

George M Savva

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

9,119
citations

43973

48
h-index

42291

92
g-index

110
all docs

110
docs citations

110
times ranked

12904
citing authors

#	ARTICLE	IF	CITATIONS
1	Age, Neuropathology, and Dementia. <i>New England Journal of Medicine</i> , 2009, 360, 2302-2309.	13.9	767
2	Frailty and cognitive impairment—A review of the evidence and causal mechanisms. <i>Ageing Research Reviews</i> , 2013, 12, 840-851.	5.0	537
3	Anticholinergic Medication Use and Cognitive Impairment in the Older Population: The Medical Research Council Cognitive Function and Ageing Study. <i>Journal of the American Geriatrics Society</i> , 2011, 59, 1477-1483.	1.3	515
4	Anticholinergic drugs and risk of dementia: case-control study. <i>BMJ: British Medical Journal</i> , 2018, 361, k1315.	2.4	314
5	Inflammation and frailty measures in older people. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 3103-3109.	1.6	313
6	Prevalence, correlates and course of behavioural and psychological symptoms of dementia in the population. <i>British Journal of Psychiatry</i> , 2009, 194, 212-219.	1.7	313
7	Astrocyte phenotype in relation to Alzheimer-type pathology in the ageing brain. <i>Neurobiology of Aging</i> , 2010, 31, 578-590.	1.5	312
8	Cohort Profile: The Irish Longitudinal Study on Ageing. <i>International Journal of Epidemiology</i> , 2011, 40, 877-884.	0.9	301
9	Epidemiological Studies of the Effect of Stroke on Incident Dementia. <i>Stroke</i> , 2010, 41, e41-6.	1.0	239
10	Design and Methodology of The Irish Longitudinal Study on Ageing. <i>Journal of the American Geriatrics Society</i> , 2013, 61, S265-8.	1.3	233
11	The presence of sodium dodecyl sulphate-stable A β 2 dimers is strongly associated with Alzheimer-type dementia. <i>Brain</i> , 2010, 133, 1328-1341.	3.7	229
12	Using Timed Up-and-Go to Identify Frail Members of the Older Population. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013, 68, 441-446.	1.7	229
13	Age-Related Normative Changes in Phasic Orthostatic Blood Pressure in a Large Population Study. <i>Circulation</i> , 2014, 130, 1780-1789.	1.6	178
14	Hippocampal tau pathology is related to neuroanatomical connections: an ageing population-based study. <i>Brain</i> , 2009, 132, 1324-1334.	3.7	174
15	Cytomegalovirus infection is associated with increased mortality in the older population. <i>Ageing Cell</i> , 2013, 12, 381-387.	3.0	174
16	Normative Values of Cognitive and Physical Function in Older Adults: Findings from The Irish Longitudinal Study on Ageing. <i>Journal of the American Geriatrics Society</i> , 2013, 61, S279-90.	1.3	156
17	Neuropathological correlates of late-life depression in older people. <i>British Journal of Psychiatry</i> , 2011, 198, 109-114.	1.7	155
18	Cognitive Function in the Prefrailty and Frailty Syndrome. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 2118-2124.	1.3	132

