

# Walter A Rocca

## List of Publications by Citations

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128  
papers

9,584  
citations

50  
h-index

97  
g-index

144  
ext. papers

11,491  
ext. citations

6.9  
avg, IF

6.33  
L-index

#	Paper	IF	Citations
128	History of the Rochester Epidemiology Project: half a century of medical records linkage in a US population. <i>Mayo Clinic Proceedings</i> , <b>2012</b> , 87, 1202-13	6.4	567
127	Clinical epidemiology of Alzheimer's disease: assessing sex and gender differences. <i>Clinical Epidemiology</i> , <b>2014</b> , 6, 37-48	5.9	521
126	Use of a medical records linkage system to enumerate a dynamic population over time: the Rochester epidemiology project. <i>American Journal of Epidemiology</i> , <b>2011</b> , 173, 1059-68	3.8	476
125	Generalizability of epidemiological findings and public health decisions: an illustration from the Rochester Epidemiology Project. <i>Mayo Clinic Proceedings</i> , <b>2012</b> , 87, 151-60	6.4	456
124	Data resource profile: the Rochester Epidemiology Project (REP) medical records-linkage system. <i>International Journal of Epidemiology</i> , <b>2012</b> , 41, 1614-24	7.8	421
123	Survival patterns after oophorectomy in premenopausal women: a population-based cohort study. <i>Lancet Oncology</i> , <b>2006</b> , 7, 821-8	21.7	398
122	Anxiety disorders and depressive disorders preceding Parkinson's disease: a case-control study. <i>Movement Disorders</i> , <b>2000</b> , 15, 669-77	7	347
121	Trends in the incidence and prevalence of Alzheimer's disease, dementia, and cognitive impairment in the United States. <i>Alzheimer's and Dementia</i> , <b>2011</b> , 7, 80-93	1.2	322
120	Increased cardiovascular mortality after early bilateral oophorectomy. <i>Menopause</i> , <b>2009</b> , 16, 15-23	2.5	302
119	Age-specific population frequencies of cerebral $\beta$ -amyloidosis and neurodegeneration among people with normal cognitive function aged 50-89 years: a cross-sectional study. <i>Lancet Neurology</i> , <b>2014</b> , 13, 997-1005	24.1	246
118	Age, Sex, and APOE $\epsilon$ Effects on Memory, Brain Structure, and $\beta$ -Amyloid Across the Adult Life Span. <i>JAMA Neurology</i> , <b>2015</b> , 72, 511-9	17.2	229
117	Incidence of dementia with Lewy bodies and Parkinson disease dementia. <i>JAMA Neurology</i> , <b>2013</b> , 70, 1396-402	17.2	185
116	Oophorectomy, menopause, estrogen treatment, and cognitive aging: clinical evidence for a window of opportunity. <i>Brain Research</i> , <b>2011</b> , 1379, 188-98	3.7	185
115	Age-specific and sex-specific prevalence of cerebral $\beta$ -amyloidosis, tauopathy, and neurodegeneration in cognitively unimpaired individuals aged 50-95 years: a cross-sectional study. <i>Lancet Neurology</i> , <b>2017</b> , 16, 435-444	24.1	174
114	Vascular and amyloid pathologies are independent predictors of cognitive decline in normal elderly. <i>Brain</i> , <b>2015</b> , 138, 761-71	11.2	173
113	Hysterectomy, menopause, and estrogen use preceding Parkinson's disease: an exploratory case-control study. <i>Movement Disorders</i> , <b>2001</b> , 16, 830-7	7	153
112	Prevalence of multimorbidity in a geographically defined American population: patterns by age, sex, and race/ethnicity. <i>Mayo Clinic Proceedings</i> , <b>2014</b> , 89, 1336-49	6.4	151

