

K Arnold Chan

List of Publications by Year in descending order

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112
papers

9,956
citations

47006

47
h-index

34986

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115
all docs

115
docs citations

115
times ranked

11372
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.6	0
2	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.	2.2	2
3	Global covid-19 vaccine rollout and safety surveillance—how to keep pace. <i>BMJ, The</i> , 2021, 373, n1416.	6.0	17
4	Safety surveillance of varicella vaccine using tree-temporal scan analysis. <i>Vaccine</i> , 2021, 39, 6378-6384.	3.8	2
5	Population-Based Electronic Health Data Environment in Taiwan. <i>Springer Series on Epidemiology and Public Health</i> , 2021, , 275-280.	0.5	0
6	Association Between Low-Dose Aspirin Use and Colorectal Cancer Incidence in Taiwan. <i>JAMA Network Open</i> , 2020, 3, e2026494.	5.9	7
7	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.	2.5	2
8	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.	1.6	9
9	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.	2.1	7
10	Single and dual antiplatelet therapy in elderly patients of medically managed myocardial infarction. <i>BMC Geriatrics</i> , 2018, 18, 86.	2.7	3
11	Burden of asthma and COPD overlap (ACO) in Taiwan: a nationwide population-based study. <i>BMC Pulmonary Medicine</i> , 2018, 18, 16.	2.0	33
12	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.	2.5	7
13	Comparative Effectiveness and Safety of Dabigatran and Rivaroxaban in Atrial Fibrillation Patients. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	23
14	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.	4.0	40
15	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.	3.5	5
16	Risk of ischemic stroke during the initiation period of ß-blocker therapy among older men. <i>Cmaj</i> , 2016, 188, 255-260.	2.0	10
17	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.	3.3	7
18	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

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19	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
20	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
21	Efficacy of maternal tenofovir disoproxil fumarate in interrupting mother-to-infant transmission of hepatitis B virus. Hepatology, 2015, 62, 375-386.	7.3	213
22	Risks of Cardiac Arrhythmia and Mortality Among Patients Using New-Generation Macrolides, Fluoroquinolones, and β -Lactam/ β -Lactamase Inhibitors: A Taiwanese Nationwide Study. Clinical Infectious Diseases, 2015, 60, 566-577.	5.8	71
23	Pregnancy-Associated Breast Cancer in Taiwanese Women: Potential Treatment Delay and Impact on Survival. PLoS ONE, 2014, 9, e111934.	2.5	18
24	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
25	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
26	Topiramate use in pregnancy and the birth prevalence of oral clefts. Pharmacoepidemiology and Drug Safety, 2014, 23, 1017-1025.	1.9	65
27	Utilization and Comparative Effectiveness of Caspofungin and Voriconazole Early after Market Approval in the U.S. PLoS ONE, 2014, 9, e83658.	2.5	10
28	Identification of seizures among adults and children following influenza vaccination using health insurance claims data. Vaccine, 2013, 31, 5997-6002.	3.8	6
29	Evaluating the safety of influenza vaccine using a claims-based health system. Vaccine, 2013, 31, 5975-5982.	3.8	18
30	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
31	Algorithms for identification of Guillain-Barré Syndrome among adolescents in claims databases. Vaccine, 2013, 31, 2075-2079.	3.8	19
32	Drug safety data mining with a tree-based scan statistic. Pharmacoepidemiology and Drug Safety, 2013, 22, 517-523.	1.9	72
33	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
34	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
35	Risk of Guillain-Barré syndrome after meningococcal conjugate vaccination. Pharmacoepidemiology and Drug Safety, 2012, 21, 1350-1358.	1.9	38
36	Association of thiazolidinediones with liver cancer and colorectal cancer in type 2 diabetes mellitus. Hepatology, 2012, 55, 1462-1472.	7.3	167

