

K Arnold Chan

List of Publications by Year in descending order

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112
papers

9,956
citations

46918

47
h-index

34900

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. <i>Pharmacoepidemiology and Drug Safety</i> , 2006, 15, 565-574.	0.9	867
2	Incidence of Hospitalized Rhabdomyolysis in Patients Treated With Lipid-Lowering Drugs. <i>JAMA - Journal of the American Medical Association</i> , 2004, 292, 2585.	3.8	768
3	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, 262-270.	1.6	615
4	Prescription drug use in pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2004, 191, 398-407.	0.7	490
5	Comparison of Drug Adherence Rates Among Patients with Seven Different Medical Conditions. <i>Pharmacotherapy</i> , 2008, 28, 437-443.	1.2	487
6	Inhibitors of hydroxymethylglutaryl-coenzyme A reductase and risk of fracture among older women. <i>Lancet, The</i> , 2000, 355, 2185-2188.	6.3	386
7	ADHD Drugs and Serious Cardiovascular Events in Children and Young Adults. <i>New England Journal of Medicine</i> , 2011, 365, 1896-1904.	13.9	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. <i>Current Medical Research and Opinion</i> , 2009, 25, 1019-1027.	0.9	303
9	Inhibition of Clinical Benefits of Aspirin on First Myocardial Infarction by Nonsteroidal Antiinflammatory Drugs. <i>Circulation</i> , 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. <i>Arthritis and Rheumatism</i> , 2007, 57, 1431-1438.	6.7	246
11	Contraindicated Use of Cisapride. <i>JAMA - Journal of the American Medical Association</i> , 2000, 284, 3036.	3.8	232
12	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.	3.8	231
13	Low Frequency of Treatment of Osteoporosis Among Postmenopausal Women Following a Fracture. <i>Archives of Internal Medicine</i> , 2003, 163, 2052.	4.3	227
14	Efficacy of maternal tenofovir disoproxil fumarate in interrupting mother-to-infant transmission of hepatitis B virus. <i>Hepatology</i> , 2015, 62, 375-386.	3.6	213
15	The New Sentinel Network – Improving the Evidence of Medical-Product Safety. <i>New England Journal of Medicine</i> , 2009, 361, 645-647.	13.9	203
16	Hormone Therapy Prescribing Patterns in the United States. <i>Obstetrics and Gynecology</i> , 2004, 104, 1042-1050.	1.2	191
17	Association of thiazolidinediones with liver cancer and colorectal cancer in type 2 diabetes mellitus. <i>Hepatology</i> , 2012, 55, 1462-1472.	3.6	167
18	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, 2409-2419.	1.4	143

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19	Statin Use and Risk of Prostate Cancer in the California Men's Health Study Cohort. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007, 16, 2218-2225.	1.1	134
20	Reduction in Antibiotic Use Among US Children, 1996-2000. <i>Pediatrics</i> , 2003, 112, 620-627.	1.0	133
21	Sex differences in gout epidemiology: evaluation and treatment. <i>Annals of the Rheumatic Diseases</i> , 2006, 65, 1368-1372.	0.5	128
22	Long-term statin use and psychological well-being. <i>Journal of the American College of Cardiology</i> , 2003, 42, 690-697.	1.2	121
23	Use of prescription medications with a potential for fetal harm among pregnant women. <i>Pharmacoepidemiology and Drug Safety</i> , 2006, 15, 546-554.	0.9	112
24	Early detection of adverse drug events within population-based health networks: application of sequential testing methods. <i>Pharmacoepidemiology and Drug Safety</i> , 2007, 16, 1275-1284.	0.9	112
25	Risk factors for statin-associated rhabdomyolysis. <i>Pharmacoepidemiology and Drug Safety</i> , 2007, 16, 352-358.	0.9	101
26	Ribavirin for patients with Crimean-Congo haemorrhagic fever: a systematic review and meta-analysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 1215-1222.	1.3	94
27	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, 227-232.	1.3	90
28	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, 451-461.	0.9	89
29	Validity of gout diagnoses in administrative data. <i>Arthritis and Rheumatism</i> , 2007, 57, 103-108.	6.7	87
30	FDA drug prescribing warnings: is the black box half empty or half full?. <i>Pharmacoepidemiology and Drug Safety</i> , 2006, 15, 369-386.	0.9	86
31	Chronic Disease Score as a Predictor of Hospitalization. <i>Epidemiology</i> , 2002, 13, 340-346.	1.2	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. <i>Clinical Therapeutics</i> , 2005, 27, 1639-1646.	1.1	81
33	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, 373-377.	0.9	78
34	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.	0.9	75
35	Drug safety data mining with a tree-based scan statistic. <i>Pharmacoepidemiology and Drug Safety</i> , 2013, 22, 517-523.	0.9	72
36	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, 273-275.	2.2	71