111	Time Trends in the Incidence of Parkinson Disease. <i>JAMA Neurology</i> , <b>2016</b> , 73, 981-9	17.2	134
110	Oophorectomy, estrogen, and dementia: a 2014 update. <i>Molecular and Cellular Endocrinology</i> , <b>2014</b> , 389, 7-12	4.4	131
109	Association of Elevated Amyloid Levels With Cognition and Biomarkers in Cognitively Normal People From the Community. <i>JAMA Neurology</i> , <b>2016</b> , 73, 85-92	17.2	129
108	Multimorbidity in heart failure: a community perspective. <i>American Journal of Medicine</i> , <b>2015</b> , 128, 38-45	2.4	123
107	Association of lifetime intellectual enrichment with cognitive decline in the older population. <i>JAMA Neurology</i> , <b>2014</b> , 71, 1017-24	17.2	123
106	Risk of developing multimorbidity across all ages in an historical cohort study: differences by sex and ethnicity. <i>BMJ Open</i> , <b>2015</b> , 5, e006413	3	122
105	Associations of Amyloid, Tau, and Neurodegeneration Biomarker Profiles With Rates of Memory Decline Among Individuals Without Dementia. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 321, 2316-2325	27.4	115
104	Premature menopause or early menopause and risk of ischemic stroke. <i>Menopause</i> , <b>2012</b> , 19, 272-7	2.5	114
103	Accelerated Accumulation of Multimorbidity After Bilateral Oophorectomy: A Population-Based Cohort Study. <i>Mayo Clinic Proceedings</i> , <b>2016</b> , 91, 1577-1589	6.4	113
102	Long-term risk of depressive and anxiety symptoms after early bilateral oophorectomy. <i>Menopause</i> , <b>2008</b> , 15, 1050-9	2.5	111
101	Prevalence of Biologically vs Clinically Defined Alzheimer Spectrum Entities Using the National Institute on Aging-Alzheimer's Association Research Framework. <i>JAMA Neurology</i> , <b>2019</b> ,	17.2	106
100	Sex and gender differences in the causes of dementia: a narrative review. <i>Maturitas</i> , <b>2014</b> , 79, 196-201	5	103
99	Incidence and pathology of synucleinopathies and tauopathies related to parkinsonism. <i>JAMA Neurology</i> , <b>2013</b> , 70, 859-66	17.2	103
98	Influence of strict, intermediate, and broad diagnostic criteria on the age- and sex-specific incidence of Parkinson's disease. <i>Movement Disorders</i> , <b>2000</b> , 15, 819-25	7	100
97	Incidence of epileptic syndromes in Rochester, Minnesota: 1980-1984. <i>Epilepsia</i> , <b>1999</b> , 40, 1708-14	6.4	94
96	Long-term effects of bilateral oophorectomy on brain aging: unanswered questions from the Mayo Clinic Cohort Study of Oophorectomy and Aging. <i>Women's Health</i> , <b>2009</b> , 5, 39-48	3	91
95	The burden of Parkinson's disease: a worldwide perspective. <i>Lancet Neurology</i> , <b>2018</b> , 17, 928-929	24.1	89
94	Oophorectomy, menopause, estrogen, and cognitive aging: the timing hypothesis. <i>Neurodegenerative Diseases</i> , <b>2010</b> , 7, 163-6	2.3	83

