

# Carl F Pieper

## List of Publications by Year in descending order

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Version: 2024-02-01

118  
papers

5,884  
citations

136950

32  
h-index

76900

74  
g-index

129  
all docs

129  
docs citations

129  
times ranked

7984  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lower Extremity Function and Subsequent Disability: Consistency Across Studies, Predictive Models, and Value of Gait Speed Alone Compared With the Short Physical Performance Battery. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2000, 55, M221-M231.	3.6	2,264
2	Nutrition and Function: Is There a Relationship Between Body Mass Index and the Functional Capabilities of Community-Dwelling Elderly?. <i>Journal of the American Geriatrics Society</i> , 1994, 42, 368-373.	2.6	269
3	2 years of calorie restriction and cardiometabolic risk (CALERIE): exploratory outcomes of a multicentre, phase 2, randomised controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2019, 7, 673-683.	11.4	239
4	Daily steps and all-cause mortality: a meta-analysis of 15 international cohorts. <i>Lancet Public Health</i> , 2022, 7, e219-e228.	10.0	189
5	Long-term moderate calorie restriction inhibits inflammation without impairing cell-mediated immunity: a randomized controlled trial in non-obese humans. <i>Aging</i> , 2016, 8, 1416-1431.	3.1	156
6	Effect of Calorie Restriction on Mood, Quality of Life, Sleep, and Sexual Function in Healthy Nonobese Adults. <i>JAMA Internal Medicine</i> , 2016, 176, 743.	5.1	156
7	An Empirical Evaluation of the Predictive Mean Matching Method for Imputing Missing Values. <i>Sociological Methods and Research</i> , 1997, 26, 3-33.	6.8	140
8	Reliability of Impairment and Physical Performance Measures for Persons With Parkinson's Disease. <i>Physical Therapy</i> , 1997, 77, 19-27.	2.4	130
9	The Effect of Comorbid Illness on Receipt of Cancer Screening by Older People. <i>Journal of the American Geriatrics Society</i> , 2002, 50, 1651-1658.	2.6	126
10	Effect of Two-Year Caloric Restriction on Bone Metabolism and Bone Mineral Density in Non-Obese Younger Adults: A Randomized Clinical Trial. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 40-51.	2.8	123
11	Change in the Rate of Biological Aging in Response to Caloric Restriction: CALERIE Biobank Analysis. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 4-10.	3.6	119
12	Clinically important drug-disease interactions and their prevalence in older adults. <i>Clinical Therapeutics</i> , 2006, 28, 1133-1143.	2.5	108
13	Identifying Patterns of Multimorbidity in Older Americans: Application of Latent Class Analysis. <i>Journal of the American Geriatrics Society</i> , 2016, 64, 1668-1673.	2.6	94
14	Approaches for quantifying energy intake and %calorie restriction during calorie restriction interventions in humans: the multicenter CALERIE study. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E441-E448.	3.5	88
15	Body-composition changes in the Comprehensive Assessment of Long-term Effects of Reducing Intake of Energy (CALERIE)-2 study: a 2-y randomized controlled trial of calorie restriction in nonobese humans. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 913-927.	4.7	87
16	A metabolomics comparison of plant-based meat and grass-fed meat indicates large nutritional differences despite comparable Nutrition Facts panels. <i>Scientific Reports</i> , 2021, 11, 13828.	3.3	72
17	Effects of 2 years of caloric restriction on oxidative status assessed by urinary F <sub>2</sub> -isoprostanes: The CALERIE 2 randomized clinical trial. <i>Aging Cell</i> , 2018, 17, e12719.	6.7	65
18	Paget's disease of bone and quality of life. <i>Journal of Bone and Mineral Research</i> , 1996, 11, 1897-1904.	2.8	62

