K Arnold Chan

List of Publications by Year
in descending order

112 papers	9,956 citations	47006 47 h-index	34986 98 g-index
115 all docs	115 docs citations	115 times ranked	11372 citing authors

#	Article	IF	Citations
1	Methods for evaluation of medication adherence and persistence using automated databases. Pharmacoepidemiology and Drug Safety, 2006, 15, 565-574.	1.9	867
2	Incidence of Hospitalized Rhabdomyolysis in Patients Treated With Lipid-Lowering Drugs. JAMA - Journal of the American Medical Association, 2004, 292, 2585.	7.4	768
3	Results of Multivariable Logistic Regression, Propensity Matching, Propensity Adjustment, and Propensity-based Weighting under Conditions of Nonuniform Effect. American Journal of Epidemiology, 2006, 163, 262-270.	3.4	615
4	Prescription drug use in pregnancy. American Journal of Obstetrics and Gynecology, 2004, 191, 398-407.	1.3	490
5	Comparison of Drug Adherence Rates Among Patients with Seven Different Medical Conditions. Pharmacotherapy, 2008, 28, 437-443.	2.6	487
6	Inhibitors of hydroxymethylglutaryl-coenzyme A reductase and risk of fracture among older women. Lancet, The, 2000, 355, 2185-2188.	13.7	386
7	ADHD Drugs and Serious Cardiovascular Events in Children and Young Adults. New England Journal of Medicine, 2011, 365, 1896-1904.	27.0	351
8	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. Current Medical Research and Opinion, 2009, 25, 1019-1027.	1.9	303
9	Inhibition of Clinical Benefits of Aspirin on First Myocardial Infarction by Nonsteroidal Antiinflammatory Drugs. Circulation, 2003, 108, 1191-1195.	1.6	253
10	The risk of herpes zoster in patients with rheumatoid arthritis in the United States and the United Kingdom. Arthritis and Rheumatism, 2007, 57, 1431-1438.	6.7	246
11	Contraindicated Use of Cisapride. JAMA - Journal of the American Medical Association, 2000, 284, 3036.	7.4	232
12	ADHD Medications and Risk of Serious Cardiovascular Events in Young and Middle-aged Adults. JAMA - Journal of the American Medical Association, 2011, 306, 2673.	7.4	231
13	Low Frequency of Treatment of Osteoporosis Among Postmenopausal Women Following a Fracture. Archives of Internal Medicine, 2003, 163, 2052.	3.8	227
14	Efficacy of maternal tenofovir disoproxil fumarate in interrupting mother–to–infant transmission of hepatitis B virus. Hepatology, 2015, 62, 375-386.	7.3	213
15	The New Sentinel Network â€" Improving the Evidence of Medical-Product Safety. New England Journal of Medicine, 2009, 361, 645-647.	27.0	203
16	Hormone Therapy Prescribing Patterns in the United States. Obstetrics and Gynecology, 2004, 104, 1042-1050.	2.4	191
17	Association of thiazolidinediones with liver cancer and colorectal cancer in type 2 diabetes mellitus. Hepatology, 2012, 55, 1462-1472.	7.3	167
18	Systematic Review and Meta-Analysis of the Tolerability and Hepatotoxicity of Antifungals in Empirical and Definitive Therapy for Invasive Fungal Infection. Antimicrobial Agents and Chemotherapy, 2010, 54, 2409-2419.	3.2	143

