

K Arnold Chan

List of Publications by Citations

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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.

113
papers

8,281
citations

45
h-index

90
g-index

115
ext. papers

9,139
ext. citations

6.2
avg, IF

5.45
L-index

#	Paper	IF	Citations
113	Methods for evaluation of medication adherence and persistence using automated databases. <i>Pharmacoepidemiology and Drug Safety</i> , 2006 , 15, 565-74; discussion 575-7	2.6	726
112	Incidence of hospitalized rhabdomyolysis in patients treated with lipid-lowering drugs. <i>JAMA - Journal of the American Medical Association</i> , 2004 , 292, 2585-90	27.4	639
111	Results of multivariable logistic regression, propensity matching, propensity adjustment, and propensity-based weighting under conditions of nonuniform effect. <i>American Journal of Epidemiology</i> , 2006 , 163, 262-70	3.8	521
110	Prescription drug use in pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2004 , 191, 398-407	6.4	417
109	Comparison of drug adherence rates among patients with seven different medical conditions. <i>Pharmacotherapy</i> , 2008 , 28, 437-43	5.8	396
108	Inhibitors of hydroxymethylglutaryl-coenzyme A reductase and risk of fracture among older women. <i>Lancet, The</i> , 2000 , 355, 2185-8	40	333
107	Use of a claims-based active drug safety surveillance system to assess the risk of acute pancreatitis with exenatide or sitagliptin compared to metformin or glyburide. <i>Current Medical Research and Opinion</i> , 2009 , 25, 1019-27	2.5	277
106	ADHD drugs and serious cardiovascular events in children and young adults. <i>New England Journal of Medicine</i> , 2011 , 365, 1896-904	59.2	274
105	Inhibition of clinical benefits of aspirin on first myocardial infarction by nonsteroidal antiinflammatory drugs. <i>Circulation</i> , 2003 , 108, 1191-5	16.7	214
104	The risk of herpes zoster in patients with rheumatoid arthritis in the United States and the United Kingdom. <i>Arthritis and Rheumatism</i> , 2007 , 57, 1431-8		210
103	Low frequency of treatment of osteoporosis among postmenopausal women following a fracture. <i>Archives of Internal Medicine</i> , 2003 , 163, 2052-7		194
102	Contraindicated use of cisapride: impact of food and drug administration regulatory action. <i>JAMA - Journal of the American Medical Association</i> , 2000 , 284, 3036-9	27.4	180
101	ADHD medications and risk of serious cardiovascular events in young and middle-aged adults. <i>JAMA - Journal of the American Medical Association</i> , 2011 , 306, 2673-83	27.4	175
100	The new Sentinel Network--improving the evidence of medical-product safety. <i>New England Journal of Medicine</i> , 2009 , 361, 645-7	59.2	171
99	Efficacy of maternal tenofovir disoproxil fumarate in interrupting mother-to-infant transmission of hepatitis B virus. <i>Hepatology</i> , 2015 , 62, 375-86	11.2	167
98	Hormone therapy prescribing patterns in the United States. <i>Obstetrics and Gynecology</i> , 2004 , 104, 1042-50	40	166
97	Association of thiazolidinediones with liver cancer and colorectal cancer in type 2 diabetes mellitus. <i>Hepatology</i> , 2012 , 55, 1462-72	11.2	137