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19	Improved Function With Enhanced Protein Intake per Meal: A Pilot Study of Weight Reduction in Frail, Obese Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 1369-1375.	3.6	60
20	Sociodemographic Characteristics of the Neighborhood and Depressive Symptoms in Older Adults: Using Multilevel Modeling in Geriatric Psychiatry. <i>American Journal of Geriatric Psychiatry</i> , 2006, 14, 498-506.	1.2	54
21	Six subphenotypes in septic shock: Latent class analysis of the PROWESS Shock study. <i>Journal of Critical Care</i> , 2018, 47, 70-79.	2.2	54
22	Effects of caloric restriction on human physiological, psychological, and behavioral outcomes: highlights from CALERIE phase 2. <i>Nutrition Reviews</i> , 2021, 79, 98-113.	5.8	48
23	Subtypes of Mania Determined by Grade of Membership Analysis. <i>Neuropsychopharmacology</i> , 2001, 25, 373-383.	5.4	47
24	Predictive Validity of Radiographic Trabecular Bone Texture in Knee Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2018, 70, 80-87.	5.6	46
25	Factors Affecting Accuracy of Data Abstracted from Medical Records. <i>PLoS ONE</i> , 2015, 10, e0138649.	2.5	44
26	Development of adherence metrics for caloric restriction interventions. <i>Clinical Trials</i> , 2011, 8, 155-164.	1.6	42
27	Multiplexed, quantitative serological profiling of COVID-19 from blood by a point-of-care test. <i>Science Advances</i> , 2021, 7, .	10.3	42
28	Wheelchair Users Are Not Necessarily Wheelchair Bound. <i>Journal of the American Geriatrics Society</i> , 2002, 50, 645-654.	2.6	39
29	Pilot randomized controlled trial of exercise training for older veterans with PTSD. <i>Journal of Behavioral Medicine</i> , 2020, 43, 648-659.	2.1	39
30	Clinical Fractures Among Older Men With Diabetes Are Mediated by Diabetic Complications. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 281-287.	3.6	37
31	Distribution and Correlates of Serum 25-Hydroxyvitamin D Levels in a Sample of Patients with Hip Fracture. <i>American Journal of Geriatric Pharmacotherapy</i> , 2007, 5, 335-340.	3.0	35
32	Association of Sensory and Cognitive Impairment With Healthcare Utilization and Cost in Older Adults. <i>Journal of the American Geriatrics Society</i> , 2019, 67, 1617-1624.	2.6	35
33	Beet the Best?. <i>Circulation Research</i> , 2018, 123, 654-659.	4.5	34
34	Disinhibited eating and weight-related insulin mismanagement among individuals with type 1 diabetes. <i>Appetite</i> , 2014, 81, 123-130.	3.7	32
35	Changes in body weight, adherence, and appetite during 2 years of calorie restriction: the CALERIE 2 randomized clinical trial. <i>European Journal of Clinical Nutrition</i> , 2020, 74, 1210-1220.	2.9	32
36	Calorie restriction improves lipid-related emerging cardiometabolic risk factors in healthy adults without obesity: Distinct influences of BMI and sex from CALERIEâ„, a multicentre, phase 2, randomised controlled trial. <i>EclinicalMedicine</i> , 2022, 43, 101261.	7.1	26

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37	Effects of elevated oxygen and carbon dioxide partial pressures on respiratory function and cognitive performance. <i>Journal of Applied Physiology</i> , 2014, 117, 406-412.	2.5	25
38	Sibling Bereavement in Late Life. <i>Omega: Journal of Death and Dying</i> , 1997, 35, 25-42.	1.0	24
39	Simultaneously Collected Monopolar and Discrete Bipolar Electrograms: Comparison of Activation Time Detection Algorithms. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1993, 16, 426-433.	1.2	23
40	A Novel Analytic Technique to Measure Associations Between Circulating Biomarkers and Physical Performance Across the Adult Life Span. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 196-202.	3.6	23
41	Infections after kidney transplantation. Does age matter?. <i>Clinical Transplantation</i> , 2019, 33, e13516.	1.6	23
42	Does accounting for seizure frequency variability increase clinical trial power?. <i>Epilepsy Research</i> , 2017, 137, 145-151.	1.6	22
43	Diminished physical function in older HIV-infected adults in the Southeastern U.S. despite successful antiretroviral therapy. <i>PLoS ONE</i> , 2017, 12, e0179874.	2.5	22
44	Ultrasensitive point-of-care immunoassay for secreted glycoprotein detects Ebola infection earlier than PCR. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	22
45	Influence of Protein Intake, Race, and Age on Responses to a Weight-Reduction Intervention in Obese Women. <i>Current Developments in Nutrition</i> , 2017, 1, e000703.	0.3	20
46	Limited Osteoporosis Screening Effectiveness Due to Low Treatment Rates in a National Sample of Older Men. <i>Mayo Clinic Proceedings</i> , 2018, 93, 1749-1759.	3.0	20
47	Predictors of Short-Term Changes in Serum Intact Parathyroid Hormone Levels in Hemodialysis Patients: Role of Phosphorus, Calcium, and Gender. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 3860-3866.	3.6	19
48	Analysis of professional competencies for the clinical research data management profession: implications for training and professional certification. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 737-745.	4.4	19
49	Resiliency Groups Following Hip Fracture in Older Adults. <i>Journal of the American Geriatrics Society</i> , 2019, 67, 2519-2527.	2.6	19
50	Influence of Weight Reduction and Enhanced Protein Intake on Biomarkers of Inflammation in Older Adults with Obesity. <i>Journal of Nutrition in Gerontology and Geriatrics</i> , 2019, 38, 33-49.	1.0	19
51	Age matters: older age as a risk factor for CMV reactivation in the CMV serostatusâ€“positive kidney transplant recipient. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 455-463.	2.9	17
52	Activation Time Detection Algorithms Used in Computerized Intraoperative Cardiac Mapping: A Comparison with Manually Determined Activation Times. <i>Journal of Cardiovascular Electrophysiology</i> , 1991, 2, 388-397.	1.7	16
53	Effects of tai chi chuan on anxiety and sleep quality in young adults: lessons from a randomized controlled feasibility study. <i>Nature and Science of Sleep</i> , 2016, Volume 8, 305-314.	2.7	16
54	Late-life Depression Modifies the Association Between Cerebral White Matter Hyperintensities and Functional Decline Among Older Adults. <i>American Journal of Geriatric Psychiatry</i> , 2016, 24, 42-49.	1.2	16

