in men and women: the SardinIA Study. <i>European Heart Journal</i> , 2010, 31, 602-613.	1.0	90
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947	Genome-Wide Association Scan of Trait Depression. <i>Biological Psychiatry</i> , 2010, 68, 811-817.	0.7	143
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974	Common lipid-altering gene variants are associated with therapeutic intervention thresholds of lipid levels in older people. <i>European Heart Journal</i> , 2009, 30, 1711-1719.	1.0	15
975	Physical activity during daily life and brachial artery flow-mediated dilation in peripheral arterial disease. <i>Vascular Medicine</i> , 2009, 14, 193-201.	0.8	44
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981	The Multidimensional Prognostic Index Predicts Short- and Long-Term Mortality in Hospitalized Geriatric Patients With Pneumonia. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009, 64A, 880-887.	1.7	78
982	Measures of Autozygosity in Decline: Globalization, Urbanization, and Its Implications for Medical Genetics. <i>PLoS Genetics</i> , 2009, 5, e1000415.	1.5	76
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1002	Predictors of Interleukinâ€”6 Elevation in Older Adults. <i>Journal of the American Geriatrics Society</i> , 2009, 57, 1672-1677.	1.3	27
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1007	Whole grain intake: The Baltimore Longitudinal Study of Aging. <i>Journal of Food Composition and Analysis</i> , 2009, 22, 53-58.	1.9	20
1008	The Comprehensive Geriatric Assessment and the multidimensional approach. A new look at the older patient with gastroenterological disorders. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2009, 23, 829-837.	1.0	41

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1014	The dopaminergic neurons of the A11 system in RLS autopsy brains appear normal. <i>Sleep Medicine</i> , 2009, 10, 1155-1157.	0.8	75
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1016	Associations of Borderline and Low Normal Ankle-Brachial Index Values With Functional Decline at 5-Year Follow-Up. <i>Journal of the American College of Cardiology</i> , 2009, 53, 1056-1062.	1.2	171
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1018	Nonlinear Multisystem Physiological Dysregulation Associated With Frailty in Older Women: Implications for Etiology and Treatment. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009, 64A, 1049-1057.	1.7	403
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1023	Aging and the Kidney: Introduction. <i>Seminars in Nephrology</i> , 2009, 29, 549-550.	0.6	2
1024	Biometric identification using knee X-rays. <i>International Journal of Biometrics</i> , 2009, 1, 365.	0.3	22
1025	Omega-3 and Renal Function in Older Adults. <i>Current Pharmaceutical Design</i> , 2009, 15, 4149-4156.	0.9	45
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1029	A Genome-Wide Association Study Identifies Protein Quantitative Trait Loci (pQTLs). PLoS Genetics, 2008, 4, e1000072.	1.5	415
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1034	Associations Between Lower Extremity Ischemia, Upper and Lower Extremity Strength, and Functional Impairment with Peripheral Arterial Disease. Journal of the American Geriatrics Society, 2008, 56, 724-729.	1.3	67
1035	Associations Between Vitamin D Status and Pain in Older Adults: The Invecchiare in Chianti Study. Journal of the American Geriatrics Society, 2008, 56, 785-791.	1.3	61
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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1038	Physical Activity During Daily Life and Circulating Biomarker Levels in Patients With Peripheral Arterial Disease. American Journal of Cardiology, 2008, 102, 1263-1268.	0.7	28
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1048	Prognostic Value of Functional Performance for Mortality in Patients With Peripheral Artery Disease. <i>Journal of the American College of Cardiology</i> , 2008, 51, 1482-1489.	1.2	135
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1050	Physiological correlates of age-related decline in vibrotactile sensitivity. <i>Neurobiology of Aging</i> , 2008, 29, 765-773.	1.5	61
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
1052	Carotenoids as Protection Against Disability in Older Persons. <i>Rejuvenation Research</i> , 2008, 11, 557-563.	0.9	62
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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1055	Epidemiology of hip and knee pain in a community based sample of Italian persons aged 65 and older. <i>Osteoarthritis and Cartilage</i> , 2008, 16, 1039-1046.	0.6	39
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
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1059	Low plasma selenium concentrations and mortality among older community-dwelling adults: the InCHIANTI Study. <i>Ageing Clinical and Experimental Research</i> , 2008, 20, 153-158.	1.4	32
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1065	Development and Validation of a Multidimensional Prognostic Index for One-Year Mortality from Comprehensive Geriatric Assessment in Hospitalized Older Patients. <i>Rejuvenation Research</i> , 2008, 11, 151-161.	0.9	397
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1074	<i>ACTN3</i> genotype is associated with muscle phenotypes in women across the adult age span. <i>Journal of Applied Physiology</i> , 2008, 105, 1486-1491.	1.2	116
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1104	The GLUT9 Gene Is Associated with Serum Uric Acid Levels in Sardinia and Chianti Cohorts. <i>PLoS Genetics</i> , 2007, 3, e194.	1.5	249
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1107	Genealogy of centenarians and their relatives: A study of 12 families. <i>Archives of Gerontology and Geriatrics</i> , 2007, 45, 97-102.	1.4	8
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1138	Statin Use and Functional Decline in Patients With and Without Peripheral Arterial Disease. <i>Journal of the American College of Cardiology</i> , 2006, 47, 998-1004.	1.2	89
1139	Relationship of Plasma Polyunsaturated Fatty Acids to Circulating Inflammatory Markers. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 439-446.	1.8	585
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1146	Magnesium and muscle performance in older persons: the InCHIANTI study. <i>American Journal of Clinical Nutrition</i> , 2006, 84, 419-426.	2.2	111
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1166	Metabolic Factors Associated with Benign Prostatic Hyperplasia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 2562-2568.	1.8	281
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1168	Association of executive function and performance of dual-task physical tests among older adults: analyses from the InChianti study. <i>Age and Ageing</i> , 2006, 35, 619-624.	0.7	239
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1175	D-Dimer and Inflammatory Markers as Predictors of Functional Decline in Men and Women with and without Peripheral Arterial Disease. <i>Journal of the American Geriatrics Society</i> , 2005, 53, 1688-1696.	1.3	50
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1178	IL-6 gene variation is not associated with increased serum levels of IL-6, muscle, weakness, or frailty in older women. <i>Experimental Gerontology</i> , 2005, 40, 344-352.	1.2	59
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1184	Change in Self-Rated Health and Mortality Among Community-Dwelling Disabled Older Women. <i>Gerontologist</i> , The, 2005, 45, 216-221.	2.3	65
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1223	Environmental Components of Mobility Disability in Community-Living Older Persons. <i>Journal of the American Geriatrics Society</i> , 2003, 51, 393-398.	1.3	185
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