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37	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, 566-577.	2.9	71
38	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.	4.3	69
39	Topiramate use in pregnancy and the birth prevalence of oral clefts. <i>Pharmacoepidemiology and Drug Safety</i> , 2014, 23, 1017-1025.	0.9	65
40	Laboratory monitoring of drugs at initiation of therapy in ambulatory care. <i>Journal of General Internal Medicine</i> , 2005, 20, 1120-1126.	1.3	59
41	Adverse events associated with prolonged antibiotic use. <i>Pharmacoepidemiology and Drug Safety</i> , 2008, 17, 523-532.	0.9	57
42	Increased Use of Second-Generation Macrolide Antibiotics for Children in Nine Health Plans in the United States. <i>Pediatrics</i> , 2004, 114, 1206-1211.	1.0	56
43	Asthma drug use and the development of Churg's Strauss syndrome (CSS). <i>Pharmacoepidemiology and Drug Safety</i> , 2007, 16, 620-626.	0.9	56
44	Incidence of rheumatoid arthritis in central massachusetts. <i>Arthritis and Rheumatism</i> , 1993, 36, 1691-1696.	6.7	53
45	Gastric and Duodenal Safety of Daily Alendronate. <i>Archives of Internal Medicine</i> , 2002, 162, 936.	4.3	53
46	Medication adherence and use of generic drug therapies. <i>American Journal of Managed Care</i> , 2009, 15, 450-6.	0.8	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. <i>Diabetes Care</i> , 1998, 21, 1058-1061.	4.3	50
48	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, 310-313.	2.4	50
49	Frequency of high-risk use of QT-prolonging medications. <i>Pharmacoepidemiology and Drug Safety</i> , 2006, 15, 361-368.	0.9	48
50	Pooling overdispersed binomial data to estimate event rate. <i>BMC Medical Research Methodology</i> , 2008, 8, 58.	1.4	46
51	Health plan administrative databases can efficiently identify serious myopathy and rhabdomyolysis. <i>Journal of Clinical Epidemiology</i> , 2005, 58, 171-174.	2.4	45
52	Meta-analysis: ribavirin-induced haemolytic anaemia in patients with chronic hepatitis C. <i>Alimentary Pharmacology and Therapeutics</i> , 2002, 16, 1623-1632.	1.9	44
53	Patterns of interchange in the dispensing of non-steroidal anti-inflammatory drugs. <i>Journal of Clinical Epidemiology</i> , 1992, 45, 187-195.	2.4	42
54	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, 274-279.	1.2	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. <i>Journal of Infectious Diseases</i> , 2017, 215, 503-509.	1.9	40
56	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, 2665-2677.	1.1	38
57	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, 226-234.	0.9	38
58	Risk of Guillain-Barré syndrome after meningococcal conjugate vaccination. <i>Pharmacoepidemiology and Drug Safety</i> , 2012, 21, 1350-1358.	0.9	38
59	Impact of Alcohol Consumption and Cigarette Smoking on Stroke Among the Elderly in Taiwan. <i>Stroke</i> , 1995, 26, 790-794.	1.0	38
60	A distributed research network model for post-marketing safety studies: the Meningococcal Vaccine Study. <i>Pharmacoepidemiology and Drug Safety</i> , 2008, 17, 1226-1234.	0.9	37
61	Burden of asthma and COPD overlap (ACO) in Taiwan: a nationwide population-based study. <i>BMC Pulmonary Medicine</i> , 2018, 18, 16.	0.8	33
62	Potential Drug-Drug Interactions in the Outpatient Setting. <i>Medical Care</i> , 2006, 44, 534-541.	1.1	32
63	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.	0.9	28
64	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.	2.0	27
65	Development and Validation of a Pharmacy-Based Comorbidity Measure in a Population-Based Automated Health Care Database. <i>Pharmacotherapy</i> , 2013, 33, 126-136.	1.2	26
66	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.	1.6	25
67	Active Influenza Vaccine Safety Surveillance. <i>Medical Care</i> , 2009, 47, 1251-1257.	1.1	23
68	Comparative Effectiveness and Safety of Dabigatran and Rivaroxaban in Atrial Fibrillation Patients. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	23
69	Signal detection in pharmacovigilance: empirical evaluation of data mining tools. <i>Pharmacoepidemiology and Drug Safety</i> , 2005, 14, 597-599.	0.9	22
70	Topiramate use during pregnancy and major congenital malformations in multiple populations. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2015, 103, 269-275.	1.6	21
71	Statin Use and Risk of Colorectal Cancer in a Cohort of Middle-Aged Men in the US. <i>Drugs</i> , 2009, 69, 1445-1457.	4.9	20
72	Algorithms for identification of Guillain-Barré Syndrome among adolescents in claims databases. <i>Vaccine</i> , 2013, 31, 2075-2079.	1.7	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. <i>Health Policy</i> , 2014, 116, 196-205.	1.4	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. <i>Pharmacoepidemiology and Drug Safety</i> , 2004, 13, 695-702.	0.9	18
