

George A Kuchel

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|--------------------|-------------------------|----------------|-----------------|
| 171 papers | 6,766 citations | 43 h-index | 77 g-index |
| 201 ext. papers | 8,742 ext. citations | 5.5 avg, IF | 6.22 L-index |

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 171 | Geriatric syndromes: clinical, research, and policy implications of a core geriatric concept. <i>Journal of the American Geriatrics Society</i> , 2007 , 55, 780-91 | 5.6 | 1050 |
| 170 | ELISA and multiplex technologies for cytokine measurement in inflammation and aging research. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2008 , 63, 879-84 | 6.4 | 300 |
| 169 | Synaptic innervation density is regulated by neuron-derived BDNF. <i>Neuron</i> , 1997 , 18, 257-67 | 13.9 | 241 |
| 168 | Conceptual and methodological issues relevant to cytokine and inflammatory marker measurements in clinical research. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2010 , 13, 541-7 | 3.8 | 197 |
| 167 | APOE e4 Genotype Predicts Severe COVID-19 in the UK Biobank Community Cohort. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020 , 75, 2231-2232 | 6.4 | 177 |
| 166 | Detrusor underactivity: Clinical features and pathogenesis of an underdiagnosed geriatric condition. <i>Journal of the American Geriatrics Society</i> , 2006 , 54, 1920-32 | 5.6 | 171 |
| 165 | Sexual-dimorphism in human immune system aging. <i>Nature Communications</i> , 2020 , 11, 751 | 17.4 | 147 |
| 164 | Incontinence in the frail elderly: report from the 4th International Consultation on Incontinence. <i>Neurourology and Urodynamics</i> , 2010 , 29, 165-78 | 2.3 | 132 |
| 163 | Oral glycotoxins are a modifiable cause of dementia and the metabolic syndrome in mice and humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 4940-5 | 11.5 | 115 |
| 162 | Chemokines are associated with delirium after cardiac surgery. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2008 , 63, 184-9 | 6.4 | 115 |
| 161 | A framework for selection of blood-based biomarkers for geroscience-guided clinical trials: report from the TAME Biomarkers Workgroup. <i>GeroScience</i> , 2018 , 40, 419-436 | 8.9 | 111 |
| 160 | Muscle quality in aging: a multi-dimensional approach to muscle functioning with applications for treatment. <i>Sports Medicine</i> , 2015 , 45, 641-58 | 10.6 | 100 |
| 159 | Postoperative Delirium and Postoperative Cognitive Dysfunction: Overlap and Divergence. <i>Anesthesiology</i> , 2019 , 131, 477-491 | 4.3 | 89 |
| 158 | Urinary incontinence in frail elderly persons: Report from the 5th International Consultation on Incontinence. <i>Neurourology and Urodynamics</i> , 2015 , 34, 398-406 | 2.3 | 88 |
| 157 | The chromatin accessibility signature of human immune aging stems from CD8 T cells. <i>Journal of Experimental Medicine</i> , 2017 , 214, 3123-3144 | 16.6 | 86 |
| 156 | The blood-brain barrier: geriatric relevance of a critical brain-body interface. <i>Journal of the American Geriatrics Society</i> , 2010 , 58, 1749-57 | 5.6 | 86 |
| 155 | T-Cell Immunity to Influenza in Older Adults: A Pathophysiological Framework for Development of More Effective Vaccines. <i>Frontiers in Immunology</i> , 2016 , 7, 41 | 8.4 | 86 |

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|-----|---|------|----|
| 154 | White matter hyperintensities predict functional decline in voiding, mobility, and cognition in older adults. <i>Journal of the American Geriatrics Society</i> , 2010 , 58, 275-81 | 5.6 | 84 |
| 153 | Human longevity is influenced by many genetic variants: evidence from 75,000 UK Biobank participants. <i>Aging</i> , 2016 , 8, 547-60 | 5.6 | 84 |
