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	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
2	Risk of de novo cancer after premenopausal bilateral oophorectomy. American Journal of Obstetrics and Gynecology, 2022, 226, 539.e1-539.e16.	1.3	6
3	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
4	Adverse childhood experiences and gynaecological surgery. BJOG: an International Journal of Obstetrics and Gynaecology, 2022, , .	2.3	0
5	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
6	A hybrid model to identify fall occurrence from electronic health records. International Journal of Medical Informatics, 2022, 162, 104736.	3.3	10
7	Association of Depression and Anxiety With the Accumulation of Chronic Conditions. JAMA Network Open, 2022, 5, e229817.	5.9	36
8	Time Trends in Unilateral and Bilateral Oophorectomy in a Geographically Defined American Population. Obstetrics and Gynecology, 2022, 139, 724-734.	2.4	8
9	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
10	Multi-morbidity and patient-reported functional limitations: a population-based cohort study. Journal of Multimorbidity and Comorbidity, 2022, 12, 263355652211054.	2.2	1
11	Association of Infant Antibiotic Exposure With Childhood Health Outcomes. Mayo Clinic Proceedings, 2021, 96, 66-77.	3.0	110
12	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
13	Association of Premenopausal Bilateral Oophorectomy With Restless Legs Syndrome. JAMA Network Open, 2021, 4, e2036058.	5.9	8
14	Moving Beyond Reflexive and Prophylactic Gynecologic Surgery. Mayo Clinic Proceedings, 2021, 96, 291-294.	3.0	16
15	Multimorbidity, ageing and mortality: normative data and cohort study in an American population. BMJ Open, 2021, 11, e042633.	1.9	15
16	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‹b›â€“‹/b›84 years old. BMJ Open, 2021, 11, e042870.	1.9	18
17	Risk of de novo severe carpal tunnel syndrome after bilateral oophorectomy: a population-based cohort study. Menopause, 2021, 28, 1026-1036.	2.0	1
18	Longitudinal cohorts for harnessing the electronic health record for disease prediction in a US population. BMJ Open, 2021, 11, e044353.	1.9	14

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19	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
20	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
21	Association of Premenopausal Bilateral Oophorectomy With Cognitive Performance and Risk of Mild Cognitive Impairment. JAMA Network Open, 2021, 4, e2131448.	5.9	26
22	Risk factors of neurovascular ageing in women. Journal of Neuroendocrinology, 2020, 32, e12777.	2.6	12
23	Sex and time: A new complexity in research. Maturitas, 2020, 135, 80-81.	2.4	0
24	Neighborhood socioeconomic disadvantage is associated with multimorbidity in a geographically-defined community. BMC Public Health, 2020, 20, 13.	2.9	54
25	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
26	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
27	Difficult decisions in women at high genetic risk for cancer: toward an individualized approach. Menopause, 2020, 27, 727-729.	2.0	4
28	Identifying incident Parkinson's disease using administrative diagnostic codes: a validation study. Clinical Parkinsonism & Related Disorders, 2020, 3, 100061.	0.9	9
29	Conjugal multiple system atrophy: Be wary of implicating transmissibility. Parkinsonism and Related Disorders, 2020, 75, 121.	2.2	2
30	Reproductive history and progressive multiple sclerosis risk in women. Brain Communications, 2020, 2, fcaa185.	3.3	28
31	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
32	Multimorbidity, functional limitations, and outcomes: Interactions in a population-based cohort of older adults. Journal of Comorbidity, 2019, 9, 2235042X1987348.	3.9	26
33	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
34	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
35	Mental health conditions diagnosed before bilateral oophorectomy: a population-based case-control study. Menopause, 2019, 26, 1395-1404.	2.0	9
36	Association of Bilateral Salpingo-Oophorectomy Before Menopause Onset With Medial Temporal Lobe Neurodegeneration. JAMA Neurology, 2019, 76, 95.	9.0	69