96	Statin use and risk of prostate cancer in the California Men's Health Study cohort. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007 , 16, 2218-25	4	118
95	Reduction in antibiotic use among US children, 1996-2000. <i>Pediatrics</i> , 2003 , 112, 620-7	7.4	118
94	Systematic review and meta-analysis of the tolerability and hepatotoxicity of antifungals in empirical and definitive therapy for invasive fungal infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 2409-19	5.9	114
93	Long-term statin use and psychological well-being. <i>Journal of the American College of Cardiology</i> , 2003 , 42, 690-7	15.1	107
92	Sex differences in gout epidemiology: evaluation and treatment. <i>Annals of the Rheumatic Diseases</i> , 2006 , 65, 1368-72	2.4	98
91	Use of prescription medications with a potential for fetal harm among pregnant women. <i>Pharmacoepidemiology and Drug Safety</i> , 2006 , 15, 546-54	2.6	97
90	Early detection of adverse drug events within population-based health networks: application of sequential testing methods. <i>Pharmacoepidemiology and Drug Safety</i> , 2007 , 16, 1275-84	2.6	94
89	Risk factors for statin-associated rhabdomyolysis. <i>Pharmacoepidemiology and Drug Safety</i> , 2007 , 16, 352-86	2.6	84
88	Estimation of the period prevalence of inflammatory bowel disease among nine health plans using computerized diagnoses and outpatient pharmacy dispensings. <i>Inflammatory Bowel Diseases</i> , 2007 , 13, 451-61	4.5	78
87	Ribavirin for patients with Crimean-Congo haemorrhagic fever: a systematic review and meta-analysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 1215-22	5.1	76
86	Validity of gout diagnoses in administrative data. <i>Arthritis and Rheumatism</i> , 2007 , 57, 103-8		74
85	Compliance with a statin treatment in a usual-care setting: retrospective database analysis over 3 years after treatment initiation in health maintenance organization enrollees with dyslipidemia. <i>Clinical Therapeutics</i> , 2005 , 27, 1639-46	3.5	71
84	Potentially inappropriate medication use by elderly persons in U.S. Health Maintenance Organizations, 2000-2001. <i>Journal of the American Geriatrics Society</i> , 2005 , 53, 227-32	5.6	71
83	FDA drug prescribing warnings: is the black box half empty or half full?. <i>Pharmacoepidemiology and Drug Safety</i> , 2006 , 15, 369-86	2.6	70
82	Chronic disease score as a predictor of hospitalization. <i>Epidemiology</i> , 2002 , 13, 340-6	3.1	70
81	Multicenter epidemiologic and health services research on therapeutics in the HMO Research Network Center for Education and Research on Therapeutics. <i>Pharmacoepidemiology and Drug Safety</i> , 2001 , 10, 373-7	2.6	67
80	Risks of cardiac arrhythmia and mortality among patients using new-generation macrolides, fluoroquinolones, and β -lactam/ β -lactamase inhibitors: a Taiwanese nationwide study. <i>Clinical Infectious Diseases</i> , 2015 , 60, 566-77	11.6	62
79	Laboratory monitoring of potassium and creatinine in ambulatory patients receiving angiotensin converting enzyme inhibitors and angiotensin receptor blockers. <i>Pharmacoepidemiology and Drug Safety</i> , 2007 , 16, 55-64	2.6	61

78	A prospective, claims-based assessment of the risk of pancreatitis and pancreatic cancer with liraglutide compared to other antidiabetic drugs. <i>Diabetes, Obesity and Metabolism</i> , 2014 , 16, 273-5	6.7	56
77	A cohort study of the incidence of serious acute liver injury in diabetic patients treated with hypoglycemic agents. <i>Archives of Internal Medicine</i> , 2003 , 163, 728-34		54
76	Topiramate use in pregnancy and the birth prevalence of oral clefts. <i>Pharmacoepidemiology and Drug Safety</i> , 2014 , 23, 1017-25	2.6	52
75	Laboratory monitoring of drugs at initiation of therapy in ambulatory care. <i>Journal of General Internal Medicine</i> , 2005 , 20, 1120-6	4	50
74	Asthma drug use and the development of Churg-Strauss syndrome (CSS). <i>Pharmacoepidemiology and Drug Safety</i> , 2007 , 16, 620-6	2.6	49
73	Increased use of second-generation macrolide antibiotics for children in nine health plans in the United States. <i>Pediatrics</i> , 2004 , 114, 1206-11	7.4	49
72	Medication adherence and use of generic drug therapies. <i>American Journal of Managed Care</i> , 2009 , 15, 450-6	2.1	49
71	Drug safety data mining with a tree-based scan statistic. <i>Pharmacoepidemiology and Drug Safety</i> , 2013 , 22, 517-23	2.6	46
70	Validation of diagnoses of peptic ulcers and bleeding from administrative databases: a multi-health maintenance organization study. <i>Journal of Clinical Epidemiology</i> , 2002 , 55, 310-3	5.7	46
69	Incidence of rheumatoid arthritis in central Massachusetts. <i>Arthritis and Rheumatism</i> , 1993 , 36, 1691-6		46
68	Adverse events associated with prolonged antibiotic use. <i>Pharmacoepidemiology and Drug Safety</i> , 2008 , 17, 523-32	2.6	45
67	Frequency of high-risk use of QT-prolonging medications. <i>Pharmacoepidemiology and Drug Safety</i> , 2006 , 15, 361-8	2.6	44
66	Gastric and duodenal safety of daily alendronate. <i>Archives of Internal Medicine</i> , 2002 , 162, 936-42		43
65	An Asian multicenter clinical trial to assess the efficacy and tolerability of acarbose compared with placebo in type 2 diabetic patients previously treated with diet. Asian Acarbose Study Group. <i>Diabetes Care</i> , 1998 , 21, 1058-61	14.6	43
64	Health plan administrative databases can efficiently identify serious myopathy and rhabdomyolysis. <i>Journal of Clinical Epidemiology</i> , 2005 , 58, 171-4	5.7	41
63	Meta-analysis: ribavirin-induced haemolytic anaemia in patients with chronic hepatitis C. <i>Alimentary Pharmacology and Therapeutics</i> , 2002 , 16, 1623-32	6.1	39
62	Patterns of interchange in the dispensing of non-steroidal anti-inflammatory drugs. <i>Journal of Clinical Epidemiology</i> , 1992 , 45, 187-95	5.7	38
61	Pooling overdispersed binomial data to estimate event rate. <i>BMC Medical Research Methodology</i> , 2008 , 8, 58	4.7	37

