

# 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	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
2	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
3	Losartan Mitigates Oxidative Stress in the Brains of Aged and Inflamed IL10 -/- Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, , .	3.6	0
4	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
5	The physical frailty syndrome as a transition from homeostatic symphony to cacophony. <i>Nature Aging</i> , 2021, 1, 36-46.	11.6	210
6	Early detection of accelerated aging and cellular decline (AACD): A consensus statement. <i>Experimental Gerontology</i> , 2021, 146, 111242.	2.8	5
7	Fractional re-distribution among cell motility states during ageing. <i>Communications Biology</i> , 2021, 4, 81.	4.4	9
8	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
9	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
10	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
11	Telomere Length and the Transition to Family Caregiving in the REGARDS Study. <i>Innovation in Aging</i> , 2021, 5, 812-813.	0.1	0
12	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
13	Chronic Inflammation and the Acceleration of Chronic Disease States. <i>Innovation in Aging</i> , 2021, 5, 346-346.	0.1	0
14	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
15	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
16	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
17	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
18	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

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19	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
20	Functional Outcomes of Frail Patients After Cardiac Surgery: An Observational Study. <i>Anesthesia and Analgesia</i> , 2020, 130, 1534-1544.	2.2	14
21	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
22	IL10 deficiency promotes alveolar enlargement and lymphoid dysmorphogenesis in the aged murine lung. <i>Aging Cell</i> , 2020, 19, e13130.	6.7	9
23	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
24	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
25	Air Pollution and Gerontological Constructs Among Patients With End-Stage Kidney Disease. <i>Innovation in Aging</i> , 2020, 4, 270-271.	0.1	0
26	Reply to From Frailty to Gerastenia. <i>Journal of the American Geriatrics Society</i> , 2019, 67, 2210-2211.	2.6	0
27	<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
28	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
29	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
30	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
31	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
32	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
33	Topical Reformulation of Valsartan for Treatment of Chronic Diabetic Wounds. <i>Journal of Investigative Dermatology</i> , 2018, 138, 434-443.	0.7	41
34	Frailty Screening and Interventions. <i>Clinics in Geriatric Medicine</i> , 2018, 34, 25-38.	2.6	285
35	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
36	<i>Streptococcus mitis</i> Expressing Pneumococcal Serotype 1 Capsule. <i>Scientific Reports</i> , 2018, 8, 17959.	3.3	37

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37	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
38	How should older adults with cancer be evaluated for frailty?. <i>Journal of Geriatric Oncology</i> , 2017, 8, 8-15.	1.0	84
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, Length of Stay, and Mortality in Kidney Transplant Recipients. <i>Annals of Surgery</i> , 2017, 266, 1084-1090.	4.2	145
41	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
42	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
43	Biophysical and biomolecular determination of cellular age in humans. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	74
44	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
45	Evidence for dying back axonal degeneration in age-associated skeletal muscle decline. <i>Muscle and Nerve</i> , 2017, 55, 894-901.	2.2	30
46	Aged interleukin-10 transgenic chronically inflamed mice have substantially reduced fat mass, metabolic rate, and adipokines. <i>PLoS ONE</i> , 2017, 12, e0186811.	2.5	15
47	Effect of Influenza Vaccine on Tumor Necrosis Factor-Like Weak Inducer of Apoptosis (TWEAK) in Older Population. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.9	0
48	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
49	DNA methylation of cord blood cell types: Applications for mixed cell birth studies. <i>Epigenetics</i> , 2016, 11, 354-362.	2.7	256
50	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
51	The Association Between Preoperative Frailty and Postoperative Delirium After Cardiac Surgery. <i>Anesthesia and Analgesia</i> , 2016, 123, 430-435.	2.2	97
52	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
53	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
54	Changes in Frailty After Kidney Transplantation. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 2152-2157.	2.6	126

