

Walter A Rocca

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Identifying Information Gaps in Electronic Health Records by Using Natural Language Processing: Gynecologic Surgery History Identification.. <i>Journal of Medical Internet Research</i> , 2022 , 24, e29015	7.6	1
127	Associations of Neighborhood Socioeconomic Disadvantage With Chronic Conditions by Age, Sex, Race, and Ethnicity in a Population-Based Cohort.. <i>Mayo Clinic Proceedings</i> , 2022 , 97, 57-67	6.4	1
126	A hybrid model to identify fall occurrence from electronic health records.. <i>International Journal of Medical Informatics</i> , 2022 , 162, 104736	5.3	1
125	Association of Depression and Anxiety With the Accumulation of Chronic Conditions.. <i>JAMA Network Open</i> , 2022 , 5, e229817	10.4	5
124	Time Trends in Unilateral and Bilateral Oophorectomy in a Geographically Defined American Population.. <i>Obstetrics and Gynecology</i> , 2022 , 139, 724-734	4.9	1
123	Multi-morbidity and patient-reported functional limitations: a population-based cohort study. <i>Journal of Multimorbidity and Comorbidity</i> , 2022 , 12, 263355652211054		
122	Association of Premenopausal Bilateral Oophorectomy With Cognitive Performance and Risk of Mild Cognitive Impairment. <i>JAMA Network Open</i> , 2021 , 4, e2131448	10.4	5
121	Multimorbidity, ageing and mortality: normative data and cohort study in an American population. <i>BMJ Open</i> , 2021 , 11, e042633	3	5
120	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 4084 years old. <i>BMJ Open</i> , 2021 , 11, e042870	3	5
119	Risk of de novo severe carpal tunnel syndrome after bilateral oophorectomy: a population-based cohort study. <i>Menopause</i> , 2021 , 28, 1026-1036	2.5	
118	Longitudinal cohorts for harnessing the electronic health record for disease prediction in a US population. <i>BMJ Open</i> , 2021 , 11, e044353	3	2
117	Cardiometabolic Outcomes and Mortality in Patients with Adrenal Adenomas in a Population-based Setting. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, 3320-3330	5.6	1
116	Association of Infant Antibiotic Exposure With Childhood Health Outcomes. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 66-77	6.4	33
115	Association of adverse childhood experiences with menopausal symptoms: Results from the Data Registry on Experiences of Aging, Menopause and Sexuality (DREAMS). <i>Maturitas</i> , 2021 , 143, 209-215	5	2
114	Association of Premenopausal Bilateral Oophorectomy With Restless Legs Syndrome. <i>JAMA Network Open</i> , 2021 , 4, e2036058	10.4	4
113	Moving Beyond Reflexive and Prophylactic Gynecologic Surgery. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 291-294	6.4	7
112	Factors Associated With Severe COVID-19 Infection Among Persons of Different Ages Living in a Defined Midwestern US Population. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 2528-2539	6.4	0