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37	ADHD Drugs and Serious Cardiovascular Events in Children and Young Adults. <i>New England Journal of Medicine</i> , 2011, 365, 1896-1904.	27.0	351
38	An Economic Evaluation of a Laboratory Monitoring Program for Renin-Angiotensin System Agents. <i>Medical Decision Making</i> , 2011, 31, 315-324.	2.4	9
39	Ribavirin for patients with Crimean-Congo haemorrhagic fever: a systematic review and meta-analysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 1215-1222.	3.0	94
40	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.	7.4	231
41	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.	3.2	143
42	Multiple vaccinations and the risk of medically attended fever. <i>Vaccine</i> , 2010, 28, 4169-4174.	3.8	3
43	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.	1.9	303
44	The New Sentinel Network – Improving the Evidence of Medical-Product Safety. <i>New England Journal of Medicine</i> , 2009, 361, 645-647.	27.0	203
45	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.	2.5	38
46	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.	1.9	38
47	Evidence-Based Consensus Development and Reduction of Rate of Endoscopic Thoracic Sympathectomy. <i>Dermatologic Surgery</i> , 2009, 35, 1970-1977.	0.8	1
48	Statin Use and Risk of Colorectal Cancer in a Cohort of Middle-Aged Men in the US. <i>Drugs</i> , 2009, 69, 1445-1457.	10.9	20
49	Active Influenza Vaccine Safety Surveillance. <i>Medical Care</i> , 2009, 47, 1251-1257.	2.4	23
50	Medication adherence and use of generic drug therapies. <i>American Journal of Managed Care</i> , 2009, 15, 450-6.	1.1	52
51	Adverse events associated with prolonged antibiotic use. <i>Pharmacoepidemiology and Drug Safety</i> , 2008, 17, 523-532.	1.9	57
52	A distributed research network model for post-marketing safety studies: the Meningococcal Vaccine Study. <i>Pharmacoepidemiology and Drug Safety</i> , 2008, 17, 1226-1234.	1.9	37
53	Pooling overdispersed binomial data to estimate event rate. <i>BMC Medical Research Methodology</i> , 2008, 8, 58.	3.1	46
54	Comparison of Drug Adherence Rates Among Patients with Seven Different Medical Conditions. <i>Pharmacotherapy</i> , 2008, 28, 437-443.	2.6	487

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55	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.	2.0	13
56	Hormone therapy initiation after the Women's Health Initiative. <i>Menopause</i> , 2008, 15, 487-493.	2.0	12
57	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.	1.9	28
58	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.	2.5	134
59	Validity of gout diagnoses in administrative data. <i>Arthritis and Rheumatism</i> , 2007, 57, 103-108.	6.7	87
60	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
61	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.	1.9	89
62	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.	1.9	75
63	Risk factors for statin-associated rhabdomyolysis. <i>Pharmacoepidemiology and Drug Safety</i> , 2007, 16, 352-358.	1.9	101
64	Asthma drug use and the development of Churg's Strauss syndrome (CSS). <i>Pharmacoepidemiology and Drug Safety</i> , 2007, 16, 620-626.	1.9	56
65	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.	1.9	112
66	Potential Drug-Drug Interactions in the Outpatient Setting. <i>Medical Care</i> , 2006, 44, 534-541.	2.4	32
67	Frequency of high-risk use of QT-prolonging medications. <i>Pharmacoepidemiology and Drug Safety</i> , 2006, 15, 361-368.	1.9	48
68	FDA drug prescribing warnings: is the black box half empty or half full?. <i>Pharmacoepidemiology and Drug Safety</i> , 2006, 15, 369-386.	1.9	86
69	Methods for evaluation of medication adherence and persistence using automated databases. <i>Pharmacoepidemiology and Drug Safety</i> , 2006, 15, 565-574.	1.9	867
70	Use of prescription medications with a potential for fetal harm among pregnant women. <i>Pharmacoepidemiology and Drug Safety</i> , 2006, 15, 546-554.	1.9	112
71	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.	1.7	5
72	Frequency of Serum Creatinine Monitoring During Allopurinol Therapy in Ambulatory Patients. <i>Annals of Pharmacotherapy</i> , 2006, 40, 386-391.	1.9	17