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55	Frailty, Mycophenolate Reduction, and Graft Loss in Kidney Transplant Recipients. <i>Transplantation</i> , 2015, 99, 805-810.	1.0	110
56	The Mechanobiology of Aging. <i>Annual Review of Biomedical Engineering</i> , 2015, 17, 113-141.	12.3	216
57	Dual Peptide Conjugation Strategy for Improved Cellular Uptake and Mitochondria Targeting. <i>Bioconjugate Chemistry</i> , 2015, 26, 71-77.	3.6	72
58	Plasma Levels of Soluble Interleukin-2 Receptor $\hat{\pm}$ . <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2246-2253.	2.4	43
59	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
60	Trends in Kidney Transplant Outcomes in Older Adults. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 2235-2242.	2.6	100
61	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
62	Simple Biologically Informed Inflammatory Index of Two Serum Cytokines Predicts 10 Year All-Cause Mortality in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69A, 165-173.	3.6	197
63	Racial differences in radiation-induced toxicity and cytokine expression levels.. <i>Journal of Clinical Oncology</i> , 2014, 32, e17570-e17570.	1.6	0
64	Frailty Consensus: A Call to Action. <i>Journal of the American Medical Directors Association</i> , 2013, 14, 392-397.	2.5	2,839
65	Soluble CD14. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 158-164.	2.4	114
66	Nutrition in aging and disease: update on biological sciences. <i>Aging Health</i> , 2012, 8, 13-16.	0.3	3
67	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
68	Critical Transition in Tissue Homeostasis Accompanies Murine Lung Senescence. <i>PLoS ONE</i> , 2011, 6, e20712.	2.5	30
69	Polymorphisms in the Mitochondrial DNA Control Region and Frailty in Older Adults. <i>PLoS ONE</i> , 2010, 5, e11069.	2.5	44
70	Insulin Resistance Is Associated With Decreased Quadriceps Muscle Strength in Nondiabetic Adults Aged $\hat{\pm}$ 70 Years. <i>Diabetes Care</i> , 2009, 32, 736-738.	8.6	112
71	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
72	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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73	Common Variation in the $\beta$ -Carotene 15,15-Dioxygenase 1 Gene Affects Circulating Levels of Carotenoids: A Genome-wide Association Study. <i>American Journal of Human Genetics</i> , 2009, 84, 123-133.	6.2	203
74	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
75	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
76	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
77	Associations between common fibrinogen gene polymorphisms and cardiovascular disease in older adults. <i>Thrombosis and Haemostasis</i> , 2008, 99, 388-395.	3.4	38
78	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
79	Inhibited Maturation of Ter119+CD71+ Erythroid Precursors in Mice with Chronic Sterile Abscess.. <i>Blood</i> , 2008, 112, 3844-3844.	1.4	0
80	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
81	Oxidative Stress and Severe Walking Disability among Older Women. <i>American Journal of Medicine</i> , 2007, 120, 1084-1089.	1.5	112
82	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
83	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
84	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
85	Association of Polymorphisms in the CRP Gene With Circulating C-Reactive Protein Levels and Cardiovascular Events. <i>JAMA - Journal of the American Medical Association</i> , 2006, 296, 2703.	7.4	224
86	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
87	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
88	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. <i>Journal of the American Geriatrics Society</i> , 2006, 54, 991-1001.	2.6	1,293
89	Leukocyte Telomere Length and Cardiovascular Disease in the Cardiovascular Health Study. <i>American Journal of Epidemiology</i> , 2006, 165, 14-21.	3.4	686
90	Chronic Cytomegalovirus Infection and Inflammation Are Associated with Prevalent Frailty in Community-Dwelling Older Women. <i>Journal of the American Geriatrics Society</i> , 2005, 53, 747-754.	2.6	198

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91	T cell subsets and mortality in older community-dwelling women. <i>Experimental Gerontology</i> , 2005, 40, 81-87.	2.8	90
92	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
93	Clinical Global Impression of Change in Physical Frailty: Development of a Measure Based on Clinical Judgment. <i>Journal of the American Geriatrics Society</i> , 2004, 52, 1560-1566.	2.6	224
94	Frailty—The Search For Underlying Causes. <i>Science of Aging Knowledge Environment: SAGE KE</i> , 2004, 2004, 4pe-4.	0.8	67
95	Arg64Î²3-Adrenoceptor Variant and the Components of Energy Expenditure. <i>Obesity</i> , 2003, 11, 509-511.	4.0	21
96	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>. <i>Archives of Internal Medicine</i> , 2002, 162, 2333.	3.8	812
97	Inflammation and coagulation factors in persons &gt;65 years of age with symptoms of depression but without evidence of myocardial ischemia—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. <i>American Journal of Cardiology</i> , 2002, 89, 419-424.	1.6	300
98	Serum Interleukinâ€6 and Hemoglobin as Physiological Correlates in the Geriatric Syndrome of Frailty: A Pilot Study. <i>Journal of the American Geriatrics Society</i> , 2002, 50, 1268-1271.	2.6	349
99	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
100	Insulin Response to Glucose Is Lower in Individuals Homozygous for the Arg 64 Variant of the Î²-3-Adrenergic Receptor1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 4019-4022.	3.6	26
101	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
102	FRAILTY AND THE OLDER MAN. <i>Medical Clinics of North America</i> , 1999, 83, 1173-1194.	2.5	220
103	The Î²3-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
104	TRP64ARG Î²3-adrenergic receptor and obesity in Mexican Americans. <i>Human Genetics</i> , 1997, 101, 306-311.	3.8	48
105	Î²3-adrenoceptor gene variant in obesity and insulin resistance. <i>Lancet, The</i> , 1996, 348, 1584-1585.	13.7	40
106	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
107	Time of Onset of Non-Insulin-Dependent Diabetes Mellitus and Genetic Variation in the Î²3-Adrenergicâ€Receptor Gene. <i>New England Journal of Medicine</i> , 1995, 333, 343-347.	27.0	605
108	Association of a Polymorphism in the Î²3-Adrenergicâ€Receptor Gene with Features of the Insulin Resistance Syndrome in Finns. <i>New England Journal of Medicine</i> , 1995, 333, 348-352.	27.0	571

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109	Rapid synthesis of standards or allele-specific oligonucleotide hybridization. Trends in Genetics, 1994, 10, 184-185.	6.7	4