

Chayakrit Krittanawong

List of Publications by Citations

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104
papers

1,306
citations

15
h-index

34
g-index

121
ext. papers

1,981
ext. citations

4.6
avg, IF

5.34
L-index

#	Paper	IF	Citations
104	Artificial Intelligence in Precision Cardiovascular Medicine. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2657-2664	15.1	393
103	Deep learning for cardiovascular medicine: a practical primer. <i>European Heart Journal</i> , 2019 , 40, 2058-2073	7.3	104
102	The rise of artificial intelligence and the uncertain future for physicians. <i>European Journal of Internal Medicine</i> , 2018 , 48, e13-e14	3.9	67
101	Machine learning prediction in cardiovascular diseases: a meta-analysis. <i>Scientific Reports</i> , 2020 , 10, 16057	7.9	61
100	Usefulness of Cardiac Rehabilitation After Spontaneous Coronary Artery Dissection. <i>American Journal of Cardiology</i> , 2016 , 117, 1604-1609	3	49
99	Future Direction for Using Artificial Intelligence to Predict and Manage Hypertension. <i>Current Hypertension Reports</i> , 2018 , 20, 75	4.7	43
98	Association between short and long sleep durations and cardiovascular outcomes: a systematic review and meta-analysis. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2019 , 8, 762-770	4.3	42
97	Integrating blockchain technology with artificial intelligence for cardiovascular medicine. <i>Nature Reviews Cardiology</i> , 2020 , 17, 1-3	14.8	37
96	Association of Serum Magnesium on Mortality in Patients Admitted to the Intensive Cardiac Care Unit. <i>American Journal of Medicine</i> , 2017 , 130, 229.e5-229.e13	2.4	33
95	Integration of novel monitoring devices with machine learning technology for scalable cardiovascular management. <i>Nature Reviews Cardiology</i> , 2021 , 18, 75-91	14.8	33
94	Conditions and Factors Associated With Spontaneous Coronary Artery Dissection (from a National Population-Based Cohort Study). <i>American Journal of Cardiology</i> , 2019 , 123, 249-253	3	30
93	Is white rice consumption a risk for metabolic and cardiovascular outcomes? A systematic review and meta-analysis. <i>Heart Asia</i> , 2017 , 9, e010909	1.9	24
92	Deep Learning With Unsupervised Feature in Echocardiographic Imaging. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2100-2101	15.1	21
91	Trends in Incidence, Characteristics, and In-Hospital Outcomes of Patients Presenting With Spontaneous Coronary Artery Dissection (From a National Population-Based Cohort Study Between 2004 and 2015). <i>American Journal of Cardiology</i> , 2018 , 122, 1617-1623	3	20
90	Pokhron Go: digital health interventions to reduce cardiovascular risk. <i>Cardiology in the Young</i> , 2017 , 27, 1625-1626	1	16
89	Cardiovascular complications after Zika virus infection. <i>International Journal of Cardiology</i> , 2016 , 221, 859	3.2	15
88	Hyponatremia in Heart Failure: Pathogenesis and Management. <i>Current Cardiology Reviews</i> , 2019 , 15, 252-261	2.4	15

87	Age-Stratified Sex Disparities in Care and Outcomes in Patients With ST-Elevation Myocardial Infarction. <i>American Journal of Medicine</i> , 2020 , 133, 1293-1301.e1	2.4	14
86	Big data, artificial intelligence, and cardiovascular precision medicine. <i>Expert Review of Precision Medicine and Drug Development</i> , 2018 , 3, 305-317	1.6	14
85	Pharmacogenomics of angiotensin receptor/neprilysin inhibitor and its long-term side effects. <i>Cardiovascular Therapeutics</i> , 2017 , 35, e12272	3.3	13
84	2,3,5,4'-Tetrahydroxystilbene-2-O-β-glucoside eliminates ischemia/reperfusion injury-induced H9c2 cardiomyocytes apoptosis involving in Bcl-2, Bax, caspase-3, and Akt activation. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 10972	4.7	13
83	How artificial intelligence could redefine clinical trials in cardiovascular medicine: lessons learned from oncology. <i>Personalized Medicine</i> , 2019 , 16, 83-88	2.2	12
82	Sleep Duration and Cardiovascular Health in a Representative Community Population (from NHANES, 2005 to 2016). <i>American Journal of Cardiology</i> , 2020 , 127, 149-155	3	11
81	Current Management and Future Directions of Heart Failure With Preserved Ejection Fraction: a Contemporary Review. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2018 , 20, 28	2.1	11
80	Coronavirus disease 2019 (COVID-19) and cardiovascular risk: A meta-analysis. <i>Progress in Cardiovascular Diseases</i> , 2020 , 63, 527-528	8.5	10
79	Autoimmune Rheumatic Diseases and Premature Atherosclerotic Cardiovascular Disease: An Analysis From the VITAL Registry. <i>American Journal of Medicine</i> , 2020 , 133, 1424-1432.e1	2.4	10
78	Association Between Egg Consumption and Risk of Cardiovascular Outcomes: A Systematic Review and Meta-Analysis. <i>American Journal of Medicine</i> , 2021 , 134, 76-83.e2	2.4	9
77	Future Physicians in the Era of Precision Cardiovascular Medicine. <i>Circulation</i> , 2017 , 136, 1572-1574	16.7	8
76	Pet Ownership and Cardiovascular Health in the US General Population. <i>American Journal of Cardiology</i> , 2020 , 125, 1158-1161	3	8
75	Fish Consumption and Cardiovascular Health: A Systematic Review. <i>American Journal of Medicine</i> , 2021 , 134, 713-720	2.4	8
74	Crowdfunding for cardiovascular research. <i>International Journal of Cardiology</i> , 2018 , 250, 268-269	3.2	7
73	Practical Pharmacogenomic Approaches to Heart Failure Therapeutics. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2016 , 18, 60	2.1	7
72	Cardiovascular risk and complications associated with COVID-19. <i>American Journal of Cardiovascular Disease</i> , 2020 , 10, 479-489	0.9	7
71	Updates in Spontaneous Coronary Artery Dissection. <i>Current Cardiology Reports</i> , 2020 , 22, 123	4.2	7
70	Machine learning and deep learning to predict mortality in patients with spontaneous coronary artery dissection. <i>Scientific Reports</i> , 2021 , 11, 8992	4.9	7