60	The thiazolidinediones rosiglitazone and pioglitazone and the risk of coronary heart disease: a retrospective cohort study using a US health insurance database. <i>Clinical Therapeutics</i> , 2009 , 31, 2665-77	3.5	36
59	A distributed research network model for post-marketing safety studies: the Meningococcal Vaccine Study. <i>Pharmacoepidemiology and Drug Safety</i> , 2008 , 17, 1226-34	2.6	35
58	Risk of Guillain-Barré syndrome after meningococcal conjugate vaccination. <i>Pharmacoepidemiology and Drug Safety</i> , 2012 , 21, 1350-8	2.6	33
57	Risk factors for recurrence in patients with stage IB, IIA, and IIB cervical carcinoma after radical hysterectomy and postoperative pelvic irradiation. <i>Obstetrics and Gynecology</i> , 1996 , 88, 274-9	4.9	32
56	Early adverse drug event signal detection within population-based health networks using sequential methods: key methodologic considerations. <i>Pharmacoepidemiology and Drug Safety</i> , 2009 , 18, 226-34	2.6	30
55	Burden of asthma and COPD overlap (ACO) in Taiwan: a nationwide population-based study. <i>BMC Pulmonary Medicine</i> , 2018 , 18, 16	3.5	29
54	Acute Respiratory Infection and Use of Nonsteroidal Anti-Inflammatory Drugs on Risk of Acute Myocardial Infarction: A Nationwide Case-Crossover Study. <i>Journal of Infectious Diseases</i> , 2017 , 215, 5037-509	7.5	29
53	Laboratory evaluation of potassium and creatinine among ambulatory patients prescribed spironolactone: are we monitoring for hyperkalemia?. <i>Annals of Pharmacotherapy</i> , 2007 , 41, 193-200	2.9	27
52	Potential drug-drug interactions in the outpatient setting. <i>Medical Care</i> , 2006 , 44, 534-41	3.1	27
51	Impact of alcohol consumption and cigarette smoking on stroke among the elderly in Taiwan. <i>Stroke</i> , 1995 , 26, 790-4	6.7	26
50	Development and validation of a pharmacy-based comorbidity measure in a population-based automated health care database. <i>Pharmacotherapy</i> , 2013 , 33, 126-36	5.8	23
49	Active influenza vaccine safety surveillance: potential within a healthcare claims environment. <i>Medical Care</i> , 2009 , 47, 1251-7	3.1	22
48	Use of nonsteroidal antiinflammatory drugs and non-Hodgkin lymphoma: a population-based case-control study. <i>American Journal of Epidemiology</i> , 2006 , 164, 497-504	3.8	22
47	Comparative Effectiveness and Safety of Dabigatran and Rivaroxaban in Atrial Fibrillation Patients. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	19
46	Algorithms for identification of Guillain-Barré syndrome among adolescents in claims databases. <i>Vaccine</i> , 2013 , 31, 2075-9	4.1	17
45	Impacts of drug reimbursement reductions on utilization and expenditures of oral antidiabetic medications in Taiwan: an interrupted time series study. <i>Health Policy</i> , 2014 , 116, 196-205	3.2	16
44	Frequency of serum creatinine monitoring during allopurinol therapy in ambulatory patients. <i>Annals of Pharmacotherapy</i> , 2006 , 40, 386-91	2.9	16
43	Exposure misclassification as a result of free sample drug utilization in automated claims databases and its effect on a pharmacoepidemiology study of selective COX-2 inhibitors. <i>Pharmacoepidemiology and Drug Safety</i> , 2004 , 13, 695-702	2.6	16

