

# Jeremy Walston

## List of Publications by Year in descending order

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Version: 2024-02-01

109  
papers

13,311  
citations

50276

46  
h-index

46799

89  
g-index

112  
all docs

112  
docs citations

112  
times ranked

16042  
citing authors

#	ARTICLE	IF	CITATIONS
1	Frailty Consensus: A Call to Action. Journal of the American Medical Directors Association, 2013, 14, 392-397.	2.5	2,839
2	Research Agenda for Frailty in Older Adults: Toward a Better Understanding of Physiology and Etiology: Summary from the American Geriatrics Society/National Institute on Aging Research Conference on Frailty in Older Adults. Journal of the American Geriatrics Society, 2006, 54, 991-1001.	2.6	1,293
3	Frailty and Activation of the Inflammation and Coagulation Systems With and Without Clinical Comorbidities&lt;sub>title&gt;Results From the Cardiovascular Health Study&lt;/sub>. Archives of Internal Medicine, 2002, 162, 2333.	3.8	812
4	Leukocyte Telomere Length and Cardiovascular Disease in the Cardiovascular Health Study. American Journal of Epidemiology, 2006, 165, 14-21.	3.4	686
5	Time of Onset of Non-Insulin-Dependent Diabetes Mellitus and Genetic Variation in the Î²3-Adrenergicâ€“Receptor Gene. New England Journal of Medicine, 1995, 333, 343-347.	27.0	605
6	Association of a Polymorphism in the Î²3-Adrenergicâ€“Receptor Gene with Features of the Insulin Resistance Syndrome in Finns. New England Journal of Medicine, 1995, 333, 348-352.	27.0	571
7	Serum Interleukinâ€“6 and Hemoglobin as Physiological Correlates in the Geriatric Syndrome of Frailty: A Pilot Study. Journal of the American Geriatrics Society, 2002, 50, 1268-1271.	2.6	349
8	Inflammation and coagulation factors in persons &gt;65 years of age with symptoms of depression but without evidence of myocardial ischemiaâˆ“—The opinions and assertions expressed herein are those of the authors and are not to be construed as reflecting the views of the USUHS or the US Department of Defense.. American Journal of Cardiology, 2002, 89, 419-424.	1.6	300
9	Frailty Screening and Interventions. Clinics in Geriatric Medicine, 2018, 34, 25-38.	2.6	285
10	DNA methylation of cord blood cell types: Applications for mixed cell birth studies. Epigenetics, 2016, 11, 354-362.	2.7	256
11	Clinical Global Impression of Change in Physical Frailty: Development of a Measure Based on Clinical Judgment. Journal of the American Geriatrics Society, 2004, 52, 1560-1566.	2.6	224
12	Association of Polymorphisms in the CRP Gene With Circulating C-Reactive Protein Levels and Cardiovascular Events. JAMA - Journal of the American Medical Association, 2006, 296, 2703.	7.4	224
13	FRAILITY AND THE OLDER MAN. Medical Clinics of North America, 1999, 83, 1173-1194.	2.5	220
14	The Mechanobiology of Aging. Annual Review of Biomedical Engineering, 2015, 17, 113-141.	12.3	216
15	The physical frailty syndrome as a transition from homeostatic symphony to cacophony. Nature Aging, 2021, 1, 36-46.	11.6	210
16	Common Variation in the Î²-Carotene 15,15â€“Monooxygenase 1 Gene Affects Circulating Levels of Carotenoids: A Genome-wide Association Study. American Journal of Human Genetics, 2009, 84, 123-133.	6.2	203
17	Chronic Cytomegalovirus Infection and Inflammation Are Associated with Prevalent Frailty in Community-Dwelling Older Women. Journal of the American Geriatrics Society, 2005, 53, 747-754.	2.6	198
18	Simple Biologically Informed Inflammatory Index of Two Serum Cytokines Predicts 10 Year All-Cause Mortality in Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69A, 165-173.	3.6	197

