Walter A Rocca

List of Publications by Year
in descending order

140 papers	13,007 citations	26630 56 h-index	24258 110 g-index
144 all docs	144 docs citations	144 times ranked	14929 citing authors

#	Article	IF	Citations
1	Clinical epidemiology of Alzheimer’s disease: assessing sex and gender differences. Clinical Epidemiology, 2014, 6, 37.	3.0	703
2	History of the Rochester Epidemiology Project: Half a Century of Medical Records Linkage in a US Population. Mayo Clinic Proceedings, 2012, 87, 1202-1213.	3.0	684
3	Use of a Medical Records Linkage System to Enumerate a Dynamic Population Over Time: The Rochester Epidemiology Project. American Journal of Epidemiology, 2011, 173, 1059-1068.	3.4	575
4	Generalizability of Epidemiological Findings and Public Health Decisions: An Illustration From the Rochester Epidemiology Project. Mayo Clinic Proceedings, 2012, 87, 151-160.	3.0	556
5	Data Resource Profile: The Rochester Epidemiology Project (REP) medical records-linkage system. International Journal of Epidemiology, 2012, 41, 1614-1624.	1.9	522
6	Survival patterns after oophorectomy in premenopausal women: a population-based cohort study. Lancet Oncology, The, 2006, 7, 821-828.	10.7	482
7	Anxiety disorders and depressive disorders preceding Parkinson's disease: A case-control study. Movement Disorders, 2000, 15, 669-677.	3.9	407
8	Trends in the incidence and prevalence of Alzheimer's disease, dementia, and cognitive impairment in the United States. Alzheimer's and Dementia, 2011, 7, 80-93.	0.8	399
9	Increased cardiovascular mortality after early bilateral oophorectomy. Menopause, 2009, 16, 15-23.	2.0	384
10	Age, Sex, andAPOEÎµ4 Effects on Memory, Brain Structure, and Î²-Amyloid Across the Adult Life Span. JAMA Neurology, 2015, 72, 511.	9.0	305
11	Age-specific population frequencies of cerebral Î²-amyloidosis and neurodegeneration among people with normal cognitive function aged 50â€“89 years: a cross-sectional study. Lancet Neurology, The, 2014, 13, 997-1005.	10.2	297
12	Incidence of Dementia With Lewy Bodies and Parkinson Disease Dementia. JAMA Neurology, 2013, 70, 1396.	9.0	250
13	Age-specific and sex-specific prevalence of cerebral Î²-amyloidosis, tauopathy, and neurodegeneration in cognitively unimpaired individuals aged 50â€“95 years: a cross-sectional study. Lancet Neurology, The, 2017, 16, 435-444.	10.2	241
14	Oophorectomy, menopause, estrogen treatment, and cognitive aging: Clinical evidence for a window of opportunity. Brain Research, 2011, 1379, 188-198.	2.2	223
15	Associations of Amyloid, Tau, and Neurodegeneration Biomarker Profiles With Rates of Memory Decline Among Individuals Without Dementia. JAMA - Journal of the American Medical Association, 2019, 321, 2316.	7.4	223
16	Vascular and amyloid pathologies are independent predictors of cognitive decline in normal elderly. Brain, 2015, 138, 761-771.	7.6	222
17	Hysterectomy, menopause, and estrogen use preceding Parkinson's disease: An exploratory caseâ€control study. Movement Disorders, 2001, 16, 830-837.	3.9	194
18	Time Trends in the Incidence of Parkinson Disease. JAMA Neurology, 2016, 73, 981.	9.0	194

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19	Prevalence of Multimorbidity in a Geographically Defined American Population. Mayo Clinic Proceedings, 2014, 89, 1336-1349.	3.0	193
20	Prevalence of Biologically vs Clinically Defined Alzheimer Spectrum Entities Using the National Institute on Agingâ€“Alzheimerâ€™s Association Research Framework. JAMA Neurology, 2019, 76, 1174.	9.0	182