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73	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.	3.4	615
74	Sex differences in gout epidemiology: evaluation and treatment. <i>Annals of the Rheumatic Diseases</i> , 2006, 65, 1368-1372.	0.9	128
75	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.	3.4	25
76	Laboratory monitoring of drugs at initiation of therapy in ambulatory care. <i>Journal of General Internal Medicine</i> , 2005, 20, 1120-1126.	2.6	59
77	The impact of comorbidities on hormone use. <i>Journal of General Internal Medicine</i> , 2005, 20, 350-356.	2.6	15
78	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.	2.6	90
79	Impact of the introduction of pneumococcal conjugate vaccine on immunization coverage among infants. <i>BMC Pediatrics</i> , 2005, 5, 43.	1.7	5
80	Signal detection in pharmacovigilance: empirical evaluation of data mining tools. <i>Pharmacoepidemiology and Drug Safety</i> , 2005, 14, 597-599.	1.9	22
81	Health plan administrative databases can efficiently identify serious myopathy and rhabdomyolysis. <i>Journal of Clinical Epidemiology</i> , 2005, 58, 171-174.	5.0	45
82	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.	2.5	81
83	Increased Use of Second-Generation Macrolide Antibiotics for Children in Nine Health Plans in the United States. <i>Pediatrics</i> , 2004, 114, 1206-1211.	2.1	56
84	Incidence of Hospitalized Rhabdomyolysis in Patients Treated With Lipid-Lowering Drugs. <i>JAMA - Journal of the American Medical Association</i> , 2004, 292, 2585.	7.4	768
85	Prescription drug use in pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2004, 191, 398-407.	1.3	490
86	Identification of patients with Churg-Strauss syndrome (CSS) using automated data. <i>Pharmacoepidemiology and Drug Safety</i> , 2004, 13, 661-667.	1.9	10
87	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.	1.9	18
88	Pharmacoepidemiology and rheumatic disorders. <i>Rheumatic Disease Clinics of North America</i> , 2004, 30, 835-850.	1.9	6
89	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.	1.2	0
90	Hormone Therapy Prescribing Patterns in the United States. <i>Obstetrics and Gynecology</i> , 2004, 104, 1042-1050.	2.4	191

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91	Liver function testing in patients on HMG-CoA reductase inhibitors. <i>Pharmacoepidemiology and Drug Safety</i> , 2003, 12, 307-313.	1.9	14
92	Long-term statin use and psychological well-being. <i>Journal of the American College of Cardiology</i> , 2003, 42, 690-697.	2.8	121
93	Inhibition of Clinical Benefits of Aspirin on First Myocardial Infarction by Nonsteroidal Antiinflammatory Drugs. <i>Circulation</i> , 2003, 108, 1191-1195.	1.6	253
94	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.	3.8	69
95	Low Frequency of Treatment of Osteoporosis Among Postmenopausal Women Following a Fracture. <i>Archives of Internal Medicine</i> , 2003, 163, 2052.	3.8	227
96	Reduction in Antibiotic Use Among US Children, 1996-2000. <i>Pediatrics</i> , 2003, 112, 620-627.	2.1	133
97	Gastric and Duodenal Safety of Daily Alendronate. <i>Archives of Internal Medicine</i> , 2002, 162, 936.	3.8	53
98	Chronic Disease Score as a Predictor of Hospitalization. <i>Epidemiology</i> , 2002, 13, 340-346.	2.7	85
99	Validation of diagnoses of peptic ulcers and bleeding from administrative databasesA multi-health maintenance organization study. <i>Journal of Clinical Epidemiology</i> , 2002, 55, 310-313.	5.0	50
100	Meta-analysis: ribavirin-induced haemolytic anaemia in patients with chronic hepatitis C. <i>Alimentary Pharmacology and Therapeutics</i> , 2002, 16, 1623-1632.	3.7	44
101	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.	1.9	78
102	Contraindicated Use of Cisapride. <i>JAMA - Journal of the American Medical Association</i> , 2000, 284, 3036.	7.4	232
103	Inhibitors of hydroxymethylglutaryl-coenzyme A reductase and risk of fracture among older women. <i>Lancet, The</i> , 2000, 355, 2185-2188.	13.7	386
104	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.	8.6	50
105	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.	2.4	42
106	Impact of Alcohol Consumption and Cigarette Smoking on Stroke Among the Elderly in Taiwan. <i>Stroke</i> , 1995, 26, 790-794.	2.0	38
107	Incidence of rheumatoid arthritis in central massachusetts. <i>Arthritis and Rheumatism</i> , 1993, 36, 1691-1696.	6.7	53
108	An equilibrium model of drug utilization. <i>Journal of Clinical Epidemiology</i> , 1993, 46, 113-121.	5.0	14

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109	Patterns of interchange in the dispensing of non-steroidal anti-inflammatory drugs. Journal of Clinical Epidemiology, 1992, 45, 187-195.	5.0	42
110	Harvard Pilgrim Health Care/Harvard Vanguard Medical Associates. , 0, , 285-293.		13
111	The HMO Research Network. , 0, , 261-269.		6
112	NSAIDsâ€™ COX-2 Inhibitorsâ€™ Risks and Benefits. , 0, , 583-602.		0