Séverine Sabia

List of Publications by Year
in descending order

143 papers	10,810 citations	28274 55 h-index	34986 98 g-index
149 all docs	149 docs citations	149 times ranked	15621 citing authors

#	Article	IF	Citations
1	Association of Socioeconomic Position With Health Behaviors and Mortality. JAMA - Journal of the American Medical Association, 2010, 303, 1159.	7.4	783
2	A Novel, Open Access Method to Assess Sleep Duration Using a Wrist-Worn Accelerometer. PLoS ONE, 2015, 10, e0142533.	2.5	432
3	GGIR: A Research Community–Driven Open Source R Package for Generating Physical Activity and Sleep Outcomes From Multi-Day Raw Accelerometer Data. Journal for the Measurement of Physical Behaviour, 2019, 2, 188-196.	0.8	391
4	Trajectories of Depressive Symptoms Before Diagnosis of Dementia. JAMA Psychiatry, 2017, 74, 712.	11.0	361
5	Measures of frailty in population-based studies: an overview. BMC Geriatrics, 2013, 13, 64.	2.7	352
6	Estimating sleep parameters using an accelerometer without sleep diary. Scientific Reports, 2018, 8, 12975.	3.3	269
7	Health Behaviours, Socioeconomic Status, and Mortality: Further Analyses of the British Whitehall II and the French GAZEL Prospective Cohorts. PLoS Medicine, 2011, 8, e1000419.	8.4	255
8	Association of sleep duration in middle and old age with incidence of dementia. Nature Communications, 2021, 12, 2289.	12.8	254
9	Physical activity, cognitive decline, and risk of dementia: 28 year follow-up of Whitehall II cohort study. BMJ: British Medical Journal, 2017, 357, j2709.	2.3	248
10	Obesity trajectories and risk of dementia: 28 years of follow‐up in the Whitehall II Study. Alzheimer's and Dementia, 2018, 14, 178-186.	0.8	240
11	Body mass index over the adult life course and cognition in late midlife: the Whitehall II Cohort Study. American Journal of Clinical Nutrition, 2009, 89, 601-607.	4.7	238
12	Association Between Questionnaire- and Accelerometer-Assessed Physical Activity: The Role of Sociodemographic Factors. American Journal of Epidemiology, 2014, 179, 781-790.	3.4	225
13	Physical Activity and Inflammatory Markers Over 10 Years. Circulation, 2012, 126, 928-933.	1.6	213
14	Job Strain as a Risk Factor for Leisure-Time Physical Inactivity: An Individual-Participant Meta-Analysis of Up to 170,000 Men and Women: The IPD-Work Consortium. American Journal of Epidemiology, 2012, 176, 1078-1089.	3.4	198
15	Genetic studies of accelerometer-based sleep measures yield new insights into human sleep behaviour. Nature Communications, 2019, 10, 1585.	12.8	189
16	Impact of Smoking on Cognitive Decline in Early Old Age. Archives of General Psychiatry, 2012, 69, 627-35.	12.3	176
17	Predicting cognitive decline. Neurology, 2013, 80, 1300-1306.	1.1	169
18	Physical inactivity, cardiometabolic disease, and risk of dementia: an individual-participant meta-analysis. BMJ: British Medical Journal, 2019, 365, l1495.	2.3	168

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19	Association between systolic blood pressure and dementia in the Whitehall II cohort study: role of age, duration, and threshold used to define hypertension. European Heart Journal, 2018, 39, 3119-3125.	2.2	165
20	The Natural Course of Healthy Obesity Over 20 Years. Journal of the American College of Cardiology, 2015, 65, 101-102.	2.8	150
21	Alcohol consumption and risk of dementia: 23 year follow-up of Whitehall II cohort study. BMJ: British Medical Journal, 2018, 362, k2927.	2.3	150
22	Atrial fibrillation as a risk factor for cognitive decline and dementia. European Heart Journal, 2017, 38, 2612-2618.	2.2	147
23	Social inequalities in multimorbidity, frailty, disability, and transitions to mortality: a 24-year follow-up of the Whitehall II cohort study. Lancet Public Health, The, 2020, 5, e42-e50.	10.0	147