111	Ascertainment of delirium status using natural language processing from electronic health records. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020 ,	6.4	3
110	Conjugal multiple system atrophy: Be wary of implicating transmissibility. <i>Parkinsonism and Related Disorders</i> , 2020 , 75, 121	3.6	2
109	Reproductive history and progressive multiple sclerosis risk in women. <i>Brain Communications</i> , 2020 , 2, fcaa185	4.5	7
108	Neighborhood socioeconomic disadvantage is associated with multimorbidity in a geographically-defined community. <i>BMC Public Health</i> , 2020 , 20, 13	4.1	19
107	Long-term risk of de novo mental health conditions after hysterectomy with ovarian conservation: a cohort study. <i>Menopause</i> , 2020 , 27, 33-42	2.5	11
106	Epidemiology of adrenal tumours in Olmsted County, Minnesota, USA: a population-based cohort study. <i>Lancet Diabetes and Endocrinology</i> , 2020 , 8, 894-902	18.1	40
105	Risk factors of neurovascular ageing in women. <i>Journal of Neuroendocrinology</i> , 2020 , 32, e12777	3.8	3
104	Multimorbidity, functional limitations, and outcomes: Interactions in a population-based cohort of older adults. <i>Journal of Comorbidity</i> , 2019 , 9, 2235042X19873486	4	13
103	Historical vignette: Leonard T. Kurland, FACE (1921-2001), the rise of neuroepidemiology, and the Rochester Epidemiology Project. <i>Annals of Epidemiology</i> , 2019 , 37, 1-3	6.4	
102	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> , 2019 , 321, 2316-2325	27.4	115
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> , 2019 ,	17.2	106
100	Mental health conditions diagnosed before bilateral oophorectomy: a population-based case-control study. <i>Menopause</i> , 2019 , 26, 1395-1404	2.5	5
99	Association of Bilateral Salpingo-Oophorectomy Before Menopause Onset With Medial Temporal Lobe Neurodegeneration. <i>JAMA Neurology</i> , 2019 , 76, 95-100	17.2	35
98	Data Resource Profile: Expansion of the Rochester Epidemiology Project medical records-linkage system (E-REP). <i>International Journal of Epidemiology</i> , 2018 , 47, 368-368j	7.8	67
97	Brain structure and cognition 3 years after the end of an early menopausal hormone therapy trial. <i>Neurology</i> , 2018 , 90, e1404-e1412	6.5	35
96	Parkinson disease with and without Dementia: A prevalence study and future projections. <i>Movement Disorders</i> , 2018 , 33, 537-543	7	38
95	Prevalence of and indications for antipsychotic use in Parkinson's disease. <i>Movement Disorders</i> , 2018 , 33, 325-328	7	1
94	Cardiovascular and metabolic morbidity after hysterectomy with ovarian conservation: a cohort study. <i>Menopause</i> , 2018 , 25, 483-492	2.5	41

93	Data Registry on Experiences of Aging, Menopause, and Sexuality (DREAMS): A cohort profile. <i>Maturitas</i> , 2018 , 107, 44-49	5	8
92	Rochester Epidemiology Project Data Exploration Portal. <i>Preventing Chronic Disease</i> , 2018 , 15, E42	3.7	12
91	F2-01-02: PREMENOPAUSAL LOSS OF OVARIAN HORMONES AND DEMENTIA RISK 2018 , 14, P602-P602		
90	CKD in Patients with Bilateral Oophorectomy. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2018 , 13, 1649-1658	6.9	18
89	The burden of Parkinson's disease: a worldwide perspective. <i>Lancet Neurology</i> , 2018 , 17, 928-929	24.1	89
88	Personal, reproductive, and familial characteristics associated with bilateral oophorectomy in premenopausal women: A population-based case-control study. <i>Maturitas</i> , 2018 , 117, 64-77	5	8
87	Loss of Ovarian Hormones and Accelerated Somatic and Mental Aging. <i>Physiology</i> , 2018 , 33, 374-383	9.8	21
86	Bilateral Oophorectomy and Accelerated Aging: Cause or Effect?. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 1213-1217	6.4	50
85	Time, Sex, Gender, History, and Dementia. <i>Alzheimer Disease and Associated Disorders</i> , 2017 , 31, 76-79	2.5	29
84	Survival and Causes of Death Among People With Clinically Diagnosed Synucleinopathies With Parkinsonism: A Population-Based Study. <i>JAMA Neurology</i> , 2017 , 74, 839-846	17.2	46
83	Linking medical and dental health record data: a partnership with the Rochester Epidemiology Project. <i>BMJ Open</i> , 2017 , 7, e012528	3	10
82	Age-specific and sex-specific prevalence of cerebral amyloidosis, tauopathy, and neurodegeneration in cognitively unimpaired individuals aged 50-95 years: a cross-sectional study. <i>Lancet Neurology</i> , 2017 , 16, 435-444	24.1	174
81	Response to Letter by Friedman on "Incidence and time trends of drug-induced parkinsonism: A 30-year population-based study". <i>Movement Disorders</i> , 2017 , 32, 1111-1112	7	
80	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> , 2017 ,	6.4	11
79	Alzheimer's disease: The next frontier-Special Report 2017. <i>Alzheimer's and Dementia</i> , 2017 , 13, 374-380	1.2	60
78	Adverse childhood or adult experiences and risk of bilateral oophorectomy: a population-based case-control study. <i>BMJ Open</i> , 2017 , 7, e016045	3	13
77	Salpingo-oophorectomy at the Time of Benign Hysterectomy: A Systematic Review. <i>Obstetrics and Gynecology</i> , 2017 , 129, 202-203	4.9	10
76	Incidence and time trends of drug-induced parkinsonism: A 30-year population-based study. <i>Movement Disorders</i> , 2017 , 32, 227-234	7	54