93	Transition rates between amyloid and neurodegeneration biomarker states and to dementia: a population-based, longitudinal cohort study. <i>Lancet Neurology, The</i> , <b>2016</b> , 15, 56-64	24.1	82
92	Familial aggregation of Parkinson's disease: The Mayo Clinic family study. <i>Annals of Neurology</i> , <b>2004</b> , 56, 495-502	9.4	75
91	Chemical exposures and Parkinson's disease: a population-based case-control study. <i>Movement Disorders</i> , <b>2006</b> , 21, 1688-92	7	72
90	Predicting the risk of mild cognitive impairment in the Mayo Clinic Study of Aging. <i>Neurology</i> , <b>2015</b> , 84, 1433-42	6.5	71
89	Early Postmenopausal Transdermal 17 $\beta$ -Estradiol Therapy and Amyloid- $\beta$ Deposition. <i>Journal of Alzheimer's Disease</i> , <b>2016</b> , 53, 547-56	4.3	70
88	Increased risk of essential tremor in first-degree relatives of patients with Parkinson's disease. <i>Movement Disorders</i> , <b>2007</b> , 22, 1607-14	7	69
87	Data Resource Profile: Expansion of the Rochester Epidemiology Project medical records-linkage system (E-REP). <i>International Journal of Epidemiology</i> , <b>2018</b> , 47, 368-368j	7.8	67
86	Prevalence of Parkinson's disease in Jun $\tilde{n}$ , Buenos Aires Province, Argentina. <i>Movement Disorders</i> , <b>1997</b> , 12, 197-205	7	65
85	Hysterectomy, oophorectomy, estrogen, and the risk of dementia. <i>Neurodegenerative Diseases</i> , <b>2012</b> , 10, 175-8	2.3	62
84	Alzheimer's disease: The next frontier-Special Report 2017. <i>Alzheimer's and Dementia</i> , <b>2017</b> , 13, 374-380	1.2	60
83	The long-term effects of oophorectomy on cognitive and motor aging are age dependent. <i>Neurodegenerative Diseases</i> , <b>2008</b> , 5, 257-60	2.3	56
82	Effect of intellectual enrichment on AD biomarker trajectories: Longitudinal imaging study. <i>Neurology</i> , <b>2016</b> , 86, 1128-35	6.5	55
81	Increased mortality for neurological and mental diseases following early bilateral oophorectomy. <i>Neuroepidemiology</i> , <b>2009</b> , 33, 32-40	5.4	55
80	Incidence and time trends of drug-induced parkinsonism: A 30-year population-based study. <i>Movement Disorders</i> , <b>2017</b> , 32, 227-234	7	54
79	Spectrum of cognition short of dementia: Framingham Heart Study and Mayo Clinic Study of Aging. <i>Neurology</i> , <b>2015</b> , 85, 1712-21	6.5	52
78	Bilateral Oophorectomy and Accelerated Aging: Cause or Effect?. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2017</b> , 72, 1213-1217	6.4	50
77	Risk of cancer after the diagnosis of Parkinson's disease: a historical cohort study. <i>Movement Disorders</i> , <b>2005</b> , 20, 719-25	7	48
76	Case-Control study of the extended tau gene haplotype in Parkinson's disease. <i>Annals of Neurology</i> , <b>2001</b> , 50, 658-61	9.4	48