24	Association of Healthy Lifestyle With Years Lived Without Major Chronic Diseases. JAMA Internal Medicine, 2020, 180, 760.	5.1	140
25	Influence of individual and combined healthy behaviours on successful aging. Cmaj, 2012, 184, 1985-1992.	2.0	136
26	Association Between Age at Diabetes Onset and Subsequent Risk of Dementia. JAMA - Journal of the American Medical Association, 2021, 325, 1640.	7.4	135
27	Health Behaviors From Early to Late Midlife as Predictors of Cognitive Function: The Whitehall II Study. American Journal of Epidemiology, 2009, 170, 428-437.	3.4	134
28	Alcohol consumption and cognitive decline in early old age. Neurology, 2014, 82, 332-339.	1.1	125
29	Does cognitive reserve shape cognitive decline?. Annals of Neurology, 2011, 70, 296-304.	5.3	121
30	Contribution of modifiable risk factors to social inequalities in type 2 diabetes: prospective Whitehall II cohort study. BMJ, The, 2012, 345, e5452-e5452.	6.0	121
31	Adherence to healthy dietary guidelines and future depressive symptoms: evidence for sex differentials in the Whitehall II study. American Journal of Clinical Nutrition, 2013, 97, 419-427.	4.7	117
32	Association of ideal cardiovascular health at age 50 with incidence of dementia: 25 year follow-up of Whitehall II cohort study. BMJ: British Medical Journal, 2019, 366, l4414.	2.3	117
33	Unhealthy behaviours and disability in older adults: Three-City Dijon cohort study. BMJ, The, 2013, 347, f4240-f4240.	6.0	111
34	Accelerometer assessed moderate-to-vigorous physical activity and successful ageing: results from the Whitehall II study. Scientific Reports, 2017, 7, 45772.	3.3	110
35	Stability of metabolically healthy obesity over 8 years: the English Longitudinal Study of Ageing. European Journal of Endocrinology, 2015, 173, 703-708.	3.7	107
36	Clinical, socioeconomic, and behavioural factors at age 50 years and risk of cardiometabolic multimorbidity and mortality: A cohort study. PLoS Medicine, 2018, 15, e1002571.	8.4	107

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37	Smoking History and Cognitive Function in Middle Age From the Whitehall II Study. Archives of Internal Medicine, 2008, 168, 1165.	3.8	105
38	Association of social contact with dementia and cognition: 28-year follow-up of the Whitehall II cohort study. PLoS Medicine, 2019, 16, e1002862.	8.4	105
39	Common mental disorder and obesity: insight from four repeat measures over 19 years: prospective Whitehall II cohort study. BMJ: British Medical Journal, 2009, 339, b3765-b3765.	2.3	100
40	Obesity phenotypes in midlife and cognition in early old age. Neurology, 2012, 79, 755-762.	1.1	94
41	Effect of Intensity and Type of Physical Activity on Mortality: Results From the Whitehall II Cohort Study. American Journal of Public Health, 2012, 102, 698-704.	2.7	93
42	History of coronary heart disease and cognitive performance in midlife: the Whitehall II study. European Heart Journal, 2008, 29, 2100-2107.	2.2	81
43	Green and blue spaces and physical functioning in older adults: Longitudinal analyses of the Whitehall II study. Environment International, 2019, 122, 346-356.	10.0	81
44	Proteins, Dietary Acid Load, and Calcium and Risk of Postmenopausal Fractures in the E3N French Women Prospective Study. Journal of Bone and Mineral Research, 2008, 23, 1915-1922.	2.8	78
45	Risk factors for onset of menopausal symptoms. Maturitas, 2008, 60, 108-121.	2.4	69
46	Healthy obesity and objective physical activity. American Journal of Clinical Nutrition, 2015, 102, 268-275.	4.7	68