21	Risk of developing multimorbidity across all ages in an historical cohort study: differences by sex and ethnicity. BMJ Open, 2015, 5, e006413-e006413.	1.9	180
22	Oophorectomy, estrogen, and dementia: A 2014 update. Molecular and Cellular Endocrinology, 2014, 389, 7-12.	3.2	178
23	Multimorbidity in Heart Failure: A Community Perspective. American Journal of Medicine, 2015, 128, 38-45.	1.5	172
24	Accelerated Accumulation of Multimorbidity After Bilateral Oophorectomy: A Population-Based Cohort Study. Mayo Clinic Proceedings, 2016, 91, 1577-1589.	3.0	169
25	The burden of Parkinson's disease: a worldwide perspective. Lancet Neurology, The, 2018, 17, 928-929.	10.2	169
26	Association of Lifetime Intellectual Enrichment With Cognitive Decline in the Older Population. JAMA Neurology, 2014, 71, 1017.	9.0	160
27	Association of Elevated Amyloid Levels With Cognition and Biomarkers in Cognitively Normal People From the Community. JAMA Neurology, 2016, 73, 85.	9.0	160
28	Premature menopause or early menopause and risk of ischemic stroke. Menopause, 2012, 19, 272-277.	2.0	146
29	Data Resource Profile: Expansion of the Rochester Epidemiology Project medical records-linkage system (E-REP). International Journal of Epidemiology, 2018, 47, 368-368j.	1.9	144
30	Incidence and Pathology of Synucleinopathies and Tauopathies Related to Parkinsonism. JAMA Neurology, 2013, 70, 859.	9.0	140
31	Epidemiology of adrenal tumours in Olmsted County, Minnesota, USA: a population-based cohort study. Lancet Diabetes and Endocrinology,the, 2020, 8, 894-902.	11.4	140
32	Sex and gender differences in the causes of dementia: A narrative review. Maturitas, 2014, 79, 196-201.	2.4	139
33	Long-term risk of depressive and anxiety symptoms after early bilateral oophorectomy. Menopause, 2008, 15, 1050-1059.	2.0	124
34	Incidence of Epileptic Syndromes in Rochester, Minnesota: 1980-1984. Epilepsia, 1999, 40, 1708-1714.	5.1	123
35	Long-Term Effects of Bilateral Oophorectomy on Brain Aging: Unanswered Questions from the Mayo Clinic Cohort Study of Oophorectomy and Aging. Women's Health, 2009, 5, 39-48.	1.5	114
36	Influence of strict, intermediate, and broad diagnostic criteria on the age- and sex-specific incidence of Parkinson's disease. Movement Disorders, 2000, 15, 819-825.	3.9	112

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37	Association of Infant Antibiotic Exposure With Childhood Health Outcomes. Mayo Clinic Proceedings, 2021, 96, 66-77.	3.0	110
38	Transition rates between amyloid and neurodegeneration biomarker states and to dementia: a population-based, longitudinal cohort study. Lancet Neurology, The, 2016, 15, 56-64.	10.2	104
39	Predicting the risk of mild cognitive impairment in the Mayo Clinic Study of Aging. Neurology, 2015, 84, 1433-1442.	1.1	101
40	Familial aggregation of Parkinson's disease: The Mayo Clinic family study. Annals of Neurology, 2004, 56, 495-502.	5.3	96
41	Early Postmenopausal Transdermal 17Î²-Estradiol Therapy and Amyloid-Î² Deposition. Journal of Alzheimer's Disease, 2016, 53, 547-556.	2.6	94
42	Oophorectomy, Menopause, Estrogen, and Cognitive Aging: The Timing Hypothesis. Neurodegenerative Diseases, 2010, 7, 163-166.	1.4	91
43	Alzheimer's disease: The next frontierâ€"Special Report 2017. Alzheimer's and Dementia, 2017, 13, 374-380.	0.8	88
44	Chemical exposures and Parkinson's disease: A population-based caseâ€"control study. Movement Disorders, 2006, 21, 1688-1692.	3.9	85