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19	Statin Use and Risk of Prostate Cancer in the California Men's Health Study Cohort. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 2218-2225.	2.5	134
20	Reduction in Antibiotic Use Among US Children, 1996-2000. Pediatrics, 2003, 112, 620-627.	2.1	133
21	Sex differences in gout epidemiology: evaluation and treatment. Annals of the Rheumatic Diseases, 2006, 65, 1368-1372.	0.9	128
22	Long-term statin use and psychological well-being. Journal of the American College of Cardiology, 2003, 42, 690-697.	2.8	121
23	Use of prescription medications with a potential for fetal harm among pregnant women. Pharmacoepidemiology and Drug Safety, 2006, 15, 546-554.	1.9	112
24	Early detection of adverse drug events within population€based health networks: application of sequential testing methods. Pharmacoepidemiology and Drug Safety, 2007, 16, 1275-1284.	1.9	112
25	Risk factors for statin-associated rhabdomyolysis. Pharmacoepidemiology and Drug Safety, 2007, 16, 352-358.	1.9	101
26	Ribavirin for patients with Crimeanâ€"Congo haemorrhagic fever: a systematic review and meta-analysis. Journal of Antimicrobial Chemotherapy, 2011, 66, 1215-1222.	3.0	94
27	Potentially Inappropriate Medication Use by Elderly Persons in U.S. Health Maintenance Organizations, 2000Ã¢€Â"2001. Journal of the American Geriatrics Society, 2005, 53, 227-232.	2.6	90
28	Estimation of the Period Prevalence of Inflammatory Bowel Disease Among Nine Health Plans Using Computerized Diagnoses and Outpatient Pharmacy Dispensings. Inflammatory Bowel Diseases, 2007, 13, 451-461.	1.9	89
29	Validity of gout diagnoses in administrative data. Arthritis and Rheumatism, 2007, 57, 103-108.	6.7	87
30	FDA drug prescribing warnings: is the black box half empty or half full?. Pharmacoepidemiology and Drug Safety, 2006, 15, 369-386.	1.9	86
31	Chronic Disease Score as a Predictor of Hospitalization. Epidemiology, 2002, 13, 340-346.	2.7	85
32	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. Clinical Therapeutics, 2005, 27, 1639-1646.	2.5	81
33	Multicenter epidemiologic and health services research on therapeutics in the HMO Research Network Center for Education and Research on therapeutics. Pharmacoepidemiology and Drug Safety, 2001, 10, 373-377.	1.9	78
34	Laboratory monitoring of potassium and creatinine in ambulatory patients receiving angiotensin converting enzyme inhibitors and angiotensin receptor blockers. Pharmacoepidemiology and Drug Safety, 2007, 16, 55-64.	1.9	75
35	Drug safety data mining with a tree€based scan statistic. Pharmacoepidemiology and Drug Safety, 2013, 22, 517-523.	1.9	72
36	A prospective, claims€based assessment of the risk of pancreatitis and pancreatic cancer with liraglutide compared to other antidiabetic drugs. Diabetes, Obesity and Metabolism, 2014, 16, 273-275.	4.4	71

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37	Risks of Cardiac Arrhythmia and Mortality Among Patients Using New-Generation Macrolides, Fluoroquinolones, and Î²-Lactam/Î²-Lactamase Inhibitors: A Taiwanese Nationwide Study. Clinical Infectious Diseases, 2015, 60, 566-577.	5.8	71
38	A Cohort Study of the Incidence of Serious Acute Liver Injury in Diabetic Patients Treated With Hypoglycemic Agents. Archives of Internal Medicine, 2003, 163, 728.	3.8	69
39	Topiramate use in pregnancy and the birth prevalence of oral clefts. Pharmacoepidemiology and Drug Safety, 2014, 23, 1017-1025.	1.9	65
40	Laboratory monitoring of drugs at initiation of therapy in ambulatory care. Journal of General Internal Medicine, 2005, 20, 1120-1126.	2.6	59
41	Adverse events associated with prolonged antibiotic use. Pharmacoepidemiology and Drug Safety, 2008, 17, 523-532.	1.9	57
42	Increased Use of Second-Generation Macrolide Antibiotics for Children in Nine Health Plans in the United States. Pediatrics, 2004, 114, 1206-1211.	2.1	56
43	Asthma drug use and the development of Churgâ€"Strauss syndrome (CSS). Pharmacoepidemiology and Drug Safety, 2007, 16, 620-626.	1.9	56
44	Incidence of rheumatoid arthritis in central massachusetts. Arthritis and Rheumatism, 1993, 36, 1691-1696.	6.7	53
45	Gastric and Duodenal Safety of Daily Alendronate. Archives of Internal Medicine, 2002, 162, 936.	3.8	53
46	Medication adherence and use of generic drug therapies. American Journal of Managed Care, 2009, 15, 450-6.	1.1	52
47	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. Diabetes Care, 1998, 21, 1058-1061.	8.6	50
48	Validation of diagnoses of peptic ulcers and bleeding from administrative databasesA multi-health maintenance organization study. Journal of Clinical Epidemiology, 2002, 55, 310-313.	5.0	50
49	Frequency of high-risk use of QT-prolonging medications. Pharmacoepidemiology and Drug Safety, 2006, 15, 361-368.	1.9	48
50	Pooling overdispersed binomial data to estimate event rate. BMC Medical Research Methodology, 2008, 8, 58.	3.1	46
51	Health plan administrative databases can efficiently identify serious myopathy and rhabdomyolysis. Journal of Clinical Epidemiology, 2005, 58, 171-174.	5.0	45
52	Meta-analysis: ribavirin-induced haemolytic anaemia in patients with chronic hepatitis C. Alimentary Pharmacology and Therapeutics, 2002, 16, 1623-1632.	3.7	44
53	Patterns of interchange in the dispensing of non-steroidal anti-inflammatory drugs. Journal of Clinical Epidemiology, 1992, 45, 187-195.	5.0	42
54	Risk factors for recurrence in patients with stage IB, IIA, and IIB cervical carcinoma after radical hysterectomy and postoperative pelvic irradiation. Obstetrics and Gynecology, 1996, 88, 274-279.	2.4	42