75	Survival and Causes of Death Among People With Clinically Diagnosed Synucleinopathies With Parkinsonism: A Population-Based Study. <i>JAMA Neurology</i> , <b>2017</b> , 74, 839-846	17.2	46
74	Cardiovascular and metabolic morbidity after hysterectomy with ovarian conservation: a cohort study. <i>Menopause</i> , <b>2018</b> , 25, 483-492	2.5	41
73	Case-control study of debrisoquine 4-hydroxylase, N-acetyltransferase 2, and apolipoprotein E gene polymorphisms in Parkinson's disease. <i>Movement Disorders</i> , <b>2000</b> , 15, 714-9	7	41
72	Risk factors for Parkinson's disease may differ in men and women: an exploratory study. <i>Hormones and Behavior</i> , <b>2013</b> , 63, 308-14	3.7	40
71	Epidemiology of adrenal tumours in Olmsted County, Minnesota, USA: a population-based cohort study. <i>Lancet Diabetes and Endocrinology</i> , <b>2020</b> , 8, 894-902	18.1	40
70	Preeclampsia and ESRD: The Role of Shared Risk Factors. <i>American Journal of Kidney Diseases</i> , <b>2017</b> , 69, 498-505	7.4	39
69	Parkinson disease with and without Dementia: A prevalence study and future projections. <i>Movement Disorders</i> , <b>2018</b> , 33, 537-543	7	38
68	Case ascertainment uncertainties in prevalence surveys of Parkinson's disease. <i>Movement Disorders</i> , <b>1998</b> , 13, 626-32	7	38
67	Brain structure and cognition 3 years after the end of an early menopausal hormone therapy trial. <i>Neurology</i> , <b>2018</b> , 90, e1404-e1412	6.5	35
66	Complex segregation analysis of Parkinson's disease: The Mayo Clinic Family Study. <i>Annals of Neurology</i> , <b>2006</b> , 59, 788-95	9.4	35
65	Association of Bilateral Salpingo-Oophorectomy Before Menopause Onset With Medial Temporal Lobe Neurodegeneration. <i>JAMA Neurology</i> , <b>2019</b> , 76, 95-100	17.2	35
64	Effects of hormone therapy on brain structure: A randomized controlled trial. <i>Neurology</i> , <b>2016</b> , 87, 887-965	6.5	33
63	Association of Infant Antibiotic Exposure With Childhood Health Outcomes. <i>Mayo Clinic Proceedings</i> , <b>2021</b> , 96, 66-77	6.4	33
62	Risk of cognitive impairment or dementia in relatives of patients with Parkinson disease. <i>Archives of Neurology</i> , <b>2007</b> , 64, 1458-64		32
61	Occupation, education, and Parkinson's disease: a case-control study in an Italian population. <i>Movement Disorders</i> , <b>1996</b> , 11, 201-6	7	32
60	Metabolic markers or conditions preceding Parkinson's disease: a case-control study. <i>Movement Disorders</i> , <b>2012</b> , 27, 974-9	7	30
59	Prevalence of Combined Somatic and Mental Health Multimorbidity: Patterns by Age, Sex, and Race/Ethnicity. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2016</b> , 71, 1483-1491	6.4	30
58	Time, Sex, Gender, History, and Dementia. <i>Alzheimer Disease and Associated Disorders</i> , <b>2017</b> , 31, 76-79	2.5	29

57	Improvement in Cardiovascular Risk Prediction with Electronic Health Records. <i>Journal of Cardiovascular Translational Research</i> , <b>2016</b> , 9, 214-222	3.3	27
56	The Mayo Clinic family study of Parkinson's disease: study design, instruments, and sample characteristics. <i>Neuroepidemiology</i> , <b>2005</b> , 24, 151-67	5.4	26
55	Sex Differences Research, Precision Medicine, and the Future of Women's Health. <i>Journal of Women's Health</i> , <b>2015</b> , 24, 969-71	3	25
54	Parkinson's disease, smoking, and family history. EUROPARKINSON Study Group. <i>Journal of Neurology</i> , <b>2000</b> , 247, 793-8	5.5	25
53	Risk of glaucoma after early bilateral oophorectomy. <i>Menopause</i> , <b>2014</b> , 21, 391-8	2.5	23
52	Cohort profile: the Mayo Clinic Cohort Study of Oophorectomy and Aging-2 (MOA-2) in Olmsted County, Minnesota (USA). <i>BMJ Open</i> , <b>2017</b> , 7, e018861	3	22
51	Loss of Ovarian Hormones and Accelerated Somatic and Mental Aging. <i>Physiology</i> , <b>2018</b> , 33, 374-383	9.8	21
50	Risk factors for primary central nervous system lymphoma <b>1998</b> , 82, 975-982		20
49	Independent comparison of CogState computerized testing and a standard cognitive battery with neuroimaging. <i>Alzheimer's and Dementia</i> , <b>2014</b> , 10, 779-89	1.2	19
48	Neighborhood socioeconomic disadvantage is associated with multimorbidity in a geographically-defined community. <i>BMC Public Health</i> , <b>2020</b> , 20, 13	4.1	19
47	CKD in Patients with Bilateral Oophorectomy. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2018</b> , 13, 1649-1658	6.9	18
46	Time trends of antidepressant drug prescriptions in men versus women in a geographically defined US population. <i>Archives of Women's Mental Health</i> , <b>2014</b> , 17, 485-92	5	17
45	Incidence of medically recognized migraine: A 1989-1990 study in Olmsted County, Minnesota. <i>Headache</i> , <b>2000</b> , 40, 216-23	4.2	17
44	Long-term risk of myocardial infarction and stroke in bipolar I disorder: A population-based Cohort Study. <i>Journal of Affective Disorders</i> , <b>2016</b> , 194, 120-7	6.6	16
43	Multimorbidity, functional limitations, and outcomes: Interactions in a population-based cohort of older adults. <i>Journal of Comorbidity</i> , <b>2019</b> , 9, 2235042X19873486	4	13
42	Adverse childhood or adult experiences and risk of bilateral oophorectomy: a population-based case-control study. <i>BMJ Open</i> , <b>2017</b> , 7, e016045	3	13
41	Rochester Epidemiology Project Data Exploration Portal. <i>Preventing Chronic Disease</i> , <b>2018</b> , 15, E42	3.7	12
40	Effect of the American Heart Association 2007 Guidelines on the Practice of Dental Prophylaxis for the Prevention of Infective Endocarditis in Olmsted County, Minnesota. <i>Mayo Clinic Proceedings</i> , <b>2017</b> ,	6.4	11