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37	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
38	Brain structure and cognition 3 years after the end of an early menopausal hormone therapy trial. Neurology, 2018, 90, e1404-e1412.	1.1	57
39	Parkinson disease with and without Dementia: A prevalence study and future projections. Movement Disorders, 2018, 33, 537-543.	3.9	63
40	Prevalence of and indications for antipsychotic use in Parkinson's disease. Movement Disorders, 2018, 33, 325-328.	3.9	7
41	Cardiovascular and metabolic morbidity after hysterectomy with ovarian conservation: a cohort study. Menopause, 2018, 25, 483-492.	2.0	82
42	Is multiple system atrophy an infectious disease?. Annals of Neurology, 2018, 83, 10-12.	5.3	16
43	Data Registry on Experiences of Aging, Menopause, and Sexuality (DREAMS): A cohort profile. Maturitas, 2018, 107, 44-49.	2.4	15
44	The future burden of Parkinson's disease. Movement Disorders, 2018, 33, 8-9.	3.9	22
45	F2â€01â€02: PREMENOPAUSAL LOSS OF OVARIAN HORMONES AND DEMENTIA RISK. Alzheimer's and Dementia, 2018, 14, P602.	0.8	0
46	CKD in Patients with Bilateral Oophorectomy. Clinical Journal of the American Society of Nephrology: CJASN, 2018, 13, 1649-1658.	4.5	31
47	The burden of Parkinson's disease: a worldwide perspective. Lancet Neurology, The, 2018, 17, 928-929.	10.2	169
48	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
49	Loss of Ovarian Hormones and Accelerated Somatic and Mental Aging. Physiology, 2018, 33, 374-383.	3.1	35
50	Rochester Epidemiology Project Data Exploration Portal. Preventing Chronic Disease, 2018, 15, E42.	3.4	19
51	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
52	Time, Sex, Gender, History, and Dementia. Alzheimer Disease and Associated Disorders, 2017, 31, 76-79.	1.3	45
53	Survival and Causes of Death Among People With Clinically Diagnosed Synucleinopathies With Parkinsonism. JAMA Neurology, 2017, 74, 839.	9.0	68
54	Linking medical and dental health record data: a partnership with the Rochester Epidemiology Project. BMJ Open, 2017, 7, e012528.	1.9	13

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55	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
56	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
57	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
58	Alzheimer's disease: The next frontierâ€”Special Report 2017. Alzheimer's and Dementia, 2017, 13, 374-380.	0.8	88
59	Adverse childhood experiences and adult abuse are predictors of hysterectomy and oophorectomy. Maturitas, 2017, 106, 95-96.	2.4	8
60	Adverse childhood or adult experiences and risk of bilateral oophorectomy: a population-based caseâ€“control study. BMJ Open, 2017, 7, e016045.	1.9	21
61	Salpingo-oophorectomy at the Time of Benign Hysterectomy: A Systematic Review. Obstetrics and Gynecology, 2017, 129, 202-203.	2.4	10
62	Incidence and time trends of drug-induced parkinsonism: A 30-year population-based study. Movement Disorders, 2017, 32, 227-234.	3.9	71
63	Preeclampsia and ESRD: The Role of Shared Risk Factors. American Journal of Kidney Diseases, 2017, 69, 498-505.	1.9	56
64	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
65	Elective Oophorectomy: Primum Non Nocere. Journal of Women's Health, 2016, 25, 200-202.	3.3	3
66	When Lowest Dose for Shortest Amount of Time Does Not Apply. Journal of Women's Health, 2016, 25, 416-417.	3.3	4
67	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
68	Accelerated Accumulation of Multimorbidity After Bilateral Oophorectomy: A Population-Based Cohort Study. Mayo Clinic Proceedings, 2016, 91, 1577-1589.	3.0	169
69	Effects of hormone therapy on brain structure. Neurology, 2016, 87, 887-896.	1.1	47
70	Trends in the Incidence of Parkinson Diseaseâ€”Reply. JAMA Neurology, 2016, 73, 1498.	9.0	1
71	Early Postmenopausal Transdermal 17Î²-Estradiol Therapy and Amyloid-Î² Deposition. Journal of Alzheimer's Disease, 2016, 53, 547-556.	2.6	94
72	Time Trends in the Incidence of Parkinson Disease. JAMA Neurology, 2016, 73, 981.	9.0	194