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55	Meal-based enhancement of protein quality and quantity during weight loss in obese older adults with mobility limitations: Rationale and design for the MEASUR-UP trial. <i>Contemporary Clinical Trials</i> , 2015, 40, 112-123.	1.8	15
56	Heterogeneity in the three-year course of major depression among older adults. <i>International Journal of Geriatric Psychiatry</i> , 2016, 31, 775-782.	2.7	15
57	Age-Related Adverse Inflammatory and Metabolic Changes Begin Early in Adulthood. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 283-289.	3.6	15
58	Medical illness, religion, health control and depression of institutionalized medically ill veterans in long-term care. <i>International Journal of Geriatric Psychiatry</i> , 1996, 11, 613-620.	2.7	14
59	Application of the marginal structural model to account for suboptimal adherence in a randomized controlled trial. <i>Contemporary Clinical Trials Communications</i> , 2016, 4, 222-228.	1.1	14
60	Endothelial Progenitor Cell Levels Predict Future Physical Function: An Exploratory Analysis From the VA Enhanced Fitness Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 362-369.	3.6	14
61	A template for physical resilience research in older adults: Methods of the PRIME-KNEE study. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 3232-3241.	2.6	13
62	Factors associated with self-rated health in patients with paget's disease of bone. <i>Journal of Bone and Mineral Research</i> , 1999, 14, 99-102.	2.8	9
63	Pre-implantation genetic testing alters the sex ratio: an analysis of 91,805 embryo transfer cycles. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 1117-1122.	2.5	9
64	A pilot study of high-intensity interval training in older adults with treatment naïve chronic lymphocytic leukemia. <i>Scientific Reports</i> , 2021, 11, 23137.	3.3	9
65	Inflammation and Coagulation as Mediators in the Relationships Between Religious Attendance and Functional Limitations in Older Adults. <i>Journal of Aging and Health</i> , 2014, 26, 679-697.	1.7	8
66	Vascular lesions and functional limitations among older adults: does depression make a difference?. <i>International Psychogeriatrics</i> , 2014, 26, 1501-1509.	1.0	8
67	Intraoperative Renal Resistive Index as an Acute Kidney Injury Biomarker: Development and Validation of an Automated Analysis Algorithm. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 2203-2209.	1.3	8
68	Identification of Trajectory-Based Acute Kidney Injury Phenotypes Among Cardiac Surgery Patients. <i>Annals of Thoracic Surgery</i> , 2022, 114, 2235-2243.	1.3	8
69	Combined Dietary Nitrate and Exercise Intervention in Peripheral Artery Disease: Protocol Rationale and Design. <i>JMIR Research Protocols</i> , 2017, 6, e139.	1.0	7
70	Experience with Kapton-Based Bipolar Electrode Arrays Used During Computerized Intraoperative Mapping. <i>Journal of Cardiovascular Electrophysiology</i> , 1990, 1, 496-505.	1.7	6
71	Bandwidth-Induced Errors in Parameters Used for Automated Activation Time Determination During Computerized Intraoperative Cardiac Mapping: Theoretical Limits. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1991, 14, 214-226.	1.2	6
72	Influence of Time of Sampling Onset on Parameters Used for Activation Time Determination in Computerized Intraoperative Mapping. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1991, 14, 2187-2192.	1.2	6