47	GRANADA consensus on analytical approaches to assess associations with accelerometer-determined physical behaviours (physical activity, sedentary behaviour and sleep) in epidemiological studies. British Journal of Sports Medicine, 2022, 56, 376-384.	6.7	67
48	Association of Midlife Diet With Subsequent Risk for Dementia. JAMA - Journal of the American Medical Association, 2019, 321, 957.	7.4	66
49	Folate, vitamin B12 and postmenopausal breast cancer in a prospective study of French women. Cancer Causes and Control, 2006, 17, 1209-1213.	1.8	65
50	Joint association between accelerometry-measured daily combination of time spent in physical activity, sedentary behaviour and sleep and all-cause mortality: a pooled analysis of six prospective cohorts using compositional analysis. British Journal of Sports Medicine, 2021, 55, 1277-1285.	6.7	63
51	Combined impact of smoking and heavy alcohol use on cognitive decline in early old age: Whitehall II prospective cohort study. British Journal of Psychiatry, 2013, 203, 120-125.	2.8	62
52	Association between common mental disorder and obesity over the adult life course. British Journal of Psychiatry, 2009, 195, 149-155.	2.8	61
53	Physical Activity, Sedentary Behavior, and Long‐Term Changes in Aortic Stiffness: The Whitehall II Study. Journal of the American Heart Association, 2017, 6, .	3.7	61
54	Does Overall Diet in Midlife Predict Future Aging Phenotypes? A Cohort Study. American Journal of Medicine, 2013, 126, 411-419.e3.	1.5	60

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55	The association of APOE Îµ4 with cognitive function over the adult life course and incidence of dementia: 20â€‰years follow-up of the Whitehall II study. Alzheimer's Research and Therapy, 2021, 13, 5.	6.2	60
56	Why Does Lung Function Predict Mortality? Results From the Whitehall II Cohort Study. American Journal of Epidemiology, 2010, 172, 1415-1423.	3.4	57
57	Contribution of cognitive performance and cognitive decline to associations between socioeconomic factors and dementia: A cohort study. PLoS Medicine, 2017, 14, e1002334.	8.4	56
58	Neuroticism and Cardiovascular Disease Mortality. Psychosomatic Medicine, 2012, 74, 596-603.	2.0	54
59	Cardiovascular disease risk scores in identifying future frailty: the Whitehall II prospective cohort study. Heart, 2013, 99, 737-742.	2.9	53
60	Association of walking speed in late midlife with mortality: results from the Whitehall II cohort study. Age, 2013, 35, 943-952.	3.0	52
61	Sleep classification from wrist-worn accelerometer data using random forests. Scientific Reports, 2021, 11, 24.	3.3	51
62	Midlife stroke risk and cognitive decline: A 10â€year followâ€up of the Whitehall II cohort study. Alzheimer's and Dementia, 2013, 9, 572-579.	0.8	49
63	Motor function in the elderly. Neurology, 2013, 81, 417-426.	1.1	48
64	Incidence of Metabolic Risk Factors Among Healthy Obese Adults. Journal of the American College of Cardiology, 2015, 66, 871-873.	2.8	46
65	Association of lung function with physical, mental and cognitive function in early old age. Age, 2011, 33, 385-392.	3.0	45
66	Combined effect of physical activity and leisure time sitting on long-term risk of incident obesity and metabolic risk factor clustering. Diabetologia, 2014, 57, 2048-2056.	6.3	45
67	Sex differences and the role of education in cognitive ageing: analysis of two UK-based prospective cohort studies. Lancet Public Health, The, 2021, 6, e106-e115.	10.0	45
68	Persistent Depressive Symptoms and Cognitive Function in Late Midlife. Journal of Clinical Psychiatry, 2010, 71, 1379-1385.	2.2	45
69	Does cognition predict mortality in midlife? Results from the Whitehall II cohort study. Neurobiology of Aging, 2010, 31, 688-695.	3.1	43