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55	Acute Respiratory Infection and Use of Nonsteroidal Anti-Inflammatory Drugs on Risk of Acute Myocardial Infarction: A Nationwide Case-Crossover Study. Journal of Infectious Diseases, 2017, 215, 503-509.	4.0	40
56	The thiazolidinediones rosiglitazone and pioglitazone and the risk of coronary heart disease: A retrospective cohort study using a US health insurance database. Clinical Therapeutics, 2009, 31, 2665-2677.	2.5	38
57	Early adverse drug event signal detection within population€based health networks using sequential methods: key methodologic considerations. Pharmacoepidemiology and Drug Safety, 2009, 18, 226-234.	1.9	38
58	Risk of Guillain–Barré syndrome after meningococcal conjugate vaccination. Pharmacoepidemiology and Drug Safety, 2012, 21, 1350-1358.	1.9	38
59	Impact of Alcohol Consumption and Cigarette Smoking on Stroke Among the Elderly in Taiwan. Stroke, 1995, 26, 790-794.	2.0	38
60	A distributed research network model for post-marketing safety studies: the Meningococcal Vaccine Study. Pharmacoepidemiology and Drug Safety, 2008, 17, 1226-1234.	1.9	37
61	Burden of asthma and COPD overlap (ACO) in Taiwan: a nationwide population-based study. BMC Pulmonary Medicine, 2018, 18, 16.	2.0	33
62	Potential Drug–Drug Interactions in the Outpatient Setting. Medical Care, 2006, 44, 534-541.	2.4	32
63	Laboratory Evaluation of Potassium and Creatinine Among Ambulatory Patients Prescribed Spironolactone: Are We Monitoring for Hyperkalemia?. Annals of Pharmacotherapy, 2007, 41, 193-200.	1.9	28
64	Drug Adverse Event Detection in Health Plan Data Using the Gamma Poisson Shrinker and Comparison to the Tree-based Scan Statistic. Pharmaceutics, 2013, 5, 179-200.	4.5	27
65	Development and Validation of a Pharmacy€Based Comorbidity Measure in a Population€Based Automated Health Care Database. Pharmacotherapy, 2013, 33, 126-136.	2.6	26
66	Use of Nonsteroidal Antiinflammatory Drugs and Non-Hodgkin Lymphoma: A Population-based Case-Control Study. American Journal of Epidemiology, 2006, 164, 497-504.	3.4	25
67	Active Influenza Vaccine Safety Surveillance. Medical Care, 2009, 47, 1251-1257.	2.4	23
68	Comparative Effectiveness and Safety of Dabigatran and Rivaroxaban in Atrial Fibrillation Patients. Journal of the American Heart Association, 2017, 6, .	3.7	23
69	Signal detection in pharmacovigilance: empirical evaluation of data mining tools. Pharmacoepidemiology and Drug Safety, 2005, 14, 597-599.	1.9	22
70	Topiramate use during pregnancy and major congenital malformations in multiple populations. Birth Defects Research Part A: Clinical and Molecular Teratology, 2015, 103, 269-275.	1.6	21
71	Statin Use and Risk of Colorectal Cancer in a Cohort of Middle-Aged Men in the US. Drugs, 2009, 69, 1445-1457.	10.9	20
72	Algorithms for identification of Guillain–Barré Syndrome among adolescents in claims databases. Vaccine, 2013, 31, 2075-2079.	3.8	19