45	Cardiovascular and metabolic morbidity after hysterectomy with ovarian conservation: a cohort study. Menopause, 2018, 25, 483-492.	2.0	82
46	Increased risk of essential tremor in firstâ€degree relatives of patients with Parkinson's disease. Movement Disorders, 2007, 22, 1607-1614.	3.9	81
47	Hysterectomy, Oophorectomy, Estrogen, and the Risk of Dementia. Neurodegenerative Diseases, 2012, 10, 175-178.	1.4	81
48	Prevalence of Parkinson's disease in junÃn, Buenos Aires province, argentina. Movement Disorders, 1997, 12, 197-205.	3.9	77
49	The Long-Term Effects of Oophorectomy on Cognitive and Motor Aging Are Age Dependent. Neurodegenerative Diseases, 2008, 5, 257-260.	1.4	73
50	Effect of intellectual enrichment on AD biomarker trajectories. Neurology, 2016, 86, 1128-1135.	1.1	71
51	Incidence and time trends of drug-induced parkinsonism: A 30-year population-based study. Movement Disorders, 2017, 32, 227-234.	3.9	71
52	Association of Bilateral Salpingo-Oophorectomy Before Menopause Onset With Medial Temporal Lobe Neurodegeneration. JAMA Neurology, 2019, 76, 95.	9.0	69
53	Bilateral Oophorectomy and Accelerated Aging: Cause or Effect?. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 1213-1217.	3.6	68
54	Survival and Causes of Death Among People With Clinically Diagnosed Synucleinopathies With Parkinsonism. JAMA Neurology, 2017, 74, 839.	9.0	68

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55	Spectrum of cognition short of dementia. Neurology, 2015, 85, 1712-1721.	1.1	67
56	Parkinson disease with and without Dementia: A prevalence study and future projections. Movement Disorders, 2018, 33, 537-543.	3.9	63
57	Increased Mortality for Neurological and Mental Diseases following Early Bilateral Oophorectomy. Neuroepidemiology, 2009, 33, 32-40.	2.3	62
58	Risk of cancer after the diagnosis of Parkinson's disease: A historical cohort study. Movement Disorders, 2005, 20, 719-725.	3.9	57
59	Brain structure and cognition 3 years after the end of an early menopausal hormone therapy trial. Neurology, 2018, 90, e1404-e1412.	1.1	57
60	Preeclampsia and ESRD: The Role of Shared Risk Factors. American Journal of Kidney Diseases, 2017, 69, 498-505.	1.9	56
61	Risk factors for Parkinson's disease may differ in men and women: an exploratory study. Hormones and Behavior, 2013, 63, 308-314.	2.1	55
62	Caseâ€control study of the extended tau gene haplotype in Parkinson's disease. Annals of Neurology, 2001, 50, 658-661.	5.3	54
63	Neighborhood socioeconomic disadvantage is associated with multimorbidity in a geographically-defined community. BMC Public Health, 2020, 20, 13.	2.9	54
64	Metabolic markers or conditions preceding Parkinson's disease: A caseâ€control study. Movement Disorders, 2012, 27, 974-979.	3.9	49
65	Prevalence of Combined Somatic and Mental Health Multimorbidity: Patterns by Age, Sex, and Race/Ethnicity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 1483-1491.	3.6	48
66	Risk of Cognitive Impairment or Dementia in Relatives of Patients With Parkinson Disease. Archives of Neurology, 2007, 64, 1458.	4.5	47
67	Effects of hormone therapy on brain structure. Neurology, 2016, 87, 887-896.	1.1	47
68	Time, Sex, Gender, History, and Dementia. Alzheimer Disease and Associated Disorders, 2017, 31, 76-79.	1.3	45
69	Case-control study of debrisoquine 4-hydroxylase, n-acetyltransferase 2, and apolipoprotein e gene polymorphisms in Parkinson's disease. Movement Disorders, 2000, 15, 714-719.	3.9	44