39	Long-term risk of de novo mental health conditions after hysterectomy with ovarian conservation: a cohort study. <i>Menopause</i> , <b>2020</b> , 27, 33-42	2.5	11
38	Linking medical and dental health record data: a partnership with the Rochester Epidemiology Project. <i>BMJ Open</i> , <b>2017</b> , 7, e012528	3	10
37	Salpingo-oophorectomy at the Time of Benign Hysterectomy: A Systematic Review. <i>Obstetrics and Gynecology</i> , <b>2017</b> , 129, 202-203	4.9	10
36	Number of children and risk of Parkinson's disease. <i>Movement Disorders</i> , <b>2007</b> , 22, 632-9	7	10
35	Data Registry on Experiences of Aging, Menopause, and Sexuality (DREAMS): A cohort profile. <i>Maturitas</i> , <b>2018</b> , 107, 44-49	5	8
34	Personal, reproductive, and familial characteristics associated with bilateral oophorectomy in premenopausal women: A population-based case-control study. <i>Maturitas</i> , <b>2018</b> , 117, 64-77	5	8
33	An electronic health record driven algorithm to identify incident antidepressant medication users. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2014</b> , 21, 785-91	8.6	7
32	The Mayo Clinic cohort study of personality and aging: design and sampling, reliability and validity of instruments, and baseline description. <i>Neuroepidemiology</i> , <b>2006</b> , 26, 119-29	5.4	7
31	Reproductive history and progressive multiple sclerosis risk in women. <i>Brain Communications</i> , <b>2020</b> , 2, fcaa185	4.5	7
30	Moving Beyond Reflexive and Prophylactic Gynecologic Surgery. <i>Mayo Clinic Proceedings</i> , <b>2021</b> , 96, 291-294	2.4	7
29	Association of Premenopausal Bilateral Oophorectomy With Cognitive Performance and Risk of Mild Cognitive Impairment. <i>JAMA Network Open</i> , <b>2021</b> , 4, e2131448	10.4	5
28	Multimorbidity, ageing and mortality: normative data and cohort study in an American population. <i>BMJ Open</i> , <b>2021</b> , 11, e042633	3	5
27	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 40-84 years old. <i>BMJ Open</i> , <b>2021</b> , 11, e042870	3	5
26	Mental health conditions diagnosed before bilateral oophorectomy: a population-based case-control study. <i>Menopause</i> , <b>2019</b> , 26, 1395-1404	2.5	5
25	Association of Depression and Anxiety With the Accumulation of Chronic Conditions. <i>JAMA Network Open</i> , <b>2022</b> , 5, e229817	10.4	5
24	Development of population research at Mayo Clinic. <i>Mayo Clinic Proceedings</i> , <b>2014</b> , 89, e17-20	6.4	4
23	Association of Premenopausal Bilateral Oophorectomy With Restless Legs Syndrome. <i>JAMA Network Open</i> , <b>2021</b> , 4, e2036058	10.4	4
22	Ascertainment of delirium status using natural language processing from electronic health records. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2020</b> ,	6.4	3