75	Preeclampsia and ESRD: The Role of Shared Risk Factors. <i>American Journal of Kidney Diseases</i> , 2017 , 69, 498-505	7.4	39
74	Cohort profile: the Mayo Clinic Cohort Study of Oophorectomy and Aging-2 (MOA-2) in Olmsted County, Minnesota (USA). <i>BMJ Open</i> , 2017 , 7, e018861	3	22
73	Effects of hormone therapy on brain structure: A randomized controlled trial. <i>Neurology</i> , 2016 , 87, 887-965	9.5	33
72	Trends in the Incidence of Parkinson Disease-Reply. <i>JAMA Neurology</i> , 2016 , 73, 1498-1499	17.2	0
71	Early Postmenopausal Transdermal 17β-Estradiol Therapy and Amyloid-β Deposition. <i>Journal of Alzheimer's Disease</i> , 2016 , 53, 547-56	4.3	70
70	Time Trends in the Incidence of Parkinson Disease. <i>JAMA Neurology</i> , 2016 , 73, 981-9	17.2	134
69	Transition rates between amyloid and neurodegeneration biomarker states and to dementia: a population-based, longitudinal cohort study. <i>Lancet Neurology</i> , 2016 , 15, 56-64	24.1	82
68	Effect of intellectual enrichment on AD biomarker trajectories: Longitudinal imaging study. <i>Neurology</i> , 2016 , 86, 1128-35	6.5	55
67	Long-term risk of myocardial infarction and stroke in bipolar I disorder: A population-based Cohort Study. <i>Journal of Affective Disorders</i> , 2016 , 194, 120-7	6.6	16
66	Improvement in Cardiovascular Risk Prediction with Electronic Health Records. <i>Journal of Cardiovascular Translational Research</i> , 2016 , 9, 214-222	3.3	27
65	Association of Elevated Amyloid Levels With Cognition and Biomarkers in Cognitively Normal People From the Community. <i>JAMA Neurology</i> , 2016 , 73, 85-92	17.2	129
64	Elective Oophorectomy: Primum Non Nocere. <i>Journal of Women's Health</i> , 2016 , 25, 200-2	3	2
63	When Lowest Dose for Shortest Amount of Time Does Not Apply. <i>Journal of Women's Health</i> , 2016 , 25, 416-7	3	3
62	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> , 2016 , 71, 1483-1491	6.4	30
61	Accelerated Accumulation of Multimorbidity After Bilateral Oophorectomy: A Population-Based Cohort Study. <i>Mayo Clinic Proceedings</i> , 2016 , 91, 1577-1589	6.4	113
60	Risk of developing multimorbidity across all ages in an historical cohort study: differences by sex and ethnicity. <i>BMJ Open</i> , 2015 , 5, e006413	3	122
59	Vascular and amyloid pathologies are independent predictors of cognitive decline in normal elderly. <i>Brain</i> , 2015 , 138, 761-71	11.2	173
58	Age, Sex, and APOE ε Effects on Memory, Brain Structure, and β-Amyloid Across the Adult Life Span. <i>JAMA Neurology</i> , 2015 , 72, 511-9	17.2	229