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73	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
74	Effect of intellectual enrichment on AD biomarker trajectories. Neurology, 2016, 86, 1128-1135.	1.1	71
75	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
76	Improvement in Cardiovascular Risk Prediction with Electronic Health Records. Journal of Cardiovascular Translational Research, 2016, 9, 214-222.	2.4	38
77	Association of Elevated Amyloid Levels With Cognition and Biomarkers in Cognitively Normal People From the Community. JAMA Neurology, 2016, 73, 85.	9.0	160
78	Sex Differences Research, Precision Medicine, and the Future of Women's Health. Journal of Women's Health, 2015, 24, 969-971.	3.3	42
79	Multimorbidity in Heart Failure: A Community Perspective. American Journal of Medicine, 2015, 128, 38-45.	1.5	172
80	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
81	Vascular and amyloid pathologies are independent predictors of cognitive decline in normal elderly. Brain, 2015, 138, 761-771.	7.6	222
82	Age, Sex, andAPOEÎµ4 Effects on Memory, Brain Structure, and Î²-Amyloid Across the Adult Life Span. JAMA Neurology, 2015, 72, 511.	9.0	305
83	Predicting the risk of mild cognitive impairment in the Mayo Clinic Study of Aging. Neurology, 2015, 84, 1433-1442.	1.1	101
84	Spectrum of cognition short of dementia. Neurology, 2015, 85, 1712-1721.	1.1	67
85	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
86	Clinical epidemiology of Alzheimer’s disease: assessing sex and gender differences. Clinical Epidemiology, 2014, 6, 37.	3.0	703
87	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
88	Is there a link between gynecologic surgeries and Alzheimer disease?. Neurology, 2014, 82, 196-197.	1.1	14
89	Risk of glaucoma after early bilateral oophorectomy. Menopause, 2014, 21, 391-398.	2.0	32
90	Association of Lifetime Intellectual Enrichment With Cognitive Decline in the Older Population. JAMA Neurology, 2014, 71, 1017.	9.0	160

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91	Development of Population Research at Mayo Clinic. Mayo Clinic Proceedings, 2014, 89, e17-e20.	3.0	6
92	Independent comparison of CogState computerized testing and a standard cognitive battery with neuroimaging. Alzheimer's and Dementia, 2014, 10, 779-789.	0.8	26
93	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
94	Prevalence of Multimorbidity in a Geographically Defined American Population. Mayo Clinic Proceedings, 2014, 89, 1336-1349.	3.0	193
95	Oophorectomy, estrogen, and dementia: A 2014 update. Molecular and Cellular Endocrinology, 2014, 389, 7-12.	3.2	178
96	Sex and gender differences in the causes of dementia: A narrative review. Maturitas, 2014, 79, 196-201.	2.4	139
97	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
98	Incidence and Pathology of Synucleinopathies and Tauopathies Related to Parkinsonism. JAMA Neurology, 2013, 70, 859.	9.0	140
99	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
100	Incidence of Dementia With Lewy Bodies and Parkinson Disease Dementia. JAMA Neurology, 2013, 70, 1396.	9.0	250
101	Data Resource Profile: The Rochester Epidemiology Project (REP) medical records-linkage system. International Journal of Epidemiology, 2012, 41, 1614-1624.	1.9	522
102	Hysterectomy, Oophorectomy, Estrogen, and the Risk of Dementia. Neurodegenerative Diseases, 2012, 10, 175-178.	1.4	81
103	Premature menopause or early menopause and risk of ischemic stroke. Menopause, 2012, 19, 272-277.	2.0	146
104	Could estrogen protect younger menopausal women from stroke?. Expert Review of Neurotherapeutics, 2012, 12, 363-365.	2.8	3
105	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
106	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
107	Metabolic markers or conditions preceding Parkinson's disease: A caseâ€control study. Movement Disorders, 2012, 27, 974-979.	3.9	49
108	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