| 152 | Human longevity: 25 genetic loci associated in 389,166 UK biobank participants. <i>Aging</i> , 2017 , 9, 2504-2520 | 5.6 | 83 |
| 151 | Localization of brain white matter hyperintensities and urinary incontinence in community-dwelling older adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009 , 64, 902-9 | 6.4 | 83 |
| 150 | Role of endocrine-immune dysregulation in osteoporosis, sarcopenia, frailty and fracture risk. <i>Molecular Aspects of Medicine</i> , 2005 , 26, 181-201 | 16.7 | 80 |
| 149 | ASSOCIATIONS OF ADVERSE CHILDHOOD EXPERIENCES WITH DSM-5 DEPRESSIVE DISORDERS AND SUICIDE ATTEMPT IN OLDER ADULTS. <i>Innovation in Aging</i> , 2019 , 3, S571-S572 | 0.1 | 78 |
| 148 | ABO GENE AND AGING-RELATED OUTCOMES IN OVER 379,000 EUROPEAN-DESCENT PARTICIPANTS OF UK BIOBANK. <i>Innovation in Aging</i> , 2019 , 3, S925-S925 | 0.1 | 78 |
| 147 | Cytokines and Postoperative Delirium in Older Patients Undergoing Major Elective Surgery. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015 , 70, 1289-95 | 6.4 | 76 |
| 146 | Functional impact of relative versus absolute sarcopenia in healthy older women. <i>Journal of the American Geriatrics Society</i> , 2007 , 55, 1712-9 | 5.6 | 76 |
| 145 | Measurement of muscle disease by quantitative second-harmonic generation imaging. <i>Journal of Biomedical Optics</i> , 2008 , 13, 044018 | 3.5 | 66 |
| 144 | Common conditions associated with hereditary haemochromatosis genetic variants: cohort study in UK Biobank. <i>BMJ, The</i> , 2019 , 364, k5222 | 5.9 | 64 |
| 143 | Report: NIA Workshop on Measures of Physiologic Resiliencies in Human Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 980-990 | 6.4 | 62 |
| 142 | Higher C-Reactive Protein Levels Predict Postoperative Delirium in Older Patients Undergoing Major Elective Surgery: A Longitudinal Nested Case-Control Study. <i>Biological Psychiatry</i> , 2017 , 81, 145-153 | 7.9 | 61 |
| 141 | ROLE OF OVARIAN HORMONES IN THE PATHOGENESIS OF IMPAIRED DETRUSOR CONTRACTILITY: EVIDENCE IN OVARECTOMIZED RODENTS. <i>Journal of Urology</i> , 2001 , 166, 1136-1141 | 2.5 | 61 |
| 140 | Sestrins induce natural killer function in senescent-like CD8 T cells. <i>Nature Immunology</i> , 2020 , 21, 684-694 | 9.1 | 58 |
| 139 | Postmenopausal hormone therapy increases retinal blood flow and protects the retinal nerve fiber layer 2010 , 51, 2587-600 | | 58 |
| 138 | ApoE e4e4 Genotype and Mortality With COVID-19 in UK Biobank. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020 , 75, 1801-1803 | 6.4 | 57 |
| 137 | Peripheral dopamine in pathophysiology of hypertension. Interaction with aging and lifestyle. <i>Hypertension</i> , 1991 , 18, 709-21 | 8.5 | 53 |

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|-----|--|------|----|
| 136 | Blood Pressure Trajectories in the 20 Years Before Death. <i>JAMA Internal Medicine</i> , 2018 , 178, 93-99 | 11.5 | 51 |
| 135 | Changes in the expression of splicing factor transcripts and variations in alternative splicing are associated with lifespan in mice and humans. <i>Aging Cell</i> , 2016 , 15, 903-13 | 9.9 | 49 |
| 134 | Detrusor expulsive strength is preserved, but responsiveness to bladder filling and urinary sensitivity is diminished in the aging mouse. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012 , 302, R577-86 | 3.2 | 48 |
| 133 | Central adiposity and the overweight risk paradox in aging: follow-up of 130,473 UK Biobank participants. <i>American Journal of Clinical Nutrition</i> , 2017 , 106, 130-135 | 7 | 46 |
| 132 | Impact of Age, Caloric Restriction, and Influenza Infection on Mouse Gut Microbiome: An Exploratory Study of the Role of Age-Related Microbiome Changes on Influenza Responses. <i>Frontiers in Immunology</i> , 2017 , 8, 1164 | 8.4 | 46 |