57	Predicting the risk of mild cognitive impairment in the Mayo Clinic Study of Aging. <i>Neurology</i> , 2015 , 84, 1433-42	6.5	71
56	Spectrum of cognition short of dementia: Framingham Heart Study and Mayo Clinic Study of Aging. <i>Neurology</i> , 2015 , 85, 1712-21	6.5	52
55	Sex Differences Research, Precision Medicine, and the Future of Women's Health. <i>Journal of Women's Health</i> , 2015 , 24, 969-71	3	25
54	Multimorbidity in heart failure: a community perspective. <i>American Journal of Medicine</i> , 2015 , 128, 38-45	2.4	123
53	Independent comparison of CogState computerized testing and a standard cognitive battery with neuroimaging. <i>Alzheimer's and Dementia</i> , 2014 , 10, 779-89	1.2	19
52	Age-specific population frequencies of cerebral amyloidosis and neurodegeneration among people with normal cognitive function aged 50-89 years: a cross-sectional study. <i>Lancet Neurology</i> , 2014 , 13, 997-1005	24.1	246
51	Prevalence of multimorbidity in a geographically defined American population: patterns by age, sex, and race/ethnicity. <i>Mayo Clinic Proceedings</i> , 2014 , 89, 1336-49	6.4	151
50	Oophorectomy, estrogen, and dementia: a 2014 update. <i>Molecular and Cellular Endocrinology</i> , 2014 , 389, 7-12	4.4	131
49	Sex and gender differences in the causes of dementia: a narrative review. <i>Maturitas</i> , 2014 , 79, 196-201	5	103
48	An electronic health record driven algorithm to identify incident antidepressant medication users. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014 , 21, 785-91	8.6	7
47	Clinical epidemiology of Alzheimer's disease: assessing sex and gender differences. <i>Clinical Epidemiology</i> , 2014 , 6, 37-48	5.9	521
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> , 2014 , 17, 485-92	5	17
45	Risk of glaucoma after early bilateral oophorectomy. <i>Menopause</i> , 2014 , 21, 391-8	2.5	23
44	Association of lifetime intellectual enrichment with cognitive decline in the older population. <i>JAMA Neurology</i> , 2014 , 71, 1017-24	17.2	123
43	Development of population research at Mayo Clinic. <i>Mayo Clinic Proceedings</i> , 2014 , 89, e17-20	6.4	4
42	Incidence and pathology of synucleinopathies and tauopathies related to parkinsonism. <i>JAMA Neurology</i> , 2013 , 70, 859-66	17.2	103
41	Risk factors for Parkinson's disease may differ in men and women: an exploratory study. <i>Hormones and Behavior</i> , 2013 , 63, 308-14	3.7	40
40	Incidence of dementia with Lewy bodies and Parkinson disease dementia. <i>JAMA Neurology</i> , 2013 , 70, 1396-402	17.2	185

39	History of the Rochester Epidemiology Project: half a century of medical records linkage in a US population. <i>Mayo Clinic Proceedings</i> , 2012 , 87, 1202-13	6.4	567
38	Generalizability of epidemiological findings and public health decisions: an illustration from the Rochester Epidemiology Project. <i>Mayo Clinic Proceedings</i> , 2012 , 87, 151-60	6.4	456
37	Metabolic markers or conditions preceding Parkinson's disease: a case-control study. <i>Movement Disorders</i> , 2012 , 27, 974-9	7	30
36	Data resource profile: the Rochester Epidemiology Project (REP) medical records-linkage system. <i>International Journal of Epidemiology</i> , 2012 , 41, 1614-24	7.8	421
35	Hysterectomy, oophorectomy, estrogen, and the risk of dementia. <i>Neurodegenerative Diseases</i> , 2012 , 10, 175-8	2.3	62
34	Premature menopause or early menopause and risk of ischemic stroke. <i>Menopause</i> , 2012 , 19, 272-7	2.5	114
33	Trends in the incidence and prevalence of Alzheimer's disease, dementia, and cognitive impairment in the United States. <i>Alzheimer's and Dementia</i> , 2011 , 7, 80-93	1.2	322
32	Oophorectomy, menopause, estrogen treatment, and cognitive aging: clinical evidence for a window of opportunity. <i>Brain Research</i> , 2011 , 1379, 188-98	3.7	185
31	Use of a medical records linkage system to enumerate a dynamic population over time: the Rochester epidemiology project. <i>American Journal of Epidemiology</i> , 2011 , 173, 1059-68	3.8	476
30	Oophorectomy, menopause, estrogen, and cognitive aging: the timing hypothesis. <i>Neurodegenerative Diseases</i> , 2010 , 7, 163-6	2.3	83
29	Increased mortality for neurological and mental diseases following early bilateral oophorectomy. <i>Neuroepidemiology</i> , 2009 , 33, 32-40	5.4	55
28	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> , 2009 , 5, 39-48	3	91
27	Bell's palsy preceding Parkinson's disease: a case-control study. <i>Movement Disorders</i> , 2009 , 24, 1530-3	7	1
26	Increased cardiovascular mortality after early bilateral oophorectomy. <i>Menopause</i> , 2009 , 16, 15-23	2.5	302
25	The long-term effects of oophorectomy on cognitive and motor aging are age dependent. <i>Neurodegenerative Diseases</i> , 2008 , 5, 257-60	2.3	56
24	Long-term risk of depressive and anxiety symptoms after early bilateral oophorectomy. <i>Menopause</i> , 2008 , 15, 1050-9	2.5	111
23	Number of children and risk of Parkinson's disease. <i>Movement Disorders</i> , 2007 , 22, 632-9	7	10
22	Increased risk of essential tremor in first-degree relatives of patients with Parkinson's disease. <i>Movement Disorders</i> , 2007 , 22, 1607-14	7	69