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19	Oxidative protein damage is associated with poor grip strength among older women living in the community. <i>Journal of Applied Physiology</i> , 2007, 103, 17-20.	2.5	174
20	Chronic wound repair and healing in older adults: Current status and future research. <i>Wound Repair and Regeneration</i> , 2015, 23, 1-13.	3.0	150
21	Frailty, Length of Stay, and Mortality in Kidney Transplant Recipients. <i>Annals of Surgery</i> , 2017, 266, 1084-1090.	4.2	145
22	Changes in Frailty After Kidney Transplantation. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 2152-2157.	2.6	126
23	Moving Frailty Toward Clinical Practice: NIA Intramural Frailty Science Symposium Summary. <i>Journal of the American Geriatrics Society</i> , 2019, 67, 1559-1564.	2.6	126
24	Low Serum Selenium and Total Carotenoids Predict Mortality among Older Women Living in the Community: The Women's Health and Aging Studies. <i>Journal of Nutrition</i> , 2006, 136, 172-176.	2.9	121
25	Soluble CD14. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 158-164.	2.4	114
26	Hyperglycemia and Incidence of Frailty and Lower Extremity Mobility Limitations in Older Women. <i>Journal of the American Geriatrics Society</i> , 2012, 60, 1701-1707.	2.6	113
27	Oxidative Stress and Severe Walking Disability among Older Women. <i>American Journal of Medicine</i> , 2007, 120, 1084-1089.	1.5	112
28	Insulin Resistance Is Associated With Decreased Quadriceps Muscle Strength in Nondiabetic Adults Aged ≥70 Years. <i>Diabetes Care</i> , 2009, 32, 736-738.	8.6	112
29	Frailty, Mycophenolate Reduction, and Graft Loss in Kidney Transplant Recipients. <i>Transplantation</i> , 2015, 99, 805-810.	1.0	110
30	Trends in Kidney Transplant Outcomes in Older Adults. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 2235-2242.	2.6	100
31	Advanced glycation end products and their circulating receptors predict cardiovascular disease mortality in older community-dwelling women. <i>Aging Clinical and Experimental Research</i> , 2009, 21, 182-190.	2.9	97
32	The Association Between Preoperative Frailty and Postoperative Delirium After Cardiac Surgery. <i>Anesthesia and Analgesia</i> , 2016, 123, 430-435.	2.2	97
33	Frailty, Inflammatory Markers, and Waitlist Mortality Among Patients With End-stage Renal Disease in a Prospective Cohort Study. <i>Transplantation</i> , 2018, 102, 1740-1746.	1.0	97
34	T cell subsets and mortality in older community-dwelling women. <i>Experimental Gerontology</i> , 2005, 40, 81-87.	2.8	90
35	How should older adults with cancer be evaluated for frailty?. <i>Journal of Geriatric Oncology</i> , 2017, 8, 8-15.	1.0	84
36	Is Hyperglycemia Associated with Frailty Status in Older Women?. <i>Journal of the American Geriatrics Society</i> , 2009, 57, 840-847.	2.6	82