42	Evaluating the safety of influenza vaccine using a claims-based health system. <i>Vaccine</i> , 2013 , 31, 5975-82.	4.1	15
41	Drug Adverse Event Detection in Health Plan Data Using the Gamma Poisson Shrinker and Comparison to the Tree-based Scan Statistic. <i>Pharmaceutics</i> , 2013 , 5, 179-200	6.4	15
40	Statin use and risk of colorectal cancer in a cohort of middle-aged men in the US: a prospective cohort study. <i>Drugs</i> , 2009 , 69, 1445-57	12.1	14
39	Pregnancy-associated breast cancer in Taiwanese women: potential treatment delay and impact on survival. <i>PLoS ONE</i> , 2014 , 9, e111934	3.7	13
38	The impact of comorbidities on hormone use. After the 2000 release of the Women's Health Initiative. <i>Journal of General Internal Medicine</i> , 2005 , 20, 350-6	4	13
37	Topiramate use during pregnancy and major congenital malformations in multiple populations. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2015 , 103, 269-75		12
36	Hormone therapy initiation after the Women's Health Initiative. <i>Menopause</i> , 2008 , 15, 487-93	2.5	12
35	An equilibrium model of drug utilization. <i>Journal of Clinical Epidemiology</i> , 1993 , 46, 113-21	5.7	12
34	Incidence of health insurance claims for thyroid neoplasm and pancreatic malignancy in association with exenatide: signal refinement using active safety surveillance. <i>Therapeutic Advances in Drug Safety</i> , 2012 , 3, 157-64	3.5	11
33	Liver function testing in patients on HMG-CoA reductase inhibitors. <i>Pharmacoepidemiology and Drug Safety</i> , 2003 , 12, 307-13	2.6	11
32	The safety and efficacy of gefitinib versus platinum-based doublets chemotherapy as the first-line treatment for advanced non-small-cell lung cancer patients in East Asia: a meta-analysis. <i>Lung Cancer</i> , 2008 , 62, 242-52	5.9	9
31	Utilization and comparative effectiveness of caspofungin and voriconazole early after market approval in the U.S. <i>PLoS ONE</i> , 2014 , 9, e83658	3.7	9
30	An economic evaluation of a laboratory monitoring program for renin-angiotensin system agents. <i>Medical Decision Making</i> , 2011 , 31, 315-24	2.5	8
29	Harvard Pilgrim Health Care/Harvard Vanguard Medical Associates		8
28	Risk of ischemic stroke during the initiation period of ß-blocker therapy among older men. <i>Cmaj</i> , 2016 , 188, 255-260	3.5	8
27	Identification of patients with Churg-Strauss syndrome (CSS) using automated data. <i>Pharmacoepidemiology and Drug Safety</i> , 2004 , 13, 661-7	2.6	7
26	Class effect of beta-blockers in survivors of ST-elevation myocardial infarction: A nationwide cohort study using an insurance claims database. <i>Scientific Reports</i> , 2015 , 5, 13692	4.9	6
25	Re-evaluating Safety and Effectiveness of Dabigatran Versus Warfarin in a Nationwide Data Environment: A Prevalent New-User Design Study. <i>Drugs - Real World Outcomes</i> , 2019 , 6, 93-104	2.2	5