70	Prospective Association Among Diabetes Diagnosis, HbA1c, Glycemia, and Frailty Trajectories in an Elderly Population. Diabetes Care, 2019, 42, 1903-1911.	8.6	42
71	Low conscientiousness and risk of all-cause, cardiovascular and cancer mortality over 17years: Whitehall II cohort study. Journal of Psychosomatic Research, 2012, 73, 98-103.	2.6	41
72	Change in Fast Walking Speed Preceding Death: Results From a Prospective Longitudinal Cohort Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69A, 354-362.	3.6	41

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73	Trajectories of Unhealthy Behaviors in Midlife and Risk of Disability at Older Ages in the Whitehall II Cohort Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 1500-1506.	3.6	41
74	Physical Activity and Adiposity Markers at Older Ages: Accelerometer Vs Questionnaire Data. Journal of the American Medical Directors Association, 2015, 16, 438.e7-438.e13.	2.5	40
75	The Role of Conventional Risk Factors in Explaining Social Inequalities in Coronary Heart Disease. Epidemiology, 2008, 19, 599-605.	2.7	39
76	Age and the association between apolipoprotein E genotype and Alzheimer disease: A cerebrospinal fluid biomarker–based case–control study. PLoS Medicine, 2020, 17, e1003289.	8.4	39
77	Association between major surgical admissions and the cognitive trajectory: 19 year follow-up of Whitehall II cohort study. BMJ: British Medical Journal, 2019, 366, l4466.	2.3	38
78	Risk prediction models for dementia: role of age and cardiometabolic risk factors. BMC Medicine, 2020, 18, 107.	5.5	38
79	Decline in low-density lipoprotein cholesterol concentration: lipid-lowering drugs, diet, or physical activity? Evidence from the Whitehall II study. Heart, 2011, 97, 923-930.	2.9	37
80	Prevalence of educational inequalities in obesity between 1970 and 2003 in France. Obesity Reviews, 2009, 10, 511-518.	6.5	36
81	Healthy obesity and risk of accelerated functional decline and disability. International Journal of Obesity, 2017, 41, 866-872.	3.4	36
82	Leisure activity participation and risk of dementia. Neurology, 2020, 95, e2803-e2815.	1.1	34
83	Healthy behaviors at age 50 years and frailty at older ages in a 20-year follow-up of the UK Whitehall II cohort: A longitudinal study. PLoS Medicine, 2020, 17, e1003147.	8.4	34
84	Validating a widely used measure of frailty: are all sub-components necessary? Evidence from the Whitehall II cohort study. Age, 2013, 35, 1457-1465.	3.0	32
85	Cumulative Associations Between Midlife Health Behaviors and Physical Functioning in Early Old Age: A 17-Year Prospective Cohort Study. Journal of the American Geriatrics Society, 2014, 62, 1860-1868.	2.6	30
86	Segmenting accelerometer data from daily life with unsupervised machine learning. PLoS ONE, 2019, 14, e0208692.	2.5	29
87	Association between kidney function and incidence of dementia: 10-year follow-up of the Whitehall II cohort study. Age and Ageing, 2022, 51, .	1.6	29
88	Do socioeconomic factors shape weight and obesity trajectories over the transition from midlife to old age? Results from the French GAZEL cohort study. American Journal of Clinical Nutrition, 2010, 92, 16-23.	4.7	28
89	Rising adiposity curbing decline in the incidence of myocardial infarction: 20-year follow-up of British men and women in the Whitehall II cohort. European Heart Journal, 2012, 33, 478-485.	2.2	28
90	Association between age at onset of multimorbidity and incidence of dementia: 30 year follow-up in Whitehall II prospective cohort study. BMJ, The, 2022, 376, e068005.	6.0	28

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91	Cognition and incident coronary heart disease in late midlife: The Whitehall II study. Intelligence, 2009, 37, 529-534.	3.0	25