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37	Biophysical and biomolecular determination of cellular age in humans. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	74
38	Dual Peptide Conjugation Strategy for Improved Cellular Uptake and Mitochondria Targeting. <i>Bioconjugate Chemistry</i> , 2015, 26, 71-77.	3.6	72
39	Integrating Frailty Research into the Medical Specialties Report from a U13 Conference. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 2134-2139.	2.6	71
40	Frailty--The Search For Underlying Causes. <i>Science of Aging Knowledge Environment: SAGE KE</i> , 2004, 2004, 4pe-4.	0.8	67
41	The impact of age-related dysregulation of the angiotensin system on mitochondrial redox balance. <i>Frontiers in Physiology</i> , 2014, 5, 439.	2.8	55
42	RELIABILITY AND VALIDITY OF THE FRAIL ELDERLY FUNCTIONAL ASSESSMENT QUESTIONNAIRE. <i>American Journal of Physical Medicine and Rehabilitation</i> , 1995, 74, 45-53.	1.4	53
43	Impaired mitochondrial degradation by autophagy in the skeletal muscle of the aged female interleukin 10 null mouse. <i>Experimental Gerontology</i> , 2016, 73, 23-27.	2.8	53
44	Low serum selenium concentrations are associated with poor grip strength among older women living in the community. <i>BioFactors</i> , 2007, 29, 37-44.	5.4	52
45	TRP64ARG $\beta$ 3-adrenergic receptor and obesity in Mexican Americans. <i>Human Genetics</i> , 1997, 101, 306-311.	3.8	48
46	Does Genetic Testing for Obesity Influence Confidence in the Ability to Lose Weight? A Pilot Investigation. <i>Journal of the American Dietetic Association</i> , 2001, 101, 1351-1353.	1.1	48
47	Polymorphisms in the Mitochondrial DNA Control Region and Frailty in Older Adults. <i>PLoS ONE</i> , 2010, 5, e11069.	2.5	44
48	Oxidative Stress Is Associated with Greater Mortality in Older Women Living in the Community. <i>Journal of the American Geriatrics Society</i> , 2007, 55, 1421-1425.	2.6	43
49	Common Coding Variants of the HNF1A Gene Are Associated With Multiple Cardiovascular Risk Phenotypes in Community-Based Samples of Younger and Older European-American Adults. <i>Circulation: Cardiovascular Genetics</i> , 2009, 2, 244-254.	5.1	43
50	Plasma Levels of Soluble Interleukin-2 Receptor $\beta$ . <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2246-2253.	2.4	43
51	Dementia and Alzheimer's Disease among Older Kidney Transplant Recipients. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 1575-1583.	6.1	43
52	Topical Reformulation of Valsartan for Treatment of Chronic Diabetic Wounds. <i>Journal of Investigative Dermatology</i> , 2018, 138, 434-443.	0.7	41
53	$\beta$ 3-adrenoceptor gene variant in obesity and insulin resistance. <i>Lancet, The</i> , 1996, 348, 1584-1585.	13.7	40
54	Observational Study Examining the Association of Baseline Frailty and Postcardiac Surgery Delirium and Cognitive Change. <i>Anesthesia and Analgesia</i> , 2019, 129, 507-514.	2.2	40

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55	Associations between common fibrinogen gene polymorphisms and cardiovascular disease in older adults. <i>Thrombosis and Haemostasis</i> , 2008, 99, 388-395.	3.4	38
56	<i>Streptococcus mitis</i> Expressing Pneumococcal Serotype 1 Capsule. <i>Scientific Reports</i> , 2018, 8, 17959.	3.3	37
57	Variation in the Ciliary Neurotrophic Factor Gene and Muscle Strength in Older Caucasian Women. <i>Journal of the American Geriatrics Society</i> , 2006, 54, 823-826.	2.6	32
58	The $\beta$ 3-adrenergic receptor in the obesity and diabetes prone rhesus monkey is very similar to human and contains arginine at codon 64. <i>Gene</i> , 1997, 188, 207-213.	2.2	30
59	Critical Transition in Tissue Homeostasis Accompanies Murine Lung Senescence. <i>PLoS ONE</i> , 2011, 6, e20712.	2.5	30
60	The Association of Vitamin D Deficiency and Incident Frailty in Older Women: The Role of Cardiometabolic Diseases. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 619-624.	2.6	30
61	Evidence for dying-back axonal degeneration in age-associated skeletal muscle decline. <i>Muscle and Nerve</i> , 2017, 55, 894-901.	2.2	30
62	High coping self-efficacy associated with lower odds of pre-frailty/frailty in older adults with chronic disease. <i>Aging and Mental Health</i> , 2020, 24, 1956-1962.	2.8	27
63	Association of peripheral inflammatory markers with connectivity in large-scale functional brain networks of non-demented older adults. <i>Brain, Behavior, and Immunity</i> , 2020, 87, 388-396.	4.1	27
64	Insulin Response to Glucose Is Lower in Individuals Homozygous for the Arg 64 Variant of the $\beta$ 3-Adrenergic Receptor1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 4019-4022.	3.6	26
65	Chronic Systemic Inflammation Is Associated With Symptoms of Late-Life Depression: The ARIC Study. <i>American Journal of Geriatric Psychiatry</i> , 2020, 28, 87-98.	1.2	24
66	Common variants in the CRP gene in relation to longevity and cause-specific mortality in older adults: The Cardiovascular Health Study. <i>Atherosclerosis</i> , 2008, 197, 922-930.	0.8	23
67	Angiotensin-Converting Enzyme Inhibitors and Parameters of Sarcopenia: Relation to Muscle Mass, Strength and Function: Data from the Berlin Aging Study-II (BASE-II). <i>Drugs and Aging</i> , 2016, 33, 829-837.	2.7	23
68	<i>Streptococcus pneumoniae</i> colonization after introduction of 13-valent pneumococcal conjugate vaccine for US adults 65 years of age and older, 2015-2016. <i>Vaccine</i> , 2019, 37, 1094-1100.	3.8	23
69	Arg64 $\beta$ 3-Adrenoceptor Variant and the Components of Energy Expenditure. <i>Obesity</i> , 2003, 11, 509-511.	4.0	21
70	The transition to family caregiving and its effect on biomarkers of inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16258-16263.	7.1	20
71	Common promoter polymorphisms of inflammation and thrombosis genes and longevity in older adults: The cardiovascular health study. <i>Atherosclerosis</i> , 2005, 181, 175-183.	0.8	19
72	Impaired Olfaction and Risk of Delirium or Cognitive Decline After Cardiac Surgery. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 16-23.	2.6	18