70	Occupation, education, and Parkinson's disease: A case-control study in an Italian population. Movement Disorders, 1996, 11, 201-206.	3.9	43
71	Sex Differences Research, Precision Medicine, and the Future of Women's Health. Journal of Women's Health, 2015, 24, 969-971.	3.3	42
72	Complex segregation analysis of Parkinson's disease: The Mayo Clinic Family Study. Annals of Neurology, 2006, 59, 788-795.	5.3	41

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73	Case ascertainment uncertainties in prevalence surveys of Parkinson's disease. Movement Disorders, 1998, 13, 626-632.	3.9	40
74	Improvement in Cardiovascular Risk Prediction with Electronic Health Records. Journal of Cardiovascular Translational Research, 2016, 9, 214-222.	2.4	38
75	Association of Depression and Anxiety With the Accumulation of Chronic Conditions. JAMA Network Open, 2022, 5, e229817.	5.9	36
76	Loss of Ovarian Hormones and Accelerated Somatic and Mental Aging. Physiology, 2018, 33, 374-383.	3.1	35
77	Parkinson's disease, smoking and family history. Journal of Neurology, 2000, 247, 793-798.	3.6	32
78	Risk of glaucoma after early bilateral oophorectomy. Menopause, 2014, 21, 391-398.	2.0	32
79	CKD in Patients with Bilateral Oophorectomy. Clinical Journal of the American Society of Nephrology: CJASN, 2018, 13, 1649-1658.	4.5	31
80	Cohort profile: the Mayo Clinic Cohort Study of Oophorectomy and Aging-2 (MOA-2) in Olmsted County, Minnesota (USA). BMJ Open, 2017, 7, e018861.	1.9	30
81	Long-term risk of de novo mental health conditions after hysterectomy with ovarian conservation: a cohort study. Menopause, 2020, 27, 33-42.	2.0	28
82	Reproductive history and progressive multiple sclerosis risk in women. Brain Communications, 2020, 2, fcaa185.	3.3	28
83	The Mayo Clinic Family Study of Parkinsonâ€™s Disease: Study Design, Instruments, and Sample Characteristics. Neuroepidemiology, 2005, 24, 151-167.	2.3	27
84	Long-term risk of myocardial infarction and stroke in bipolar I disorder: A population-based Cohort Study. Journal of Affective Disorders, 2016, 194, 120-127.	4.1	27
85	Independent comparison of CogState computerized testing and a standard cognitive battery with neuroimaging. Alzheimer's and Dementia, 2014, 10, 779-789.	0.8	26
86	Multimorbidity, functional limitations, and outcomes: Interactions in a population-based cohort of older adults. Journal of Comorbidity, 2019, 9, 2235042X1987348.	3.9	26
87	Association of Premenopausal Bilateral Oophorectomy With Cognitive Performance and Risk of Mild Cognitive Impairment. JAMA Network Open, 2021, 4, e2131448.	5.9	26
88	Risk factors for primary central nervous system lymphoma. , 1998, 82, 975-982.		25
89	The future burden of Parkinson's disease. Movement Disorders, 2018, 33, 8-9.	3.9	22
90	Incidence of Medically Recognized Migraine: A 1989-1990 Study in Olmsted County, Minnesota. Headache, 2000, 40, 216-223.	3.9	21

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91	Time trends of antidepressant drug prescriptions in men versus women in a geographically defined US population. Archives of Women's Mental Health, 2014, 17, 485-492.	2.6	21
92	Adverse childhood or adult experiences and risk of bilateral oophorectomy: a population-based caseâ€“control study. BMJ Open, 2017, 7, e016045.	1.9	21
93	Rochester Epidemiology Project Data Exploration Portal. Preventing Chronic Disease, 2018, 15, E42.	3.4	19
94	Ascertainment of Delirium Status Using Natural Language Processing From Electronic Health Records. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 524-530.	3.6	18