| 131 | Impact of Aging and Cytomegalovirus on Immunological Response to Influenza Vaccination and Infection. <i>Frontiers in Immunology</i> , 2017 , 8, 784 | 8.4 | 45 |
| 130 | Bladder cancer in the elderly: clinical outcomes, basic mechanisms, and future research direction. <i>Nature Reviews Urology</i> , 2009 , 6, 135-44 | 5.5 | 45 |
| 129 | Pathophysiology and animal modeling of underactive bladder. <i>International Urology and Nephrology</i> , 2014 , 46 Suppl 1, S11-21 | 2.3 | 44 |
| 128 | The immune response to influenza in older humans: beyond immune senescence. <i>Immunity and Ageing</i> , 2020 , 17, 10 | 9.7 | 43 |
| 127 | Neurotrophin receptor and tyrosine hydroxylase gene expression in aged sympathetic neurons. <i>Neurobiology of Aging</i> , 1997 , 18, 67-79 | 5.6 | 43 |
| 126 | Influenza Vaccination in Older Adults: Recent Innovations and Practical Applications. <i>Drugs and Aging</i> , 2019 , 36, 29-37 | 4.7 | 43 |
| 125 | Dietary DHA reduces downstream endocannabinoid and inflammatory gene expression and epididymal fat mass while improving aspects of glucose use in muscle in C57BL/6J mice. <i>International Journal of Obesity</i> , 2016 , 40, 129-37 | 5.5 | 42 |
| 124 | The lethal sex gap: COVID-19. <i>Immunity and Ageing</i> , 2020 , 17, 13 | 9.7 | 42 |
| 123 | Red cell distribution width and common disease onsets in 240,477 healthy volunteers followed for up to 9 years. <i>PLoS ONE</i> , 2018 , 13, e0203504 | 3.7 | 38 |
| 122 | The effect of 3-year treatment with 0.25 mg/day of micronized 17beta-estradiol on cognitive function in older postmenopausal women. <i>Journal of the American Geriatrics Society</i> , 2007 , 55, 426-31 | 5.6 | 37 |
| 121 | Gender differences in anthropometric predictors of physical performance in older adults. <i>Gender Medicine</i> , 2012 , 9, 445-56 | | 36 |
| 120 | Macrophage migration inhibitory factor inhibits osteoclastogenesis. <i>Bone</i> , 2009 , 45, 640-9 | 4.7 | 36 |
| 119 | Development of Clinical Trials to Extend Healthy Lifespan. <i>Cardiovascular Endocrinology and Metabolism</i> , 2018 , 7, 80-83 | 2.5 | 35 |

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|-----|---|-----|----|
| 118 | Sex differences in lower urinary tract biology and physiology. <i>Biology of Sex Differences</i> , 2018 , 9, 45 | 9.3 | 35 |
| 117 | A Geriatric Perspective on Benign Paroxysmal Positional Vertigo. <i>Journal of the American Geriatrics Society</i> , 2016 , 64, 378-85 | 5.6 | 34 |
| 116 | Continuous uroflow cystometry in the urethane-anesthetized mouse. <i>Neurourology and Urodynamics</i> , 2010 , 29, 1344-9 | 2.3 | 34 |
| 115 | Kalirin-7, an important component of excitatory synapses, is regulated by estradiol in hippocampal neurons. <i>Hippocampus</i> , 2011 , 21, 661-77 | 3.5 | 33 |
| 114 | Telomere length and aging-related outcomes in humans: A Mendelian randomization study in 261,000 older participants. <i>Aging Cell</i> , 2019 , 18, e13017 | 9.9 | 32 |
| 113 | Influenza vaccine-mediated protection in older adults: Impact of influenza infection, cytomegalovirus serostatus and vaccine dosage. <i>Experimental Gerontology</i> , 2018 , 107, 116-125 | 4.5 | 30 |
| 112 | Null mutation for macrophage migration inhibitory factor (MIF) is associated with less aggressive bladder cancer in mice. <i>BMC Cancer</i> , 2007 , 7, 135 | 4.8 | 30 |
| 111 | Mutations of the notch3 gene in non-caucasian patients with suspected CADASIL syndrome. <i>Dementia and Geriatric Cognitive Disorders</i> , 2001 , 12, 185-93 | 2.6 | 30 |
| 110 | Obesity in Older People With and Without Conditions Associated With Weight Loss: Follow-up of 955,000 Primary Care Patients. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 203-209 | 6.4 | 29 |
