

Michelle C Carlson

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.

75
papers

3,065
citations

26
h-index

55
g-index

78
ext. papers

3,755
ext. citations

4.1
avg, IF

6.06
L-index

#	Paper	IF	Citations
75	Ginkgo biloba for prevention of dementia: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 300, 2253-62	27.4	431
74	Ginkgo biloba for preventing cognitive decline in older adults: a randomized trial. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 302, 2663-70	27.4	221
73	Exploring the effects of an "everyday" activity program on executive function and memory in older adults: Experience Corps. <i>Gerontologist, The</i> , 2008 , 48, 793-801	5	201
72	Evidence for neurocognitive plasticity in at-risk older adults: the experience corps program. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009 , 64, 1275-82	6.4	168
71	Aging, the central nervous system, and mobility. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013 , 68, 1379-86	6.4	160
70	Midlife activity predicts risk of dementia in older male twin pairs. <i>Alzheimer's and Dementia</i> , 2008 , 4, 324-331	11.4	114
69	Executive decline and dysfunction precedes declines in memory: the Women's Health and Aging Study II. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009 , 64, 110-7	6.4	90
68	Lifestyle activities and memory: variety may be the spice of life. The women's health and aging study II. <i>Journal of the International Neuropsychological Society</i> , 2012 , 18, 286-94	3.1	90
67	Exploring the Motivators and Barriers of Older Adults Participating in an Interactive Exergame Intervention. <i>Innovation in Aging</i> , 2020 , 4, 402-402	0.1	78
66	Social Volunteering in Aging Adults Increases Regions of the Amygdala and Correlates With Enhanced Generativity. <i>Innovation in Aging</i> , 2020 , 4, 795-795	0.1	78
65	What Am I Measuring? Disentangling Cognitive Status From Sensory Impairment. <i>Innovation in Aging</i> , 2020 , 4, 822-822	0.1	78
64	Older Adults' Subjective Well-being Following an Exergame Intervention Bandit the Dolphin: Focus Group Findings. <i>Innovation in Aging</i> , 2020 , 4, 169-170	0.1	78
63	Lifestyle Complexity and Dementia Risk: Examining Moderation by APOE Genotype and Mild Cognitive Impairment. <i>Innovation in Aging</i> , 2020 , 4, 251-251	0.1	78
62	LATEST ADVANCES IN UNDERSTANDING THE RELATIONSHIPS BETWEEN FRAILTY AND COGNITIVE IMPAIRMENT. <i>Innovation in Aging</i> , 2019 , 3, S396-S396	0.1	78
61	AT THE INTERFACE OF THE BRAIN AND ENVIRONMENT: DETERMINANTS OF COGNITIVE FUNCTION AND MOBILITY. <i>Innovation in Aging</i> , 2019 , 3, S413-S413	0.1	78
60	COGNITIVE INTRAINDIVIDUAL VARIABILITY TO MEASURE INTERVENTION EFFECTIVENESS: BALTIMORE EXPERIENCE CORPS TRIAL. <i>Innovation in Aging</i> , 2019 , 3, S707-S708	0.1	78
59	THE IMPACT OF MEANINGFUL VOLUNTEER ENGAGEMENT IN AGING ADULTS: THE BALTIMORE EXPERIENCE CORPS TRIAL. <i>Innovation in Aging</i> , 2019 , 3, S795-S796	0.1	78