92	Association of body mass index and waist circumference with successful aging. Obesity, 2014, 22, 1172-1178.	3.0	24
93	High alcohol consumption in middle-aged adults is associated with poorer cognitive performance only in the low socio-economic group. Results from the GAZEL cohort study. Addiction, 2011, 106, 93-101.	3.3	23
94	Non-Consent to a Wrist-Worn Accelerometer in Older Adults: The Role of Socio-Demographic, Behavioural and Health Factors. PLoS ONE, 2014, 9, e110816.	2.5	21
95	Association of daily composition of physical activity and sedentary behaviour with incidence of cardiovascular disease in older adults. International Journal of Behavioral Nutrition and Physical Activity, 2021, 18, 83.	4.6	20
96	Effect of Apolipoprotein E epsilon4 on the association between health behaviors and cognitive function in late midlife. Molecular Neurodegeneration, 2010, 5, 23.	10.8	19
97	CSF level of β-amyloid peptide predicts mortality in Alzheimer's disease. Alzheimer's Research and Therapy, 2019, 11, 29.	6.2	19
98	Association of moderate and vigorous physical activity with incidence of type 2 diabetes and subsequent mortality: 27 year follow-up of the Whitehall II study. Diabetologia, 2020, 63, 537-548.	6.3	19
99	Association of aortic stiffness with cognitive decline: Whitehall II longitudinal cohort study. European Journal of Epidemiology, 2020, 35, 861-869.	5.7	19
100	Biomarker profiles of Alzheimer's disease and dynamic of the association between cerebrospinal fluid levels of β-amyloid peptide and tau. PLoS ONE, 2019, 14, e0217026.	2.5	18
101	Association of Alcohol-Induced Loss of Consciousness and Overall Alcohol Consumption With Risk for Dementia. JAMA Network Open, 2020, 3, e2016084.	5.9	18
102	Terminal decline in objective and self-reported measures of motor function before death: 10 year follow-up of Whitehall II cohort study. BMJ, The, 2021, 374, n1743.	6.0	17
103	Leisure time physical activity and subsequent physical and mental health functioning among midlife Finnish, British and Japanese employees: a follow-up study in three occupational cohorts. BMJ Open, 2016, 6, e009788.	1.9	15
104	Long-Term Evolution of Functional Limitations in Stroke Survivors Compared With Stroke-Free Controls: Findings From 15 Years of Follow-Up Across 3 International Surveys of Aging. Stroke, 2022, 53, 228-237.	2.0	13
105	Timeline of pain before dementia diagnosis: a 27-year follow-up study. Pain, 2021, 162, 1578-1585.	4.2	13
106	Fruit, vegetable intake and blood pressure trajectories in older age. Journal of Human Hypertension, 2019, 33, 671-678.	2.2	12
107	Hostility and Trajectories of Body Mass Index Over 19 Years: The Whitehall II Study. American Journal of Epidemiology, 2008, 169, 347-354.	3.4	11
108	Association of APOE ε4 with cerebral gray matter volumes in non-demented older adults: The MEMENTO cohort study. NeuroImage, 2022, 250, 118966.	4.2	11

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109	Combined Effects of Depressive Symptoms and Resting Heart Rate on Mortality. Journal of Clinical Psychiatry, 2011, 72, 1199-1206.	2.2	10
110	Life expectancy in dementia subtypes: exploring a leading cause of mortality. The Lancet Healthy Longevity, 2021, 2, e449-e450.	4.6	9
111	Objectively Measured Total Sedentary Time and Pattern of Sedentary Accumulation in Older Adults: Associations With Incident Cardiovascular Disease and All-Cause Mortality. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 842-850.	3.6	9
112	Sex differences in functional limitations and the role of socioeconomic factors: a multi-cohort analysis. The Lancet Healthy Longevity, 2021, 2, e780-e790.	4.6	8
113	A Pragmatic, Data-Driven Method to Determine Cutoffs for CSF Biomarkers of Alzheimer Disease Based on Validation Against PET Imaging. Neurology, 2022, 99, .	1.1	8