| 109 | Long-term exposure to ambient air pollution and serum leptin in older adults: results from the MOBILIZE Boston study. <i>Journal of Occupational and Environmental Medicine</i> , 2014 , 56, e73-7 | 2 | 29 |
| 108 | Null mutation in macrophage migration inhibitory factor prevents muscle cell loss and fibrosis in partial bladder outlet obstruction. <i>American Journal of Physiology - Renal Physiology</i> , 2006 , 291, F1343-53 | 4.3 | 29 |
| 107 | Red blood cell distribution width: Genetic evidence for aging pathways in 116,666 volunteers. <i>PLoS ONE</i> , 2017 , 12, e0185083 | 3.7 | 28 |
| 106 | Associations of Adverse Childhood Experiences with Past-Year DSM-5 Psychiatric and Substance Use Disorders in Older Adults. <i>Journal of the American Geriatrics Society</i> , 2019 , 67, 2085-2093 | 5.6 | 27 |
| 105 | Transplanting cells from old but not young donors causes physical dysfunction in older recipients. <i>Aging Cell</i> , 2020 , 19, e13106 | 9.9 | 24 |
| 104 | C-reactive protein, vitamin D deficiency, and slow gait speed. <i>Journal of the American Geriatrics Society</i> , 2013 , 61, 1574-9 | 5.6 | 23 |
| 103 | Functional recovery and collateral neuronal sprouting examined in young and aged rats following a partial neural lesion. <i>Brain Research</i> , 1991 , 540, 195-203 | 3.7 | 23 |
| 102 | e2 and aging-related outcomes in 379,000 UK Biobank participants. <i>Aging</i> , 2020 , 12, 12222-12233 | 5.6 | 23 |
| 101 | Outcomes of Treated Hypertension at Age 80 and Older: Cohort Analysis of 79,376 Individuals. <i>Journal of the American Geriatrics Society</i> , 2017 , 65, 995-1003 | 5.6 | 22 |

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|-----|--|-----|----|
| 100 | Aging augments the impact of influenza respiratory tract infection on mobility impairments, muscle-localized inflammation, and muscle atrophy. <i>Aging</i> , 2016 , 8, 620-35 | 5.6 | 22 |
| 99 | ApoE e4 Genotype Predicts Severe COVID-19 in the UK Biobank Community Cohort | | 21 |
| 98 | Evidence of central modulation of bladder compliance during filling phase. <i>Neurourology and Urodynamics</i> , 2012 , 31, 30-5 | 2.3 | 20 |
| 97 | Alterations in target innervation and collateral sprouting in the aging sympathetic nervous system. <i>Experimental Neurology</i> , 1993 , 124, 381-6 | 5.7 | 20 |
| 96 | Decline in response to nicotine in aged rat striatum: correlation with a decrease in a subpopulation of nicotinic receptors. <i>Journal of Neurochemistry</i> , 1993 , 61, 2225-32 | 6 | 20 |
| 95 | Decreased neurofilament gene expression is an index of selective axonal hypotrophy in ageing. <i>NeuroReport</i> , 1997 , 8, 799-805 | 1.7 | 19 |
| 94 | Report and Research Agenda of the American Geriatrics Society and National Institute on Aging Bedside-to-Bench Conference on Urinary Incontinence in Older Adults: A Translational Research Agenda for a Complex Geriatric Syndrome. <i>Journal of the American Geriatrics Society</i> , 2018 , 66, 773-782 | 5.6 | 19 |
| 93 | Strategies for Targeting Senescent Cells in Human Disease. <i>Nature Aging</i> , 2021 , 1, 870-879 | | 19 |
| 92 | Overactive bladder in the vulnerable elderly. <i>Research and Reports in Urology</i> , 2014 , 6, 131-8 | 1.3 | 18 |
| 91 | Estrogen and postnatal maturation increase caveolar number and caveolin-1 protein in bladder smooth muscle cells. <i>Journal of Urology</i> , 2004 , 171, 467-71 | 2.5 | 18 |
| 90 | IL-2 and IL-6 cooperate to enhance the generation of influenza-specific CD8 T cells responding to live influenza virus in aged mice and humans. <i>Oncotarget</i> , 2016 , 7, 39171-39183 | 3.3 | 18 |