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109	Oophorectomy, menopause, estrogen treatment, and cognitive aging: Clinical evidence for a window of opportunity. Brain Research, 2011, 1379, 188-198.	2.2	223
110	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
111	Oophorectomy, Menopause, Estrogen, and Cognitive Aging: The Timing Hypothesis. Neurodegenerative Diseases, 2010, 7, 163-166.	1.4	91
112	Increased Mortality for Neurological and Mental Diseases following Early Bilateral Oophorectomy. Neuroepidemiology, 2009, 33, 32-40.	2.3	62
113	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
114	Bell's palsy preceding Parkinson's disease: A caseâ€control study. Movement Disorders, 2009, 24, 1530-1533.	3.9	1
115	Increased cardiovascular mortality after early bilateral oophorectomy. Menopause, 2009, 16, 15-23.	2.0	384
116	The Long-Term Effects of Oophorectomy on Cognitive and Motor Aging Are Age Dependent. Neurodegenerative Diseases, 2008, 5, 257-260.	1.4	73
117	Long-term risk of depressive and anxiety symptoms after early bilateral oophorectomy. Menopause, 2008, 15, 1050-1059.	2.0	124
118	Risk of Cognitive Impairment or Dementia in Relatives of Patients With Parkinson Disease. Archives of Neurology, 2007, 64, 1458.	4.5	47
119	Number of children and risk of Parkinson's disease. Movement Disorders, 2007, 22, 632-639.	3.9	12
120	Increased risk of essential tremor in firstâ€degree relatives of patients with Parkinson's disease. Movement Disorders, 2007, 22, 1607-1614.	3.9	81
121	Survival patterns after oophorectomy in premenopausal women: a population-based cohort study. Lancet Oncology, The, 2006, 7, 821-828.	10.7	482
122	Chemical exposures and Parkinson's disease: A population-based caseâ€“control study. Movement Disorders, 2006, 21, 1688-1692.	3.9	85
123	Complex segregation analysis of Parkinson's disease: The Mayo Clinic Family Study. Annals of Neurology, 2006, 59, 788-795.	5.3	41
124	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
125	Risk of cancer after the diagnosis of Parkinson's disease: A historical cohort study. Movement Disorders, 2005, 20, 719-725.	3.9	57
126	The Mayo Clinic Family Study of Parkinsonâ€™s Disease: Study Design, Instruments, and Sample Characteristics. Neuroepidemiology, 2005, 24, 151-167.	2.3	27

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127	Familial aggregation of Parkinson's disease: The Mayo Clinic family study. Annals of Neurology, 2004, 56, 495-502.	5.3	96
128	Hysterectomy, menopause, and estrogen use preceding Parkinson's disease: An exploratory caseâ€control study. Movement Disorders, 2001, 16, 830-837.	3.9	194
129	Caseâ€control study of the extended tau gene haplotype in Parkinson's disease. Annals of Neurology, 2001, 50, 658-661.	5.3	54
130	Anxiety disorders and depressive disorders preceding Parkinson's disease: A case-control study. Movement Disorders, 2000, 15, 669-677.	3.9	407
131	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
132	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
133	Incidence of Medically Recognized Migraine: A 1989-1990 Study in Olmsted County, Minnesota. Headache, 2000, 40, 216-223.	3.9	21
134	Parkinson's disease, smoking and family history. Journal of Neurology, 2000, 247, 793-798.	3.6	32
135	Incidence of Epileptic Syndromes in Rochester, Minnesota: 1980-1984. Epilepsia, 1999, 40, 1708-1714.	5.1	123
136	Risk factors for primary central nervous system lymphoma. , 1998, 82, 975-982.		25
137	Case ascertainment uncertainties in prevalence surveys of Parkinson's disease. Movement Disorders, 1998, 13, 626-632.	3.9	40
138	Risk factors for primary central nervous system lymphoma. Cancer, 1998, 82, 975-982.	4.1	1
139	Prevalence of Parkinson's disease in junÃn, Buenos Aires province, argentina. Movement Disorders, 1997, 12, 197-205.	3.9	77
140	Occupation, education, and Parkinson's disease: A case-control study in an Italian population. Movement Disorders, 1996, 11, 201-206.	3.9	43