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73	The Epicardial Field Potential in Dog: Implications for Recording Site Density During Epicardial Mapping. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1993, 16, 1263-1274.	1.2	6
74	Economic Analysis of Primary Care-Based Physical Activity Counseling in Older Men: The <sc>VA</sc>-<sc>LIFE</sc> Trial. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 533-539.	2.6	6
75	Combined Inflammation and Metabolism Biomarker Indices of Robust and Impaired Physical Function in Older Adults. <i>Journal of the American Geriatrics Society</i> , 2018, 66, 1353-1359.	2.6	6
76	Comparative implementation-effectiveness of three strategies to perform hearing screening among older adults in primary care clinics: study design and protocol. <i>BMC Geriatrics</i> , 2020, 20, 170.	2.7	6
77	Evaluating the Association Between Hearing Loss and Falls in Adults With Vestibular Dysfunction or Nonvestibular Dizziness. <i>Ear and Hearing</i> , 2022, 43, 1003-1012.	2.1	6
78	Differential effects of calorie restriction and rapamycin on age-related molecular and functional changes in skeletal muscle. <i>Experimental Gerontology</i> , 2022, 165, 111841.	2.8	6
79	Observations on the Epicardial Activation of the Normal Human Heart. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1992, 15, 2295-2307.	1.2	5
80	Improved Spatial Resolution for Cardiac Mapping Using Current Source Density-Based Electrode Arrays. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1995, 18, 34-44.	1.2	5
81	Assessing patient perceptions of cytomegalovirus infection in pregnancy. <i>Journal of Medical Virology</i> , 2020, 92, 3658-3664.	5.0	5
82	Psychometrics of the Balance Beam Functional Test in C57BL/6 Mice. <i>Comparative Medicine</i> , 2021, 71, 302-308.	1.0	5
83	Relations of established aging biomarkers (IL-6, D-dimer, s-VCAM) to glomerular filtration rate and mortality in community-dwelling elderly adults. <i>CKJ: Clinical Kidney Journal</i> , 2018, 11, 377-382.	2.9	4
84	Challenges in defining successful adherence to calorie restriction goals in humans: Results from CALERIE, c 2. <i>Experimental Gerontology</i> , 2022, 162, 111757.	2.8	4
85	Cost trajectories as a measure of functional resilience after hospitalization in older adults. <i>Aging Clinical and Experimental Research</i> , 2020, 32, 2595-2601.	2.9	3
86	Grief in Medical Students: The Short and Long-Term Impacts on Health and Well-Being. <i>American Journal of Hospice and Palliative Medicine</i> , 2022, 39, 196-204.	1.4	3
87	Traumatic brain injury and dementia risk in male veteran older twins—Controlling for genetic and early life non-genetic factors. <i>Alzheimer's and Dementia</i> , 2022, 18, 2234-2242.	0.8	3
88	Spectral Analysis of Activation Time Sequences. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1994, 17, 1288-1299.	1.2	2
89	Statins for Primary Prevention in Older Adults: An Unresolved Conundrum. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 2352-2353.	2.6	2
90	Markers of Renal Function in Older Adults Completing a Higher Protein Obesity Intervention and One Year Later: Findings from the MEASUR-UP Trial. <i>Journal of Nutrition in Gerontology and Geriatrics</i> , 2018, 37, 117-129.	1.0	2