| 89 | Age-Related Increase in Blood Levels of Otolin-1 in Humans. <i>Otology and Neurotology</i> , 2017 , 38, 865-869 | 2.6 | 17 |
| 88 | COVID-19 severity is predicted by earlier evidence of accelerated aging 2020 , | | 17 |
| 87 | Development of a Dynamic Multi-Protein Signature of Postoperative Delirium. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 261-268 | 6.4 | 17 |
| 86 | Diagnosis and management of urinary incontinence in the older patient. <i>Archives of Physical Medicine and Rehabilitation</i> , 2001 , 82, 134-8 | 2.8 | 16 |
| 85 | Vitamin D levels and risk of delirium: A mendelian randomization study in the UK Biobank. <i>Neurology</i> , 2019 , 92, e1387-e1394 | 6.5 | 15 |
| 84 | Interventional stroke therapies in the elderly: are we helping?. <i>American Journal of Neuroradiology</i> , 2012 , 33, 638-42 | 4.4 | 15 |
| 83 | Experience of an incontinence clinic for older women: no apparent age limit for potential physical and psychological benefits. <i>Journal of Women's Health and Gender-Based Medicine</i> , 2001 , 10, 751-6 | | 15 |

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|----|--|-----|----|
| 82 | International drive to illuminate delirium: A developing public health blueprint for action. <i>Alzheimer's and Dementia</i> , 2020 , 16, 711-725 | 1.2 | 14 |
| 81 | Impact of Low Cardiovascular Risk Profiles on Geriatric Outcomes: Evidence From 421,000 Participants in Two Cohorts. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 350-357 | 6.4 | 14 |
| 80 | MicroRNAs miR-203-3p, miR-664-3p and miR-708-5p are associated with median strain lifespan in mice. <i>Scientific Reports</i> , 2017 , 7, 44620 | 4.9 | 13 |
| 79 | Obesity and Longer Term Risks of Dementia in 65-74 Year Olds. <i>Age and Ageing</i> , 2019 , 48, 367-373 | 3 | 13 |
| 78 | A Relationship Between Blood Levels of Otolin-1 and Vitamin D. <i>Otology and Neurotology</i> , 2018 , 39, e269-6273 | 13 | |
| 77 | Polymorphisms in the macrophage migration inhibitory factor gene and bone loss in postmenopausal women. <i>Bone</i> , 2010 , 47, 424-9 | 4.7 | 13 |
| 76 | Pelvic floor muscle training with biofeedback and bladder training in elderly women: a feasibility study. <i>Journal of Wound, Ostomy and Continence Nursing</i> , 2005 , 32, 186-99 | 1.7 | 13 |
| 75 | Decreased neurofilament gene expression is an index of selective axonal hypotrophy in ageing. <i>NeuroReport</i> , 1996 , 7, 1353-9 | 1.7 | 13 |
| 74 | Recovery of function following unilateral denervation, but not unilateral decentralization, of the pineal gland as indicated by measurements of pineal melatonin content and urinary melatonin metabolites. <i>Neuroscience</i> , 1990 , 37, 413-20 | 3.9 | 13 |
| 73 | Any versus long-term prescribing of high risk medications in older people using 2012 Beers Criteria: results from three cross-sectional samples of primary care records for 2003/4, 2007/8 and 2011/12. <i>BMC Geriatrics</i> , 2015 , 15, 146 | 4.1 | 12 |
| 72 | Advanced therapeutic directions to treat the underactive bladder. <i>International Urology and Nephrology</i> , 2014 , 46 Suppl 1, S35-44 | 2.3 | 12 |
| 71 | Can variability in the hormonal status of elderly women assist in the decision to administer estrogens?. <i>Journal of Women's Health and Gender-Based Medicine</i> , 2001 , 10, 109-16 | | 12 |
| 70 | Vitamin D insufficiency and abnormal hemoglobin a1c in black and white older persons. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015 , 70, 525-31 | 6.4 | 11 |
| 69 | Hereditary Hemochromatosis Associations with Frailty, Sarcopenia and Chronic Pain: Evidence from 200,975 Older UK Biobank Participants. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 337-342 | 6.4 | 10 |