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19	Association Between Timed Up and Go and Memory, Executive Function, and Processing Speed. <i>Journal of the American Geriatrics Society</i> , 2012, 60, 1681-1686.	1.3	123
20	Low macular pigment optical density is associated with lower cognitive performance in a large, population-based sample of older adults. <i>Neurobiology of Aging</i> , 2013, 34, 2449-2456.	1.5	118
21	Using Timed Up and Go and Usual Gait Speed to Predict Incident Disability in Daily Activities Among Community-Dwelling Adults Aged 65 and Older. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014, 95, 1954-1961.	0.5	113
22	Effects of fear of falling and activity restriction on normal and dual task walking in community dwelling older adults. <i>Gait and Posture</i> , 2013, 38, 120-124.	0.6	112
23	Impaired Orthostatic Blood Pressure Recovery Is Associated with Unexplained and Injurious Falls. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 474-482.	1.3	110
24	The maternal age-specific live birth prevalence of trisomies 13 and 18 compared to trisomy 21 (Down) Tj ETQq0 0 0 rgBT /Overlock 10	1.1	109
25	Fecal microbiota transfer between young and aged mice reverses hallmarks of the aging gut, eye, and brain. <i>Microbiome</i> , 2022, 10, 68.	4.9	107
26	Epidemiological Neuropathology: The MRC Cognitive Function and Aging Study Experience. <i>Journal of Alzheimer's Disease</i> , 2011, 25, 359-372.	1.2	106
27	The risk of fetal loss following a prenatal diagnosis of trisomy 13 or trisomy 18. <i>American Journal of Medical Genetics, Part A</i> , 2008, 146A, 827-832.	0.7	103
28	Hospital use, institutionalisation and mortality associated with delirium. <i>Age and Ageing</i> , 2010, 39, 470-475.	0.7	96
29	Prospective Study of Falls and Risk Factors for Falls in Adults With Advanced Cancer. <i>Journal of Clinical Oncology</i> , 2012, 30, 2128-2133.	0.8	95
30	Population variation in oxidative stress and astrocyte DNA damage in relation to Alzheimer-type pathology in the ageing brain. <i>Neuropathology and Applied Neurobiology</i> , 2010, 36, 25-40.	1.8	93
31	Who has undiagnosed dementia? A cross-sectional analysis of participants of the Aging, Demographics and Memory Study. <i>Age and Ageing</i> , 2015, 44, 642-647.	0.7	92
32	Alterations in the blood brain barrier in ageing cerebral cortex in relationship to Alzheimer-type pathology: A study in the MRC-CFAS population neuropathology cohort. <i>Neuroscience Letters</i> , 2011, 505, 25-30.	1.0	90
33	Cognitive function is associated with impaired heart rate variability in ageing adults: the Irish longitudinal study on ageing wave one results. <i>Clinical Autonomic Research</i> , 2013, 23, 313-323.	1.4	85
34	Madagascar's grasses and grasslands: anthropogenic or natural?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152262.	1.2	83
35	The effect of multiple chronic conditions on self-rated health, disability and quality of life among the older populations of Northern Ireland and the Republic of Ireland: a comparison of two nationally representative cross-sectional surveys. <i>BMJ Open</i> , 2013, 3, e002571.	0.8	82
36	Maternal age-specific fetal loss rates in Down syndrome pregnancies. <i>Prenatal Diagnosis</i> , 2006, 26, 499-504.	1.1	79

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37	How do potentially inappropriate medications and polypharmacy affect mortality in frail and non-frail cognitively impaired older adults? A cohort study. <i>BMJ Open</i> , 2019, 9, e026171.	0.8	76
38	Measurement Error, Reliability, and Minimum Detectable Change in the Mini-Mental State Examination, Montreal Cognitive Assessment, and Color Trails Test among Community Living Middle-Aged and Older Adults. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 1107-1114.	1.2	74
39	Sustained Attention and Frailty in the Older Adult Population. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2014, 69, 147-156.	2.4	72
40	Quality of Life in Older Age: Evidence from an Irish Cohort Study. <i>Journal of the American Geriatrics Society</i> , 2013, 61, S299-305.	1.3	70
41	Alterations of the blood-brain barrier in cerebral white matter lesions in the ageing brain. <i>Neuroscience Letters</i> , 2010, 486, 246-251.	1.0	68
42	Stage-Specific Changes in Neurogenic and Glial Markers in Alzheimer's Disease. <i>Biological Psychiatry</i> , 2015, 77, 711-719.	0.7	67
43	Transcriptional changes in prostate of men on active surveillance after a 12-mo glucoraphanin-rich broccoli intervention—results from the Effect of Sulforaphane on prostate CANcer PrEvention (ESCAPE) randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1133-1144.	2.2	66
44	Negative Perceptions of Aging and Decline in Walking Speed: A Self-Fulfilling Prophecy. <i>PLoS ONE</i> , 2015, 10, e0123260.	1.1	61
45	Orthostatic Hypotension Is Associated With Lower Cognitive Performance in Adults Aged 50 Plus With Supine Hypertension. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 878-885.	1.7	59
46	Loss of microbial diversity and pathogen domination of the gut microbiota in critically ill patients. <i>Microbial Genomics</i> , 2019, 5, .	1.0	59
47	Cognitive Performance in Orthostatic Hypotension: Findings from a Nationally Representative Sample. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 117-122.	1.3	56
48	Anticholinergic drugs and incident dementia, mild cognitive impairment and cognitive decline: a meta-analysis. <i>Age and Ageing</i> , 2020, 49, 939-947.	0.7	55
49	Population Variation in Glial Fibrillary Acidic Protein Levels in Brain Ageing: Relationship to Alzheimer-Type Pathology and Dementia. <i>Dementia and Geriatric Cognitive Disorders</i> , 2009, 27, 465-473.	0.7	50
50	Relative Association of Processing Speed, Short-Term Memory and Sustained Attention With Task on Gait Speed: A Study of Community-Dwelling People 50 Years and Older. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 1407-1414.	1.7	49
51	Orthostatic hypotension, orthostatic intolerance and frailty: The Irish Longitudinal Study on Aging-TILDA. <i>Archives of Gerontology and Geriatrics</i> , 2015, 60, 507-513.	1.4	47
52	Systematic reviews on behavioural and psychological symptoms in the older or demented population. <i>Alzheimer's Research and Therapy</i> , 2012, 4, 28.	3.0	44
53	Cognitive Decline and Dementia Risk in Older Adults With Psychotic Symptoms: A Prospective Cohort Study. <i>American Journal of Geriatric Psychiatry</i> , 2013, 21, 119-128.	0.6	42
54	Behavioural and psychological symptoms in the older population without dementia - relationship with socio-demographics, health and cognition. <i>BMC Geriatrics</i> , 2010, 10, 87.	1.1	41