95	Implementing the US Department of Health and Human Services definition of multimorbidity: a comparison between billing codes and medical record review in a population-based sample of persons 40â€“84 years old. BMJ Open, 2021, 11, e042870.	1.9	18
96	Is multiple system atrophy an infectious disease?. Annals of Neurology, 2018, 83, 10-12.	5.3	16
97	Moving Beyond Reflexive and Prophylactic Gynecologic Surgery. Mayo Clinic Proceedings, 2021, 96, 291-294.	3.0	16
98	Factors Associated With Severe COVID-19 Infection Among Persons of Different Ages Living in a Defined Midwestern US Population. Mayo Clinic Proceedings, 2021, 96, 2528-2539.	3.0	16
99	Data Registry on Experiences of Aging, Menopause, and Sexuality (DREAMS): A cohort profile. Maturitas, 2018, 107, 44-49.	2.4	15
100	Multimorbidity, ageing and mortality: normative data and cohort study in an American population. BMJ Open, 2021, 11, e042633.	1.9	15
101	Is there a link between gynecologic surgeries and Alzheimer disease?. Neurology, 2014, 82, 196-197.	1.1	14
102	Effect of the American Heart Association 2007 Guidelines on the Practice of Dental Prophylaxis for the Prevention of Infective Endocarditis in Olmsted County, Minnesota. Mayo Clinic Proceedings, 2017, 92, 881-889.	3.0	14
103	Longitudinal cohorts for harnessing the electronic health record for disease prediction in a US population. BMJ Open, 2021, 11, e044353.	1.9	14
104	Linking medical and dental health record data: a partnership with the Rochester Epidemiology Project. BMJ Open, 2017, 7, e012528.	1.9	13
105	Cardiometabolic Outcomes and Mortality in Patients with Adrenal Adenomas in a Population-based Setting. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 3320-3330.	3.6	13
106	Number of children and risk of Parkinson's disease. Movement Disorders, 2007, 22, 632-639.	3.9	12
107	Risk factors of neurovascular ageing in women. Journal of Neuroendocrinology, 2020, 32, e12777.	2.6	12
108	Association of adverse childhood experiences with menopausal symptoms: Results from the Data Registry on Experiences of Aging, Menopause and Sexuality (DREAMS). Maturitas, 2021, 143, 209-215.	2.4	11

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109	Associations of Neighborhood Socioeconomic Disadvantage With Chronic Conditions by Age, Sex, Race, and Ethnicity in a Population-Based Cohort. Mayo Clinic Proceedings, 2022, 97, 57-67.	3.0	11
110	Salpingo-oophorectomy at the Time of Benign Hysterectomy: A Systematic Review. Obstetrics and Gynecology, 2017, 129, 202-203.	2.4	10
111	Personal, reproductive, and familial characteristics associated with bilateral oophorectomy in premenopausal women: A population-based case-control study. Maturitas, 2018, 117, 64-77.	2.4	10
112	A hybrid model to identify fall occurrence from electronic health records. International Journal of Medical Informatics, 2022, 162, 104736.	3.3	10
113	An electronic health record driven algorithm to identify incident antidepressant medication users. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 785-791.	4.4	9
114	Mental health conditions diagnosed before bilateral oophorectomy: a population-based case-control study. Menopause, 2019, 26, 1395-1404.	2.0	9
115	Identifying incident Parkinson's disease using administrative diagnostic codes: a validation study. Clinical Parkinsonism & Related Disorders, 2020, 3, 100061.	0.9	9
116	Adverse childhood experiences and adult abuse are predictors of hysterectomy and oophorectomy. Maturitas, 2017, 106, 95-96.	2.4	8