| 68 | Expert Panel Recommendations on Lower Urinary Tract Health of Women Across Their Life Span. <i>Journal of Women's Health</i> , 2016 , 25, 1086-1096 | 3 | 10 |
| 67 | Functional Brain Imaging and the Neural Basis for Voiding Dysfunction in Older Adults. <i>Clinics in Geriatric Medicine</i> , 2015 , 31, 549-65 | 3.8 | 10 |
| 66 | Cardiovascular Responses to Phlebotomy and Sitting in Middle-aged and Elderly Subjects. <i>Archives of Internal Medicine</i> , 1992 , 152, 366 | | 10 |
| 65 | Incontinence in frail elderly persons: Report of the 6th International Consultation on Incontinence. <i>Neurourology and Urodynamics</i> , 2021 , 40, 38-54 | 2.3 | 10 |

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|----|---|------|----|
| 64 | Genome-wide meta-analysis of muscle weakness identifies 15 susceptibility loci in older men and women. <i>Nature Communications</i> , 2021 , 12, 654 | 17.4 | 10 |
| 63 | Methodologic considerations in the design and analysis of nested case-control studies: association between cytokines and postoperative delirium. <i>BMC Medical Research Methodology</i> , 2017 , 17, 88 | 4.7 | 9 |
| 62 | Regulation of the prostaglandin pathway during development of invasive bladder cancer in mice. <i>Prostaglandins and Other Lipid Mediators</i> , 2009 , 88, 36-41 | 3.7 | 9 |
| 61 | An inducible -Cre mouse model to monitor and manipulate -highly-expressing senescent cells .. <i>Nature Aging</i> , 2021 , 1, 962-973 | | 9 |
| 60 | 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 | 6.4 | 9 |
| 59 | Longer-Lived Parents and Cardiovascular Outcomes: 8-Year Follow-Up In 186,000 U.K. Biobank Participants. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 874-5 | 15.1 | 8 |
| 58 | HIV and aging: a clinical journey from Koch's postulate to the chronic disease model and the contribution of geriatric syndromes. <i>Current Opinion in HIV and AIDS</i> , 2014 , 9, 405-11 | 4.2 | 8 |
| 57 | Estrogen replacement raises rat CRP without evidence of complement activation. <i>Endocrine Research</i> , 2005 , 31, 121-32 | 1.9 | 8 |
| 56 | Nutrition and inflammation: the missing link between periodontal disease and systemic health in the frail elderly?. <i>Journal of Clinical Periodontology</i> , 2006 , 33, 309-11 | 7.7 | 8 |
| 55 | Moving geroscience from the bench to clinical care and health policy. <i>Journal of the American Geriatrics Society</i> , 2021 , 69, 2455-2463 | 5.6 | 8 |
| 54 | A geroscience perspective on immune resilience and infectious diseases: a potential case for metformin. <i>GeroScience</i> , 2021 , 43, 1093-1112 | 8.9 | 8 |
| 53 | Creating the Next Generation of Translational Geroscientists. <i>Journal of the American Geriatrics Society</i> , 2019 , 67, 1934-1939 | 5.6 | 7 |
| 52 | Frailty, allostatic load, and the future of predictive gerontology. <i>Journal of the American Geriatrics Society</i> , 2009 , 57, 1704-6 | 5.6 | 7 |
| 51 | Agrin becomes concentrated at neuroeffector junctions in developing rodent urinary bladder. <i>Cell and Tissue Research</i> , 2005 , 320, 115-25 | 4.2 | 7 |
| 50 | Risk Factors for Falls Among Older Adults Following Transition From Nursing Home to the Community. <i>Medical Care Research and Review</i> , 2019 , 76, 73-88 | 3.7 | 7 |
| 49 | Design and Validation of a Radio-Frequency Identification-Based Device for Routinely Assessing Gait Speed in a Geriatrics Clinic. <i>Journal of the American Geriatrics Society</i> , 2018 , 66, 982-986 | 5.6 | 6 |
| 48 | Stroke severity and outcomes for octogenarians receiving statins. <i>Archives of Gerontology and Geriatrics</i> , 2013 , 57, 377-82 | 4 | 6 |
| 47 | Ovariectomy up-regulates neuronal neurofilament light chain mRNA expression with regional and temporal specificity. <i>Neuroscience</i> , 2001 , 103, 629-37 | 3.9 | 6 |