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55	Mesial Temporal Astrocyte Tau Pathology in the MRC-CFAS Ageing Brain Cohort. <i>Dementia and Geriatric Cognitive Disorders</i> , 2012, 34, 15-24.	0.7	41
56	Depression, anxiety and cardiovascular disease: Which symptoms are associated with increased risk in community dwelling older adults?. <i>Journal of Affective Disorders</i> , 2012, 142, 132-138.	2.0	40
57	Is frailty a stable predictor of mortality across time? Evidence from the Cognitive Function and Ageing Studies. <i>Age and Ageing</i> , 2018, 47, 721-727.	0.7	39
58	Anticholinergic and benzodiazepine medication use and risk of incident dementia: a UK cohort study. <i>BMC Geriatrics</i> , 2019, 19, 276.	1.1	39
59	Relationship between fear of falling and mobility varies with visual function among older adults. <i>Geriatrics and Gerontology International</i> , 2014, 14, 827-836.	0.7	38
60	Occurrence of medical co-morbidity in mild cognitive impairment: implications for generalisation of MCI research. <i>Age and Ageing</i> , 2011, 40, 501-507.	0.7	37
61	Age and sex differences in prevalence and clinical correlates of depression: first results from the Irish Longitudinal Study on Ageing. <i>International Journal of Geriatric Psychiatry</i> , 2013, 28, 1280-1287.	1.3	37
62	What predicts persistent depression in older adults across Europe? Utility of clinical and neuropsychological predictors from the SHARE study. <i>Journal of Affective Disorders</i> , 2013, 147, 192-197.	2.0	37
63	Increasing prevalence of anticholinergic medication use in older people in England over 20 years: cognitive function and ageing study I and II. <i>BMC Geriatrics</i> , 2020, 20, 267.	1.1	37
64	Optimizing Mild Cognitive Impairment for Discriminating Dementia Risk in the General Older Population. <i>American Journal of Geriatric Psychiatry</i> , 2010, 18, 662-673.	0.6	36
65	Association between APOE genotype, neuropathology and dementia in the older population of England and Wales. <i>Neuropathology and Applied Neurobiology</i> , 2011, 37, 285-294.	1.8	34
66	TraDIS-Xpress: a high-resolution whole-genome assay identifies novel mechanisms of triclosan action and resistance. <i>Genome Research</i> , 2020, 30, 239-249.	2.4	32
67	Reliability, measurement error and minimum detectable change in mobility measures: a cohort study of community-dwelling adults aged 50 years and over in Ireland. <i>BMJ Open</i> , 2019, 9, e030475.	0.8	29
68	History of Benzodiazepine Prescriptions and Risk of Dementia: Possible Bias Due to Prevalent Users and Covariate Measurement Timing in a Nested Case-Control Study. <i>American Journal of Epidemiology</i> , 2019, 188, 1228-1236.	1.6	28
69	Impairments in Hemodynamic Responses to Orthostasis Associated with Frailty: Results from The Irish Longitudinal Study on Ageing (TILDA). <i>Journal of the American Geriatrics Society</i> , 2018, 66, 1475-1483.	1.3	26
70	Undiagnosed dementia in primary care: a record linkage study. <i>Health Services and Delivery Research</i> , 2020, 8, 1-108.	1.4	26
71	Cognitive and Physical Health of the Older Populations of England, the United States, and Ireland: International Comparability of The Irish Longitudinal Study on Ageing. <i>Journal of the American Geriatrics Society</i> , 2013, 61, S291-8.	1.3	25
72	Multiple holins contribute to extracellular DNA release in <i>Pseudomonas aeruginosa</i> biofilms. <i>Microbiology (United Kingdom)</i> , 2021, 167, .	0.7	21