21	Risk of cognitive impairment or dementia in relatives of patients with Parkinson disease. <i>Archives of Neurology</i> , 2007 , 64, 1458-64		32
20	Chemical exposures and Parkinson's disease: a population-based case-control study. <i>Movement Disorders</i> , 2006 , 21, 1688-92	7	72
19	Complex segregation analysis of Parkinson's disease: The Mayo Clinic Family Study. <i>Annals of Neurology</i> , 2006 , 59, 788-95	9.4	35
18	The Mayo Clinic cohort study of personality and aging: design and sampling, reliability and validity of instruments, and baseline description. <i>Neuroepidemiology</i> , 2006 , 26, 119-29	5.4	7
17	Survival patterns after oophorectomy in premenopausal women: a population-based cohort study. <i>Lancet Oncology</i> , 2006 , 7, 821-8	21.7	398
16	The Mayo Clinic family study of Parkinson's disease: study design, instruments, and sample characteristics. <i>Neuroepidemiology</i> , 2005 , 24, 151-67	5.4	26
15	Risk of cancer after the diagnosis of Parkinson's disease: a historical cohort study. <i>Movement Disorders</i> , 2005 , 20, 719-25	7	48
14	Familial aggregation of Parkinson's disease: The Mayo Clinic family study. <i>Annals of Neurology</i> , 2004 , 56, 495-502	9.4	75
13	Hysterectomy, menopause, and estrogen use preceding Parkinson's disease: an exploratory case-control study. <i>Movement Disorders</i> , 2001 , 16, 830-7	7	153
12	Case-Control study of the extended tau gene haplotype in Parkinson's disease. <i>Annals of Neurology</i> , 2001 , 50, 658-61	9.4	48
11	Anxiety disorders and depressive disorders preceding Parkinson's disease: a case-control study. <i>Movement Disorders</i> , 2000 , 15, 669-77	7	347
10	Case-control study of debrisoquine 4-hydroxylase, N-acetyltransferase 2, and apolipoprotein E gene polymorphisms in Parkinson's disease. <i>Movement Disorders</i> , 2000 , 15, 714-9	7	41
9	Influence of strict, intermediate, and broad diagnostic criteria on the age- and sex-specific incidence of Parkinson's disease. <i>Movement Disorders</i> , 2000 , 15, 819-25	7	100
8	Incidence of medically recognized migraine: A 1989-1990 study in Olmsted County, Minnesota. <i>Headache</i> , 2000 , 40, 216-23	4.2	17
7	Parkinson's disease, smoking, and family history. EUROPARKINSON Study Group. <i>Journal of Neurology</i> , 2000 , 247, 793-8	5.5	25
6	Incidence of epileptic syndromes in Rochester, Minnesota: 1980-1984. <i>Epilepsia</i> , 1999 , 40, 1708-14	6.4	94
5	Risk factors for primary central nervous system lymphoma 1998 , 82, 975-982		20
4	Case ascertainment uncertainties in prevalence surveys of Parkinson's disease. <i>Movement Disorders</i> , 1998 , 13, 626-32	7	38

3	Risk factors for primary central nervous system lymphoma 1998 , 82, 975		1
2	Prevalence of Parkinson's disease in JunĀ, Buenos Aires Province, Argentina. <i>Movement Disorders</i> , 1997 , 12, 197-205	7	65
1	Occupation, education, and Parkinson's disease: a case-control study in an Italian population. <i>Movement Disorders</i> , 1996 , 11, 201-6	7	32