117	Association of Premenopausal Bilateral Oophorectomy With Restless Legs Syndrome. JAMA Network Open, 2021, 4, e2036058.	5.9	8
118	Time Trends in Unilateral and Bilateral Oophorectomy in a Geographically Defined American Population. Obstetrics and Gynecology, 2022, 139, 724-734.	2.4	8
119	The Mayo Clinic Cohort Study of Personality and Aging: Design and Sampling, Reliability and Validity of Instruments, and Baseline Description. Neuroepidemiology, 2006, 26, 119-129.	2.3	7
120	Prevalence of and indications for antipsychotic use in Parkinson's disease. Movement Disorders, 2018, 33, 325-328.	3.9	7
121	Development of Population Research at Mayo Clinic. Mayo Clinic Proceedings, 2014, 89, e17-e20.	3.0	6
122	Risk of de novo cancer after premenopausal bilateral oophorectomy. American Journal of Obstetrics and Gynecology, 2022, 226, 539.e1-539.e16.	1.3	6
123	Identifying Information Gaps in Electronic Health Records by Using Natural Language Processing: Gynecologic Surgery History Identification. Journal of Medical Internet Research, 2022, 24, e29015.	4.3	5
124	When Lowest Dose for Shortest Amount of Time Does Not Apply. Journal of Women's Health, 2016, 25, 416-417.	3.3	4
125	Difficult decisions in women at high genetic risk for cancer: toward an individualized approach. Menopause, 2020, 27, 727-729.	2.0	4
126	Prevalence of coâ€•occurring serious illness diagnoses and association with health care utilization at the end of life. Journal of the American Geriatrics Society, 2022, 70, 2621-2629.	2.6	4

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127	Could estrogen protect younger menopausal women from stroke?. Expert Review of Neurotherapeutics, 2012, 12, 363-365.	2.8	3
128	Elective Oophorectomy: Primum Non Nocere. Journal of Women's Health, 2016, 25, 200-202.	3.3	3
129	Conjugal multiple system atrophy: Be wary of implicating transmissibility. Parkinsonism and Related Disorders, 2020, 75, 121.	2.2	2
130	Bell's palsy preceding Parkinson's disease: A caseâ€control study. Movement Disorders, 2009, 24, 1530-1533.	3.9	1
131	Trends in the Incidence of Parkinson Diseaseâ€"Reply. JAMA Neurology, 2016, 73, 1498.	9.0	1
132	Risk of de novo severe carpal tunnel syndrome after bilateral oophorectomy: a population-based cohort study. Menopause, 2021, 28, 1026-1036.	2.0	1
133	Risk factors for primary central nervous system lymphoma. Cancer, 1998, 82, 975-982.	4.1	1
134	Multi-morbidity and patient-reported functional limitations: a population-based cohort study. Journal of Multimorbidity and Comorbidity, 2022, 12, 263355652211054.	2.2	1
135	Response to Letter by Friedman on â€œIncidence and time trends of drugâ€induced parkinsonism: A 30â€year populationâ€based studyâ€. Movement Disorders, 2017, 32, 1111-1112.	3.9	0
136	F2â€01â€02: PREMENOPAUSAL LOSS OF OVARIAN HORMONES AND DEMENTIA RISK. Alzheimer's and Dementia, 2018, 14, P602.	0.8	0
137	Historical vignette: Leonard T. Kurland, FACE (1921â€"2001), the rise of neuroepidemiology, and the Rochester Epidemiology Project. Annals of Epidemiology, 2019, 37, 1-3.	1.9	0
138	Sex and time: A new complexity in research. Maturitas, 2020, 135, 80-81.	2.4	0
139	Abstract 13134: Impact of the American Heart Associationâ€™s 2007 Guidelines on the Practice of Dental Prophylaxis for the Prevention of Infective Endocarditis in Olmsted County, Minnesota. Circulation, 2015, 132, .	1.6	0
140	Adverse childhood experiences and gynaecological surgery. BJOG: an International Journal of Obstetrics and Gynaecology, 2022, , .	2.3	0