114	Association of Metabolic Syndrome With Incident Dementia: Role of Number and Age at Measurement of Components in a 28-Year Follow-up of the Whitehall II Cohort Study. Diabetes Care, 2022, 45, 2127-2135.	8.6	8
115	The association between accelerometer-assessed physical activity and respiratory function in older adults differs between smokers and non-smokers. Scientific Reports, 2019, 9, 10270.	3.3	7
116	How Selection Over Time Contributes to the Inconsistency of the Association Between Sex/Gender and Cognitive Decline Across Cognitive Aging Cohorts. American Journal of Epidemiology, 2022, 191, 441-452.	3.4	7
117	Detection of Outliers Due to Participants' Non-Adherence to Protocol in a Longitudinal Study of Cognitive Decline. PLoS ONE, 2015, 10, e0132110.	2.5	5
118	Association of big-5 personality traits with cognitive impairment and dementia: a longitudinal study. Journal of Epidemiology and Community Health, 2020, 74, jech-2019-213014.	3.7	5
119	Serum transthyretin and risk of cognitive decline and dementia: 22-year longitudinal study. Neurological Sciences, 2021, 42, 5093-5100.	1.9	5
120	Individual Barriers to an Active Lifestyle at Older Ages Among Whitehall II Study Participants After 20 Years of Follow-up. JAMA Network Open, 2022, 5, e226379.	5.9	5
121	Risk of onset of menopausal symptoms in periods surrounding menopause. Maturitas, 2007, 58, 340-347.	2.4	4
122	Does pattern mixture modelling reduce bias due to informative attrition compared to fitting a mixed effects model to the available cases or data imputed using multiple imputation?: a simulation study. BMC Medical Research Methodology, 2018, 18, 89.	3.1	4
123	Comparison of the predictive accuracy of multiple definitions of cognitive impairment for incident dementia: a 20-year follow-up of the Whitehall II cohort study. The Lancet Healthy Longevity, 2021, 2, e407-e416.	4.6	2
124	Raised blood pressure and risk of dementia: our response. European Heart Journal, 2019, 40, 787-787.	2.2	1
125	Facteurs de risque de la maladie d'Alzheimer et des maladies apparentées: approche parcours de vie. Bulletin De L'Academie Nationale De Medecine, 2020, 204, 217-223.	0.0	1
126	Importance of characterising sleep breaks within the 24-h movement behaviour framework. International Journal of Behavioral Nutrition and Physical Activity, 2022, 19, 3.	4.6	1

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127	O1-4.4 Framingham stroke risk profile and cognitive decline in middle age: the Whitehall II study. Journal of Epidemiology and Community Health, 2011, 65, A14-A15.	3.7	0
128	Validation of the Phenotype of Frailty measurement in the Whitehall II study. Journal of Epidemiology and Community Health, 2011, 65, A27-A28.	3.7	0
129	SABIA ET AL. RESPOND. American Journal of Public Health, 2012, 102, S165-S166.	2.7	0
130	Sex differences in functional limitations and the effect of socioeconomic factors: a retrospective multi-cohort study. Lancet, The, 2021, 398, S25.	13.7	0
131	Association of Major Surgical Admissions With Quality of Life. JAMA Surgery, 2022, , .	4.3	0
132	Title is missing!. , 2020, 17, e1003289.		0
133	Title is missing!. , 2020, 17, e1003289.		0
134	Title is missing!. , 2020, 17, e1003289.		0
135	Title is missing!. , 2020, 17, e1003289.		0
136	Title is missing!. , 2020, 17, e1003289.		0
137	Title is missing!. , 2020, 17, e1003289.		0
138	Title is missing!. , 2020, 17, e1003289.		0
139	Title is missing!. , 2020, 17, e1003147.		0
140	Title is missing!. , 2020, 17, e1003147.		0
141	Title is missing!. , 2020, 17, e1003147.		0
142	Title is missing!. , 2020, 17, e1003147.		0
143	Title is missing!. , 2020, 17, e1003147.		0