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73	Impacts of drug reimbursement reductions on utilization and expenditures of oral antidiabetic medications in Taiwan: An interrupted time series study. Health Policy, 2014, 116, 196-205.	3.0	19
74	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. Pharmacoepidemiology and Drug Safety, 2004, 13, 695-702.	1.9	18
75	Evaluating the safety of influenza vaccine using a claims-based health system. Vaccine, 2013, 31, 5975-5982.	3.8	18
76	Pregnancy-Associated Breast Cancer in Taiwanese Women: Potential Treatment Delay and Impact on Survival. PLoS ONE, 2014, 9, e111934.	2.5	18
77	Frequency of Serum Creatinine Monitoring During Allopurinol Therapy in Ambulatory Patients. Annals of Pharmacotherapy, 2006, 40, 386-391.	1.9	17
78	Global covid-19 vaccine rollout and safety surveillanceâ€"how to keep pace. BMJ, The, 2021, 373, n1416.	6.0	17
79	The impact of comorbidities on hormone use. Journal of General Internal Medicine, 2005, 20, 350-356.	2.6	15
80	Incidence of health insurance claims for thyroid neoplasm and pancreatic malignancy in association with exenatide: signal refinement using active safety surveillance. Therapeutic Advances in Drug Safety, 2012, 3, 157-164.	2.4	15
81	An equilibrium model of drug utilization. Journal of Clinical Epidemiology, 1993, 46, 113-121.	5.0	14
82	Liver function testing in patients on HMG-CoA reductase inhibitors. Pharmacoepidemiology and Drug Safety, 2003, 12, 307-313.	1.9	14
83	Harvard Pilgrim Health Care/Harvard Vanguard Medical Associates. , 0, , 285-293.		13
84	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. Lung Cancer, 2008, 62, 242-252.	2.0	13
85	Hormone therapy initiation after the Women's Health Initiative. Menopause, 2008, 15, 487-493.	2.0	12
86	Identification of patients with Churgâ€"Strauss syndrome(CSS) using automated data. Pharmacoepidemiology and Drug Safety, 2004, 13, 661-667.	1.9	10
87	Risk of ischemic stroke during the initiation period of Î±-blocker therapy among older men. Cmaj, 2016, 188, 255-260.	2.0	10
88	Utilization and Comparative Effectiveness of Caspofungin and Voriconazole Early after Market Approval in the U.S. PLoS ONE, 2014, 9, e83658.	2.5	10
89	An Economic Evaluation of a Laboratory Monitoring Program for Renin-Angiotensin System Agents. Medical Decision Making, 2011, 31, 315-324.	2.4	9
90	Re-evaluating Safety and Effectiveness of Dabigatran Versus Warfarin in a Nationwide Data Environment: A Prevalent New-User Design Study. Drugs - Real World Outcomes, 2019, 6, 93-104.	1.6	9

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91	Class effect of beta-blockers in survivors of ST-elevation myocardial infarction: A nationwide cohort study using an insurance claims database. Scientific Reports, 2015, 5, 13692.	3.3	7
92	Effects of Atorvastatin and Rosuvastatin on Renal Function in Patients With Type 2 Diabetes Mellitus. American Journal of Cardiology, 2015, 115, 619-624.	1.6	7
93	Population-Based Cohort Study Reveals Distinct Associations Between Female Lung Cancer and Breast Cancer in Taiwan. JCO Clinical Cancer Informatics, 2018, 2, 1-14.	2.1	7
94	Commensurate incidence and outcomes of liver enzyme elevation between anti-tumor necrosis factor users with or without prior hepatitis B virus infections. PLoS ONE, 2018, 13, e0196210.	2.5	7
95	Association Between Low-Dose Aspirin Use and Colorectal Cancer Incidence in Taiwan. JAMA Network Open, 2020, 3, e2026494.	5.9	7
96	Pharmacoepidemiology and rheumatic disorders. Rheumatic Disease Clinics of North America, 2004, 30, 835-850.	1.9	6
97	Identification of seizures among adults and children following influenza vaccination using health insurance claims data. Vaccine, 2013, 31, 5997-6002.	3.8	6
98	The HMO Research Network. , 0, , 261-269.		6
99	Impact of the introduction of pneumococcal conjugate vaccine on immunization coverage among infants. BMC Pediatrics, 2005, 5, 43.	1.7	5
100	Variation in hepatitis B immunization coverage rates associated with provider practices after the temporary suspension of the birth dose. BMC Pediatrics, 2006, 6, 31.	1.7	5
101	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. PLoS ONE, 2015, 10, e0122860.	2.5	5
102	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. Arthritis Research and Therapy, 2017, 19, 214.	3.5	5
103	Multiple vaccinations and the risk of medically attended fever. Vaccine, 2010, 28, 4169-4174.	3.8	3
104	Single and dual antiplatelet therapy in elderly patients of medically managed myocardial infarction. BMC Geriatrics, 2018, 18, 86.	2.7	3
105	Intensive Care Unit Admission and Survival in Stage IV Cancer Patients with Septic Shock: A Population-Based Cohort Study. Journal of Cancer, 2019, 10, 3179-3187.	2.5	2
106	Mortality of major cardiovascular emergencies among patients admitted to hospitals on weekends as compared with weekdays in Taiwan. BMC Health Services Research, 2021, 21, 528.	2.2	2
107	Safety surveillance of varicella vaccine using tree-temporal scan analysis. Vaccine, 2021, 39, 6378-6384.	3.8	2
108	Evidence-Based Consensus Development and Reduction of Rate of Endoscopic Thoracic Sympathectomy. Dermatologic Surgery, 2009, 35, 1970-1977.	0.8	1

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109	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, 204-221.	1.2	0
110	Changes in Pramipexole Utilization after Introduction of the Extended-Release Formulation: A Nationwide Study in Taiwan. Drugs - Real World Outcomes, 2021, 8, 63-71.	1.6	0
111	Population-Based Electronic Health Data Environment in Taiwan. Springer Series on Epidemiology and Public Health, 2021, , 275-280.	0.5	0
112	NSAIDsâ€" COX-2 Inhibitorsâ€" Risks and Benefits. , 0, , 583-602.		0