21	When Lowest Dose for Shortest Amount of Time Does Not Apply. <i>Journal of Women's Health</i> , <b>2016</b> , 25, 416-7	3	3
20	Risk factors of neurovascular ageing in women. <i>Journal of Neuroendocrinology</i> , <b>2020</b> , 32, e12777	3.8	3
19	Conjugal multiple system atrophy: Be wary of implicating transmissibility. <i>Parkinsonism and Related Disorders</i> , <b>2020</b> , 75, 121	3.6	2
18	Longitudinal cohorts for harnessing the electronic health record for disease prediction in a US population. <i>BMJ Open</i> , <b>2021</b> , 11, e044353	3	2
17	Elective Oophorectomy: Primum Non Nocere. <i>Journal of Women's Health</i> , <b>2016</b> , 25, 200-2	3	2
16	Association of adverse childhood experiences with menopausal symptoms: Results from the Data Registry on Experiences of Aging, Menopause and Sexuality (DREAMS). <i>Maturitas</i> , <b>2021</b> , 143, 209-215	5	2
15	Prevalence of and indications for antipsychotic use in Parkinson's disease. <i>Movement Disorders</i> , <b>2018</b> , 33, 325-328	7	1
14	Bell's palsy preceding Parkinson's disease: a case-control study. <i>Movement Disorders</i> , <b>2009</b> , 24, 1530-3	7	1
13	Identifying Information Gaps in Electronic Health Records by Using Natural Language Processing: Gynecologic Surgery History Identification.. <i>Journal of Medical Internet Research</i> , <b>2022</b> , 24, e29015	7.6	1
12	Associations of Neighborhood Socioeconomic Disadvantage With Chronic Conditions by Age, Sex, Race, and Ethnicity in a Population-Based Cohort.. <i>Mayo Clinic Proceedings</i> , <b>2022</b> , 97, 57-67	6.4	1
11	Cardiometabolic Outcomes and Mortality in Patients with Adrenal Adenomas in a Population-based Setting. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, 3320-3330	5.6	1
10	Risk factors for primary central nervous system lymphoma <b>1998</b> , 82, 975		1
9	A hybrid model to identify fall occurrence from electronic health records.. <i>International Journal of Medical Informatics</i> , <b>2022</b> , 162, 104736	5.3	1
8	Time Trends in Unilateral and Bilateral Oophorectomy in a Geographically Defined American Population.. <i>Obstetrics and Gynecology</i> , <b>2022</b> , 139, 724-734	4.9	1
7	Trends in the Incidence of Parkinson Disease-Reply. <i>JAMA Neurology</i> , <b>2016</b> , 73, 1498-1499	17.2	0
6	Factors Associated With Severe COVID-19 Infection Among Persons of Different Ages Living in a Defined Midwestern US Population. <i>Mayo Clinic Proceedings</i> , <b>2021</b> , 96, 2528-2539	6.4	0
5	Response to Letter by Friedman on "Incidence and time trends of drug-induced parkinsonism: A 30-year population-based study". <i>Movement Disorders</i> , <b>2017</b> , 32, 1111-1112	7	
4	Historical vignette: Leonard T. Kurland, FACE (1921-2001), the rise of neuroepidemiology, and the Rochester Epidemiology Project. <i>Annals of Epidemiology</i> , <b>2019</b> , 37, 1-3	6.4	



- 3 Risk of de novo severe carpal tunnel syndrome after bilateral oophorectomy: a population-based cohort study. *Menopause*, **2021**, 28, 1026-1036 2.5
- 2 F2-01-02: PREMENOPAUSAL LOSS OF OVARIAN HORMONES AND DEMENTIA RISK **2018**, 14, P602-P602
- 1 Multi-morbidity and patient-reported functional limitations: a population-based cohort study. *Journal of Multimorbidity and Comorbidity*, **2022**, 12, 263355652211054