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91	Impact of a documentation intervention on health-assessment metrics on an inpatient gynecologic oncology service. <i>Gynecologic Oncology</i> , 2019, 153, 385-390.	1.4	2
92	Vaginal Mycoplasmataceae colonization and association with immune mediators in pregnancy. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 2295-2302.	1.5	2
93	Rationale and Design for a Higher (Dairy) Protein Weight Loss Intervention That Promotes Muscle Quality and Bone Health in Older Adults with Obesity: A Randomized, Controlled Pilot Study. <i>Journal of Nutrition in Gerontology and Geriatrics</i> , 2021, 40, 150-170.	1.0	2
94	Single blastocyst transfer yields similar pregnancy rates compared with multiple cleavage embryo transfer, with reduced twin rate, in patients with low number of fertilized oocytes. <i>Middle East Fertility Society Journal</i> , 2020, 25, .	1.5	2
95	The Relation of Accelerometer-Measured Physical Activity and Serum Uric Acid Using the National Health and Nutrition Survey (NHANES) 2003-2004. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 775398.	1.8	2
96	NUTRITION ASSESSMENT IN HIGH-RISK PATIENTS: NRS-2002, PG-SGA, AND NFPE IN OLDER ADULTS PREPARING FOR ELECTIVE SURGERY. <i>Innovation in Aging</i> , 2019, 3, S392-S392.	0.1	1
97	THE RELATIONSHIP OF THE TRAJECTORY OF COMORBIDITY ON FUNCTIONAL STATUS IN A COMMUNITY SAMPLE OF ELDERS. <i>Innovation in Aging</i> , 2019, 3, S826-S827.	0.1	1
98	FEAR AND DYNAMIC INFLAMMATORY RESPONSE TO MOVEMENT AMONG OLDER ADULTS WITH LOW BACK PAIN: A FEASIBILITY ANALYSIS. <i>Innovation in Aging</i> , 2019, 3, S716-S717.	0.1	1
99	Impact of a Higher (Dairy) Protein Weight Loss Intervention on Function and Body Composition in Obese Older Adults with Limited Functional Performance. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa040_068.	0.3	1
100	Cue-based treatment for light smokers: A proof of concept pilot. <i>Addictive Behaviors</i> , 2021, 114, 106717.	3.0	1
101	Impact Of Intercurrent Illness On Functional Outcomes In A Clinical Trial To Improve Elder Fitness. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S338.	0.4	1
102	Differences between completely physically inactive and low active older men and their response to an exercise intervention: the Veterans LIFE study. <i>Healthy Aging Research</i> , 2015, 4, .	0.3	1
103	The above letter was referred to the author(s) of the original paper and their reply follows. <i>Journal of the American Geriatrics Society</i> , 2003, 51, 1816-1817.	2.6	0
104	Response to "Death or hospitalization of patients on chronic hemodialysis is associated with a physician-based diagnosis of depression". <i>Kidney International</i> , 2009, 75, 861-862.	5.2	0
105	A preliminary predictive model for wheelchair use 4 months after receipt. <i>Technology and Disability</i> , 2012, 24, 71-81.	0.6	0
106	Cardiac Disease in Elderly Holocaust Survivors Who Live in Israel: A Case for Risk and Resilience. <i>Journal of the American Geriatrics Society</i> , 2018, 66, 1661-1662.	2.6	0
107	Malnutrition in Older Veterans Preparing for Surgery: Prevalence Rates and Evaluation (Sensitivity/Specificity) of Screening and Assessment Tools (OR36-07-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz035.OR36-07-19.	0.3	0
108	Fertility awareness and attitudes among resident physicians across different specialties. <i>Fertility and Sterility</i> , 2019, 112, e406.	1.0	0

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109	Preimplantation genetic testing alters the sex ratio: an analysis of 44,939 cycles from the society for assisted reproductive technology database. <i>Fertility and Sterility</i> , 2019, 112, e228.	1.0	0
110	Bone Mineral Density Responses to Obesity Reduction with Enhanced Protein: Short Term Results in Functionally Frail Older Adults (OR18-04-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz028. OR18-04-19.	0.3	0
111	112: Urinary metabolomic profiles in pregnancy and association with fetal growth restriction. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, S90-S91.	1.3	0
112	RESILIENCY PHENOTYPES FOLLOWING HIP FRACTURE IN OLDER ADULTS. <i>Innovation in Aging</i> , 2019, 3, S822-S822.	0.1	0
113	TBI and increased risk of non- $\alpha$ -Alzheimer's disease dementia in older male twins. <i>Alzheimer's and Dementia</i> , 2020, 16, e044817.	0.8	0
114	Determinants of Maintenance and Recovery of Function in a Representative Older Community-Resident Biracial Sample. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 1141-1147.e1.	2.5	0
115	47629 Contribution of Auditory Function to Falls Risk in Adults with Vestibulopathy. <i>Journal of Clinical and Translational Science</i> , 2021, 5, 139-139.	0.6	0
116	Physical Activity And Disability. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S324-S325.	0.4	0
117	Protocol for the models of primary osteoporosis screening in men (MOPS) cluster randomized trial. <i>Contemporary Clinical Trials</i> , 2022, 112, 106634.	1.8	0
118	Functional Assessment in Younger and Older Adults with Sickle Cell Disease. <i>Blood</i> , 2020, 136, 26-27.	1.4	0