58	PHYSICAL FRAILITY AND ITS ASSOCIATION WITH COGNITION: THE PREDICTIVE VALUE OF A SYNDROME BEYOND ITS COMPONENT PARTS. <i>Innovation in Aging</i> , 2019 , 3, S100-S101	0.1	78
57	INTEGRATING FRAILITY AND COGNITIVE PHENOTYPES: THEORY, MEASUREMENT, APPLICATIONS. <i>Innovation in Aging</i> , 2019 , 3, S396-S396	0.1	78
56	Impact of the Baltimore Experience Corps Trial on cortical and hippocampal volumes. <i>Alzheimer's and Dementia</i> , 2015 , 11, 1340-8	1.2	70
55	Incidence, Risk Factors, and Sequelae of Post-kidney Transplant Delirium. <i>Journal of the American Society of Nephrology: JASN</i> , 2018 , 29, 1752-1759	12.7	61
54	Effect of Community Volunteering on Physical Activity: A Randomized Controlled Trial. <i>American Journal of Preventive Medicine</i> , 2016 , 50, 106-110	6.1	46
53	Multisystem physiologic impairments and changes in gait speed of older adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015 , 70, 319-24	6.4	39
52	Diabetes and Cognitive Decline in Older Adults: The Ginkgo Evaluation of Memory Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 73, 123-130	6.4	38
51	Hippocampal sub-regional shape and physical activity in older adults. <i>Hippocampus</i> , 2016 , 26, 1051-60	3.5	33
50	Increases in lifestyle activities as a result of experience Corps participation. <i>Journal of Urban Health</i> , 2015 , 92, 55-66	5.8	30
49	Intradialytic Cognitive and Exercise Training May Preserve Cognitive Function. <i>Kidney International Reports</i> , 2018 , 3, 81-88	4.1	25
48	Higher baseline serum uric acid is associated with poorer cognition but not rates of cognitive decline in women. <i>Experimental Gerontology</i> , 2014 , 60, 136-9	4.5	24
47	Motoric cognitive risk syndrome: Integration of two early harbingers of dementia in older adults. <i>Ageing Research Reviews</i> , 2020 , 58, 101022	12	24
46	Experience Corps Baltimore: Exploring the Stressors and Rewards of High-intensity Civic Engagement. <i>Gerontologist, The</i> , 2015 , 55, 1038-49	5	23
45	Aging, the Central Nervous System, and Mobility in Older Adults: Interventions. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016 , 71, 1451-1458	6.4	23
44	Relationship Between Antihypertensive Medications and Cognitive Impairment: Part I. Review of Human Studies and Clinical Trials. <i>Current Hypertension Reports</i> , 2016 , 18, 67	4.7	23
43	Hierarchical Development of Frailty and Cognitive Impairment: Clues Into Etiological Pathways. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 1761-1770	6.4	22
42	Variety of Enriching Early-Life Activities Linked to Late-Life Cognitive Functioning in Urban Community-Dwelling African Americans. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2019 , 74, 1345-1356	4.6	16
41	Positive Aging Expectations Are Associated With Physical Activity Among Urban-Dwelling Older Adults. <i>Gerontologist, The</i> , 2017 , 57, S178-S186	5	16

40	Kidney Transplant Outcomes in Recipients With Cognitive Impairment: A National Registry and Prospective Cohort Study. <i>Transplantation</i> , 2019 , 103, 1504-1513	1.8	15
39	Education is associated with sub-regions of the hippocampus and the amygdala vulnerable to neuropathologies of Alzheimer's disease. <i>Brain Structure and Function</i> , 2017 , 222, 1469-1479	4	14
38	Cardiovascular risk factors and risk of incident depression throughout adulthood among men: The Johns Hopkins Precursors Study. <i>Journal of Affective Disorders</i> , 2017 , 214, 60-66	6.6	13
37	Engagement in Enriching Early-Life Activities Is Associated With Larger Hippocampal and Amygdala Volumes in Community-Dwelling Older Adults. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2020 , 75, 1637-1647	4.6	13
36	Relationship Between Antihypertensive Medications and Cognitive Impairment: Part II. Review of Physiology and Animal Studies. <i>Current Hypertension Reports</i> , 2016 , 18, 66	4.7	12
35	Integrating Frailty and Cognitive Phenotypes: Why, How, Now What?. <i>Current Geriatrics Reports</i> , 2019 , 8, 97-106	1.3	10
34	Physical Activity Is Associated With Reduced Risk of Executive Function Impairment in Older Women. <i>Journal of Aging and Health</i> , 2016 , 28, 726-39	2.6	10
33	Lifestyle Activities in Sociodemographically at-risk Urban, Older Adults Prior to Participation in the Baltimore Experience Corps(□) Trial. <i>Activities, Adaptation and Aging</i> , 2012 , 36, 242-260	0.7	10
32	Blood amyloid levels and risk of dementia in the Ginkgo Evaluation of Memory Study (GEMS): A longitudinal analysis. <i>Alzheimer's and Dementia</i> , 2019 , 15, 1029-1038	1.2	9
31	Integrating Frailty and Cognitive Phenotypes: Why, How, Now What?. <i>Current Geriatrics Reports</i> , 2019 , 8, 97-106	1.3	9
30	Late-Life Depressive Symptoms as Partial Mediators in the Associations between Subclinical Cardiovascular Disease with Onset of Mild Cognitive Impairment and Dementia. <i>American Journal of Geriatric Psychiatry</i> , 2018 , 26, 559-568	6.5	9
29	Using Cognitive Intraindividual Variability to Measure Intervention Effectiveness: Results from the Baltimore Experience Corps Trial. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2021 , 76, 661-670	4.6	8
28	U.S. National Profile of Older Adults with Cognitive Impairment Alone, Physical Frailty Alone, and Both. <i>Journal of the American Geriatrics Society</i> , 2020 , 68, 2822-2830	5.6	8
27	Predicting resistance to amyloid-beta deposition and cognitive resilience in the oldest-old. <i>Neurology</i> , 2020 , 95, e984-e994	6.5	7
26	Exergames and Depressive Symptoms in Older Adults: A Systematic Review. <i>Games for Health Journal</i> , 2020 , 9, 339-345	4.2	6
25	Angiotensin II Blood Levels Are Associated with Smaller Hippocampal and Cortical Volumes in Cognitively Normal Older Adults. <i>Journal of Alzheimer's Disease</i> , 2020 , 75, 521-529	4.3	6
24	Associations of Angiotensin Converting Enzyme-1 and Angiotensin II Blood Levels and Cognitive Function. <i>Journal of Alzheimer's Disease</i> , 2018 , 63, 655-664	4.3	6
23	The Association Between Lifestyle Activities and Late-Life Depressive Symptoms. <i>Activities, Adaptation and Aging</i> , 2014 , 38, 1-10	0.7	6