75	Evaluating the safety of influenza vaccine using a claims-based health system. <i>Vaccine</i> , 2013, 31, 5975-5982.	1.7	18
76	Pregnancy-Associated Breast Cancer in Taiwanese Women: Potential Treatment Delay and Impact on Survival. <i>PLoS ONE</i> , 2014, 9, e111934.	1.1	18
77	Frequency of Serum Creatinine Monitoring During Allopurinol Therapy in Ambulatory Patients. <i>Annals of Pharmacotherapy</i> , 2006, 40, 386-391.	0.9	17
78	Global covid-19 vaccine rollout and safety surveillance—how to keep pace. <i>BMJ</i> , The, 2021, 373, n1416.	3.0	17
79	The impact of comorbidities on hormone use. <i>Journal of General Internal Medicine</i> , 2005, 20, 350-356.	1.3	15
80	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, 157-164.	1.0	15
81	An equilibrium model of drug utilization. <i>Journal of Clinical Epidemiology</i> , 1993, 46, 113-121.	2.4	14
82	Liver function testing in patients on HMG-CoA reductase inhibitors. <i>Pharmacoepidemiology and Drug Safety</i> , 2003, 12, 307-313.	0.9	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. <i>Lung Cancer</i> , 2008, 62, 242-252.	0.9	13
85	Hormone therapy initiation after the Women's Health Initiative. <i>Menopause</i> , 2008, 15, 487-493.	0.8	12
86	Identification of patients with Churg's Strauss syndrome (CSS) using automated data. <i>Pharmacoepidemiology and Drug Safety</i> , 2004, 13, 661-667.	0.9	10
87	Risk of ischemic stroke during the initiation period of β -blocker therapy among older men. <i>Cmaj</i> , 2016, 188, 255-260.	0.9	10
88	Utilization and Comparative Effectiveness of Caspofungin and Voriconazole Early after Market Approval in the U.S. <i>PLoS ONE</i> , 2014, 9, e83658.	1.1	10
89	An Economic Evaluation of a Laboratory Monitoring Program for Renin-Angiotensin System Agents. <i>Medical Decision Making</i> , 2011, 31, 315-324.	1.2	9
90	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.	0.7	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. <i>Scientific Reports</i> , 2015, 5, 13692.	1.6	7
92	Effects of Atorvastatin and Rosuvastatin on Renal Function in Patients With Type 2 Diabetes Mellitus. <i>American Journal of Cardiology</i> , 2015, 115, 619-624.	0.7	7
93	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.	1.0	7
94	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.	1.1	7
95	Association Between Low-Dose Aspirin Use and Colorectal Cancer Incidence in Taiwan. <i>JAMA Network Open</i> , 2020, 3, e2026494.	2.8	7
96	Pharmacoepidemiology and rheumatic disorders. <i>Rheumatic Disease Clinics of North America</i> , 2004, 30, 835-850.	0.8	6
97	Identification of seizures among adults and children following influenza vaccination using health insurance claims data. <i>Vaccine</i> , 2013, 31, 5997-6002.	1.7	6
98	The HMO Research Network. , 0, , 261-269.		6
99	Impact of the introduction of pneumococcal conjugate vaccine on immunization coverage among infants. <i>BMC Pediatrics</i> , 2005, 5, 43.	0.7	5
100	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.	0.7	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. <i>PLoS ONE</i> , 2015, 10, e0122860.	1.1	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. <i>Arthritis Research and Therapy</i> , 2017, 19, 214.	1.6	5
103	Multiple vaccinations and the risk of medically attended fever. <i>Vaccine</i> , 2010, 28, 4169-4174.	1.7	3
104	Single and dual antiplatelet therapy in elderly patients of medically managed myocardial infarction. <i>BMC Geriatrics</i> , 2018, 18, 86.	1.1	3
105	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.	1.2	2
106	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.	0.9	2
107	Safety surveillance of varicella vaccine using tree-temporal scan analysis. <i>Vaccine</i> , 2021, 39, 6378-6384.	1.7	2
108	Evidence-Based Consensus Development and Reduction of Rate of Endoscopic Thoracic Sympathectomy. <i>Dermatologic Surgery</i> , 2009, 35, 1970-1977.	0.4	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. <i>Current Therapeutic Research</i> , 2004, 65, 204-221.	0.5	0
110	Changes in Pramipexole Utilization after Introduction of the Extended-Release Formulation: A Nationwide Study in Taiwan. <i>Drugs - Real World Outcomes</i> , 2021, 8, 63-71.	0.7	0
111	Population-Based Electronic Health Data Environment in Taiwan. <i>Springer Series on Epidemiology and Public Health</i> , 2021, , 275-280.	0.5	0
112	NSAIDsâ€™ COX-2 Inhibitorsâ€™ Risks and Benefits. , 0, , 583-602.		0