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73	Sarcopenia and health-related quality of life in older adults after transcatheter aortic valve replacement. <i>American Heart Journal</i> , 2020, 224, 171-181.	2.7	18
74	Circulating oxidized low-density lipoproteins are associated with overweight, obesity, and low serum carotenoids in older community-dwelling women. <i>Nutrition</i> , 2008, 24, 964-968.	2.4	17
75	Unexplained anemia of aging: Etiology, health consequences, and diagnostic criteria. <i>Journal of the American Geriatrics Society</i> , 2022, 70, 891-899.	2.6	17
76	Aged interleukin-10 <sup>tm1Cgn</sup> chronically inflamed mice have substantially reduced fat mass, metabolic rate, and adipokines. <i>PLoS ONE</i> , 2017, 12, e0186811.	2.5	15
77	Functional Outcomes of Frail Patients After Cardiac Surgery: An Observational Study. <i>Anesthesia and Analgesia</i> , 2020, 130, 1534-1544.	2.2	14
78	Development and Validation of an Inflammatory-Frailty Index for Kidney Transplantation. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 470-477.	3.6	14
79	Objectively Measured Patterns of Daily Physical Activity and Phenotypic Frailty. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 1882-1889.	3.6	12
80	Derivation of a measure of physiological multisystem dysregulation: Results from WHAS and health ABC. <i>Mechanisms of Ageing and Development</i> , 2020, 188, 111258.	4.6	9
81	IL10 deficiency promotes alveolar enlargement and lymphoid dysmorphogenesis in the aged murine lung. <i>Aging Cell</i> , 2020, 19, e13130.	6.7	9
82	Fractional re-distribution among cell motility states during ageing. <i>Communications Biology</i> , 2021, 4, 81.	4.4	9
83	Increased Single-Fiber Jitter Level Is Associated With Reduction in Motor Function With Aging. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2018, 97, 551-556.	1.4	8
84	Exploring frailty and mild cognitive impairment in kidney transplantation to predict biomedical, psychosocial and health cost outcomes (GERAS): protocol of a nationwide prospective cohort study. <i>Journal of Advanced Nursing</i> , 2017, 73, 716-734.	3.3	6
85	Early detection of accelerated aging and cellular decline (AACD): A consensus statement. <i>Experimental Gerontology</i> , 2021, 146, 111242.	2.8	5
86	Rapid synthesis of standards or allele-specific oligonucleotide hybridization. <i>Trends in Genetics</i> , 1994, 10, 184-185.	6.7	4
87	Molecular scanning of the beta-3-adrenergic receptor gene in Pima Indians and Caucasians. <i>Diabetes/Metabolism Research and Reviews</i> , 1999, 15, 175-180.	4.0	3
88	Nutrition in aging and disease: update on biological sciences. <i>Aging Health</i> , 2012, 8, 13-16.	0.3	3
89	Circulating cell-free DNA of mitochondrial origin connects cognitive and physical decline in aging and is associated with increased mortality. <i>Alzheimer's and Dementia</i> , 2020, 16, e045595.	0.8	1
90	Angiotensin Receptor Blockers Upregulate Angiotensin Type 4 Receptor in Brains of Cognitively Intact Individuals. <i>Innovation in Aging</i> , 2021, 5, 634-634.	0.1	1