24	Identification of seizures among adults and children following influenza vaccination using health insurance claims data. <i>Vaccine</i> , 2013 , 31, 5997-6002	4.1	5
23	Clinical outcomes in low risk coronary artery disease patients treated with different limus-based drug-eluting stents--a nationwide retrospective cohort study using insurance claims database. <i>PLoS ONE</i> , 2015 , 10, e0122860	3.7	5
22	Effects of atorvastatin and rosuvastatin on renal function in patients with type 2 diabetes mellitus. <i>American Journal of Cardiology</i> , 2015 , 115, 619-24	3	5
21	Variation in hepatitis B immunization coverage rates associated with provider practices after the temporary suspension of the birth dose. <i>BMC Pediatrics</i> , 2006 , 6, 31	2.6	5
20	Impact of the introduction of pneumococcal conjugate vaccine on immunization coverage among infants. <i>BMC Pediatrics</i> , 2005 , 5, 43	2.6	5
19	Global covid-19 vaccine rollout and safety surveillance-how to keep pace. <i>BMJ, The</i> , 2021 , 373, n1416	5.9	5
18	Population-Based Cohort Study Reveals Distinct Associations Between Female Lung Cancer and Breast Cancer in Taiwan. <i>JCO Clinical Cancer Informatics</i> , 2018 , 2, 1-14	5.2	5
17	Commensurate incidence and outcomes of liver enzyme elevation between anti-tumor necrosis factor users with or without prior hepatitis B virus infections. <i>PLoS ONE</i> , 2018 , 13, e0196210	3.7	4
16	Assessing risk of liver enzyme elevation in patients with immune-mediated diseases and different hepatitis B virus serostatus receiving anti-TNF agents: a nested case-control study. <i>Arthritis Research and Therapy</i> , 2017 , 19, 214	5.7	3
15	Multiple vaccinations and the risk of medically attended fever. <i>Vaccine</i> , 2010 , 28, 4169-74	4.1	3
14	Pharmacoepidemiology and rheumatic disorders. <i>Rheumatic Disease Clinics of North America</i> , 2004 , 30, 835-50, vii	2.4	3
13	Association Between Low-Dose Aspirin Use and Colorectal Cancer Incidence in Taiwan. <i>JAMA Network Open</i> , 2020 , 3, e2026494	10.4	3
12	The HMO Research Network261-269		3
11	Intensive Care Unit Admission and Survival in Stage IV Cancer Patients with Septic Shock: A Population-Based Cohort Study. <i>Journal of Cancer</i> , 2019 , 10, 3179-3187	4.5	2
10	Examples of Automated Databases 2013 , 173-214		2
9	Single and dual antiplatelet therapy in elderly patients of medically managed myocardial infarction. <i>BMC Geriatrics</i> , 2018 , 18, 86	4.1	1
8	Evidence-based consensus development and reduction of rate of endoscopic thoracic sympathectomy: a national study. <i>Dermatologic Surgery</i> , 2009 , 35, 1970-7	1.7	1
7	Mortality of major cardiovascular emergencies among patients admitted to hospitals on weekends as compared with weekdays in Taiwan. <i>BMC Health Services Research</i> , 2021 , 21, 528	2.9	0

- 6 Safety surveillance of varicella vaccine using tree-temporal scan analysis. *Vaccine*, **2021**, 39, 6378-6384 4.1 0
- 5 Effects of low-dose treatment with felodipine versus fosinopril in Chinese patients with nonischemic heart failure and normal blood pressure: A double-blind, randomized, crossover study. *Current Therapeutic Research*, **2004**, 65, 204-21 2.4
- 4 Nonsteroidal Anti-inflammatory Drugs [Cyclooxygenase-2 Inhibitors: Risks and Benefits735-749
- 3 Changes in Pramipexole Utilization after Introduction of the Extended-Release Formulation: A Nationwide Study in Taiwan. *Drugs - Real World Outcomes*, **2021**, 8, 63-71 2.2
- 2 Population-Based Electronic Health Data Environment in Taiwan. *Springer Series on Epidemiology and Public Health*, **2021**, 275-280 0.4
- 1 NSAIDs[Cox-2 Inhibitors]Risks and Benefits583-602