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73	Education Is Positively Associated with Macular Pigment: The Irish Longitudinal Study on Ageing (TILDA)., 2012, 53, 7855.		20
74	What determines the self-rated health of older individuals with stroke compared to other older individuals? A cross-sectional analysis of the Medical Research Council Cognitive Function and Ageing Study. BMC Geriatrics, 2013, 13, 85.	1.1	19
75	Reliability of orthostatic beat-to-beat blood pressure tests: implications for population and clinical studies. Clinical Autonomic Research, 2017, 27, 31-39.	1.4	17
76	AlbaTraDIS: Comparative analysis of large datasets from parallel transposon mutagenesis experiments. PLoS Computational Biology, 2020, 16, e1007980.	1.5	17
77	Neuropathological Profile of Mild Cognitive Impairment From a Population Perspective. Alzheimer Disease and Associated Disorders, 2012, 26, 205-212.	0.6	16
78	Oscillometric measure of blood pressure detects association between orthostatic hypotension and depression in population based study of older adults. BMC Psychiatry, 2013, 13, 266.	1.1	16
79	Adverse effects of Z-drugs for sleep disturbance in people living with dementia: a population-based cohort study. BMC Medicine, 2020, 18, 351.	2.3	15
80	Cognitive decline associated with anticholinergics, benzodiazepines and Z-drugs: Findings from The Irish Longitudinal Study on Ageing (TILDA). British Journal of Clinical Pharmacology, 2021, 87, 2818-2829.	1.1	15
81	Factor structure for the frailty syndrome was consistent across Europe. Journal of Clinical Epidemiology, 2014, 67, 1008-1015.	2.4	14
82	The effects of hypoglycaemia and dementia on cardiovascular events, falls and fractures and all-cause mortality in older individuals: A retrospective cohort study. Diabetes, Obesity and Metabolism, 2019, 21, 2076-2085.	2.2	14
83	Factors affecting continuous beat-to-beat orthostatic blood pressure response in community-dwelling older adults. Blood Pressure Monitoring, 2012, 17, 160-163.	0.4	13
84	Relationship of Self-Rated Health to Stroke Incidence and Mortality in Older Individuals with and without a History of Stroke: A Longitudinal Study of the MRC Cognitive Function and Ageing (CFAS) Population. PLoS ONE, 2016, 11, e0150178.	1.1	12
85	Functional and emotional outcomes after transient ischemic attack: A 12-month prospective controlled cohort study. International Journal of Stroke, 2019, 14, 522-529.	2.9	12
86	<i>HFE</i> H63D, C282Y and <i>AGTR1</i> A1166C Polymorphisms and Brain White Matter Lesions in the Aging Brain. Journal of Neurogenetics, 2011, 25, 7-14.	0.6	10
87	The presence of behavioural and psychological symptoms and progression to dementia in the cognitively impaired older population. International Journal of Geriatric Psychiatry, 2013, 28, 700-709.	1.3	9
88	Transient neurological symptoms in the older population: report of a prospective cohort study in the Medical Research Council Cognitive Function and Ageing Study (CFAS). BMJ Open, 2013, 3, e003195.	0.8	9
89	Potential Value of Impaired Cognition in Stroke Prediction: A U.K. Population-Based Study. Journal of the American Geriatrics Society, 2017, 65, 1756-1762.	1.3	7
90	Non-benzodiazepine hypnotic use for sleep disturbance in people aged over 55 years living with dementia: a series of cohort studies. Health Technology Assessment, 2021, 25, 1-202.	1.3	7

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91	From Molecule to Clinic and Community for Neurodegeneration: Research to Bridge Translational Gaps. <i>Journal of Alzheimer's Disease</i> , 2012, 33, S385-S396.	1.2	5
92	Variance between walking speed and neuropsychological test scores during three gait tasks across the irish longitudinal study on aging (TILDA) dataset. , 2013, 2013, 6921-4.		5
93	Quality Of Life And Beliefs About Ageing. , 2011, , 265-292.		5
94	MPP: a microarray-to-phylogeny pipeline for analysis of gene and marker content datasets. <i>Bioinformatics</i> , 2007, 23, 1023-1025.	1.8	4
95	Drawing phylogenetic trees in LATEX and Microsoft Word. <i>Bioinformatics</i> , 2004, 20, 2322-2323.	1.8	3
96	Heterochronic Fecal Microbiota Transfer Reverses Hallmarks of the Aging Murine Gut, Eye and Brain. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
97	Cognitive Decline and Dementia Risk in Older Adults With Psychotic Symptoms. <i>American Journal of Geriatric Psychiatry</i> , 2012, , 1.	0.6	2
98	Neuropathological Correlates of Cumulative Benzodiazepine and Anticholinergic Drug Use. <i>Journal of Alzheimer's Disease</i> , 2020, 74, 999-1009.	1.2	2
99	Trail Making Test performance contributes to subjective judgment of visual efficiency in older adults. <i>PeerJ</i> , 2015, 3, e1407.	0.9	1
100	Factors Affecting Reliability of Grip Strength Measurements in Middle Aged and Older Adults. <i>HRB Open Research</i> , 0, 3, 32.	0.3	1
101	Response to Kara and Colleagues. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 1281-1282.	1.3	0
102	Dementia: Introduction, Epidemiology and Economic Impact. , 2016, , 197-209.		0