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91	Effect of Influenza Vaccine on Tumor Necrosis Factor-Like Weak Inducer of Apoptosis (TWAK) in Older Population. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.9	0
92	Nonpneumococcal Streptococci Confounding Polymerase Chain Reaction Serotyping of <i>Streptococcus pneumoniae</i> in United States Colonized Adults. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.9	0
93	Frailty, Inflammation, and Waitlist Mortality among Patients with End-Stage Renal Disease on the Kidney Transplant Waitlist. <i>Transplantation</i> , 2018, 102, S162.	1.0	0
94	Reply to From Frailty to Gerastenia. <i>Journal of the American Geriatrics Society</i> , 2019, 67, 2210-2211.	2.6	0
95	THE ROLE OF ATHEROSCLEROSIS AND LEFT VENTRICULAR STRUCTURE AND FUNCTION IN FRAILTY DEVELOPMENT: RESULTS FROM THE MULTI-ETHNIC STUDY OF ATHEROSCLEROSIS (MESA). <i>Journal of the American College of Cardiology</i> , 2019, 73, 1545.	2.8	0
96	ALTERED TRYPTOPHAN DEGRADATION LINKS CHRONIC INFLAMMATION TO FUNCTIONAL DECLINE & FRAILTY IN MICE AND HUMANS. <i>Innovation in Aging</i> , 2019, 3, S957-S958.	0.1	0
97	Oxidative protein damage is associated with poor grip strength among older women living in the community. <i>FASEB Journal</i> , 2007, 21, A685.	0.5	0
98	Circulating oxidized low-density lipoproteins are associated with overweight, obesity, and low serum carotenoids in older community-dwelling women. <i>FASEB Journal</i> , 2008, 22, 924.4.	0.5	0
99	Inhibited Maturation of Ter119+CD71+ Erythroid Precursors in Mice with Chronic Sterile Abscess.. <i>Blood</i> , 2008, 112, 3844-3844.	1.4	0
100	Racial differences in radiation-induced toxicity and cytokine expression levels.. <i>Journal of Clinical Oncology</i> , 2014, 32, e17570-e17570.	1.6	0
101	Air Pollution and Gerontological Constructs Among Patients With End-Stage Kidney Disease. <i>Innovation in Aging</i> , 2020, 4, 270-271.	0.1	0
102	Visual Impairment and Objectively Measured Physical Activity in Middle-Aged and Older Adults. <i>Innovation in Aging</i> , 2021, 5, 337-337.	0.1	0
103	Transplant Centers That Measure Frailty as Part of Clinical Practice Have Better Outcomes. <i>Innovation in Aging</i> , 2021, 5, 532-532.	0.1	0
104	Characterization of a Mouse Model of Inducible Frailty: The Humanized IL-6 Mouse. <i>Innovation in Aging</i> , 2021, 5, 529-530.	0.1	0
105	Telomere Length and the Transition to Family Caregiving in the REGARDS Study. <i>Innovation in Aging</i> , 2021, 5, 812-813.	0.1	0
106	Genes Contributing to Resilience and Sensitivity to Lisinopril at Old Age: Clinical Translation of GWA in <i>Drosophila</i> . <i>Innovation in Aging</i> , 2021, 5, 679-679.	0.1	0
107	Chronic Inflammation and the Acceleration of Chronic Disease States. <i>Innovation in Aging</i> , 2021, 5, 346-346.	0.1	0
108	Higher angiotensin II type 1 receptor (AT1R) levels and activity in the postmortem brains of older persons with Alzheimer's disease.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e053001.	0.8	0

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109	Losartan Mitigates Oxidative Stress in the Brains of Aged and Inflamed IL10 -/- Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, , .	3.6	0