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|----|---|------|---|
| 46 | Targeting p21 highly expressing cells in adipose tissue alleviates insulin resistance in obesity. <i>Cell Metabolism</i> , 2021 , | 24.6 | 6 |
| 45 | Senolytics alleviate the degenerative disorders of temporomandibular joint in old age. <i>Aging Cell</i> , 2021 , 20, e13394 | 9.9 | 6 |
| 44 | 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 | 6.4 | 6 |
| 43 | Low Vitamin D Levels and Risk of Incident Delirium in 351,000 Older UK Biobank Participants. <i>Journal of the American Geriatrics Society</i> , 2021 , 69, 365-372 | 5.6 | 6 |
| 42 | Frailty Is Associated With Increased Hemagglutination-Inhibition Titers in a 4-Year Randomized Trial Comparing Standard- and High-Dose Influenza Vaccination. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa ¹ 148 | 148 | 5 |
| 41 | Influenza Vaccination: Accelerating the Process for New Vaccine Development in Older Adults. <i>Interdisciplinary Topics in Gerontology and Geriatrics</i> , 2020 , 43, 98-112 | 3 | 5 |
| 40 | RESPONSE LETTER TO DRS. ROCKWOOD AND MITNITSKI. <i>Journal of the American Geriatrics Society</i> , 2007 , 55, 2092-2093 | 5.6 | 5 |
| 39 | The Prevention of Infections in Older Adults: Vaccination. <i>Journal of the American Geriatrics Society</i> , 2020 , 68, 207-214 | 5.6 | 5 |
| 38 | 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 | 6.4 | 5 |
| 37 | Biological Aging Predicts Vulnerability to COVID-19 Severity in UK Biobank Participants. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 , 76, e133-e141 | 6.4 | 5 |
| 36 | HCN as a Mediator of Urinary Homeostasis: Age-Associated Changes in Expression and Function in Adrenergic Detrusor Relaxation. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 325-329 | 6.4 | 4 |
| 35 | Defining and advancing education and conservative therapies of underactive bladder. <i>International Urology and Nephrology</i> , 2014 , 46 Suppl 1, S29-34 | 2.3 | 4 |
| 34 | HUMAN LONGEVITY IS INFLUENCED BY MANY GENETIC VARIANTS: EVIDENCE FROM 75,000 UK BIOBANK PARTICIPANTS | | 4 |
| 33 | ApoE e4e4 genotype and mortality with COVID-19 in UK Biobank | | 4 |
| 32 | Clinical Outcomes of CADASIL-Associated NOTCH3 Mutations in 451,424 European Ancestry Community Volunteers. <i>Translational Stroke Research</i> , 2019 , 10, 339-341 | 7.8 | 4 |
| 31 | Underactive bladder and detrusor underactivity represent different facets of volume hyposensitivity and not impaired contractility. <i>Bladder</i> , 2015 , 2, 17 | 2 | 3 |
| 30 | The Aged Sympathetic Nervous System 2001 , 929-939 | | 3 |
| 29 | Pharmacist Identification of Medication Therapy Problems Involving Cognition Among Older Adults Followed by a Home-Based Care Team. <i>Drugs and Aging</i> , 2021 , 38, 157-168 | 4.7 | 3 |

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|----|---|------|---|
| 28 | 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 | 6.4 | 3 |
| 27 | Hemochromatosis Mutations, Brain Iron Imaging, and Dementia in the UK Biobank Cohort. <i>Journal of Alzheimer's Disease</i> , 2021 , 79, 1203-1211 | 4.3 | 3 |
| 26 | Clinical trial testing in-home multidisciplinary care management for older adults with cognitive vulnerability: Rationale and study design. <i>Contemporary Clinical Trials</i> , 2020 , 92, 105992 | 2.3 | 2 |
| 25 | Author Response: Eu-estrogenemia and Retinal Blood Flow 2010 , 51, 6902 | | 2 |
| 24 | Dizziness in geriatric practice. <i>Journal of the American Geriatrics Society</i> , 1990 , 38, 957 | 5.6 | 2 |
| 23 | Preventing Infections and Healthy Aging 2019 , 181-188 | | 1 |
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