22	Introduction: a life course perspective on activity and neurocognitive health. <i>Journal of the International Neuropsychological Society</i> , 2011 , 17, 970-4	3.1	6
21	Cognitive Function, Access to Kidney Transplantation, and Waitlist Mortality Among Kidney Transplant Candidates With or Without Diabetes. <i>American Journal of Kidney Diseases</i> , 2020 , 76, 72-81	7.4	6
20	Depressive symptoms and inductive reasoning performance: findings from the ACTIVE reasoning training intervention. <i>Psychology and Aging</i> , 2014 , 29, 843-51	3.6	5
19	A systematic review of the impacts of intergenerational engagement on older adults' cognitive, social, and health outcomes. <i>Ageing Research Reviews</i> , 2021 , 71, 101400	12	5
18	Derivation of a measure of physiological multisystem dysregulation: Results from WHAS and health ABC. <i>Mechanisms of Ageing and Development</i> , 2020 , 188, 111258	5.6	4
17	Attendance and Retention of Older Adults in School-Based Volunteer Activities: The Role of School Climate. <i>Journal of Intergenerational Relationships</i> , 2016 , 14, 27-42	1.2	4
16	Interventions in Parkinson's disease: Role of executive function. <i>Frontiers in Bioscience - Landmark</i> , 2017 , 22, 416-427	2.8	3
15	Quantitative comparisons of three automated methods for estimating intracranial volume: A study of 270 longitudinal magnetic resonance images. <i>Psychiatry Research - Neuroimaging</i> , 2018 , 274, 23-30	2.9	2
14	Physical Frailty Phenotype Criteria and Their Synergistic Association on Cognitive Functioning. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 , 76, 1633-1642	6.4	2
13	Hearing impairment and missing cognitive test scores in a population-based study of older adults: The Atherosclerosis Risk in Communities neurocognitive study. <i>Alzheimer's and Dementia</i> , 2021 , 17, 1725-1734 ^{1,2}	1.2	2
12	Frailty-a risk factor of global and domain-specific cognitive decline among a nationally representative sample of community-dwelling older adult U.S. Medicare beneficiaries. <i>Age and Ageing</i> , 2021 , 50, 1569-1577	3	2
11	The association of a novel cognitive frailty index and physical functioning in older at-risk adults. <i>Aging and Mental Health</i> , 2020 , 24, 129-136	3.5	2
10	Productive Social Engagement as a Vehicle to Promote Activity and Neuro-Cognitive Health in Later Adulthood. <i>Archives of Clinical Neuropsychology</i> , 2021 , 36, 1274-1278	2.7	2
9	Cognitive impairment burden in older and younger adults across the kidney transplant care continuum. <i>Clinical Transplantation</i> , 2021 , 35, e14425	3.8	1
8	Traits and treadmills: Association between personality and perceived fatigability in well-functioning community-dwelling older adults. <i>Psychology and Aging</i> , 2021 , 36, 710-717	3.6	1
7	Enriching early-life activities and cognition in later life: Results from the Health and Retirement Study (HRS). <i>Alzheimer's and Dementia</i> , 2020 , 16, e041194	1.2	
6	Environmental toxicity exposure and ability to perform instrumental activities of daily living in several U.S. geographic locations. <i>Alzheimer's and Dementia</i> , 2020 , 16, e042258	1.2	
5	What am I measuring? Disentangling cognitive status from sensory impairment. <i>Alzheimer's and Dementia</i> , 2020 , 16, e043658	1.2	

- 4 Examining the causal mediating role of cardiovascular disease on the relationship between subclinical cardiovascular disease and cognitive impairment: The Cardiovascular Health Cognition Study. *Alzheimer's and Dementia*, **2020**, 16, e045252 1.2
- 3 [P3B54]: PERSISTENT DEPRESSIVE SYMPTOMS AS PARTIAL MEDIATORS IN THE ASSOCIATIONS BETWEEN SUBCLINICAL CARDIOVASCULAR DISEASE WITH ONSET OF MILD COGNITIVE IMPAIRMENT AND DEMENTIA **2017**, 13, P1190-P1191
- 2 Considering how combinatorial interventions may promote neurocognitive plasticity. *Journal of the International Neuropsychological Society*, **2009**, 15, 307-10 3.1
- 1 P4-364: Depressive Symptoms as Potential Mediators of the Associations of Vascular Burden and Subclinical Cardiovascular Disease with Cognitive Decline: Cardiovascular Health Study **2016**, 12, P1176-P1177