69	Tweeting influenza vaccine to cardiovascular health community. <i>European Journal of Cardiovascular Nursing</i> , 2017 , 16, 704-706	3.3	6
68	A transcriptomic model to predict increase in fibrous cap thickness in response to high-dose statin treatment: Validation by serial intracoronary OCT imaging. <i>EBioMedicine</i> , 2019 , 44, 41-49	8.8	6
67	Recurrent spontaneous coronary artery dissection in the United States. <i>International Journal of Cardiology</i> , 2020 , 301, 34-37	3.2	6
66	Echocardiographic Data in Artificial Intelligence Research: Primer on Concepts of Big Data and Latent States. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 170-172	8.4	6
65	Clinical features and prognosis of patients with spontaneous coronary artery dissection. <i>International Journal of Cardiology</i> , 2020 , 312, 33-36	3.2	6
64	Meditation and Cardiovascular Health in the US. <i>American Journal of Cardiology</i> , 2020 , 131, 23-26	3	5
63	Should We Recommend Cardiac Rehabilitation in Patients With Spontaneous Coronary Artery Dissection?. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 472-473	15.1	5
62	Meta-Analysis Comparing Frequency of Overweight Versus Normal Weight in Patients With New-Onset Heart Failure. <i>American Journal of Cardiology</i> , 2018 , 121, 836-843	3	4
61	Insights from Twitter about novel COVID-19 symptoms. <i>European Heart Journal Digital Health</i> , 2020 , 1, 4-5	2.3	4
60	Facility-Level Variation in Reported Statin-Associated Side Effects Among Patients with Atherosclerotic Cardiovascular Disease-Perspective from the Veterans Affairs Healthcare System. <i>Cardiovascular Drugs and Therapy</i> , 2021 , 1	3.9	4
59	Identifying Genotypes and Phenotypes of Cardiovascular Diseases Using Big Data Analytics. <i>JAMA Cardiology</i> , 2017 , 2, 1169-1170	16.2	3
58	Systemic sclerosis and the risk of perioperative major adverse cardiovascular events for inpatient non-cardiac surgery. <i>International Journal of Rheumatic Diseases</i> , 2019 , 22, 1023-1028	2.3	3
57	The Difficulty in Identifying Pregnancy-Associated Coronary Artery Dissection Using Nationwide Inpatient Databases. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 468	15.1	3
56	Artificial Intelligence-Powered Blockchains for Cardiovascular Medicine. <i>Canadian Journal of Cardiology</i> , 2021 ,	3.8	3
55	Predictors of In-Hospital Mortality after Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2020 , 125, 251-257	3	3
54	Mushroom Consumption and Cardiovascular Health: A Systematic Review. <i>American Journal of Medicine</i> , 2021 , 134, 637-642.e2	2.4	3
53	Artificial Intelligence in Global Health. <i>European Heart Journal</i> , 2021 , 42, 2321-2322	9.5	3
52	Is caffeine or coffee consumption a risk for new-onset atrial fibrillation? A systematic review and meta-analysis. <i>European Journal of Preventive Cardiology</i> , 2020 , 2047487320908385	3.9	2

51	Healthcare in the 21st century. <i>European Journal of Internal Medicine</i> , 2017 , 38, e17	3.9	2
50	Speckle tracking echocardiography in early detection of myocardial injury in a rat model with stress cardiomyopathy. <i>Medical Ultrasonography</i> , 2019 , 21, 441-448	1.4	2
49	Non-traditional risk factors and the risk of myocardial infarction in the young in the US population-based cohort. <i>IJC Heart and Vasculature</i> , 2020 , 30, 100634	2.4	2
48	Predictors of 30-day re-admissions in patients with infective endocarditis: a national population based cohort study. <i>Reviews in Cardiovascular Medicine</i> , 2020 , 21, 123-127	3.9	2
47	Egg Consumption and Risk of Cardiovascular Disease: a Critical Review. <i>Current Emergency and Hospital Medicine Reports</i> , 2021 , 9, 25-37	0.9	2
46	Hospital Readmission in Patients With Spontaneous Coronary Artery Dissection. <i>American Journal of Cardiology</i> , 2021 , 151, 39-44	3	2
45	Trends in the Inpatient Burden of Coronary Artery Disease in Granulomatosis With Polyangiitis: A Study of a Large National Dataset. <i>Journal of Rheumatology</i> , 2021 , 48, 548-554	4.1	2
44	Significant Facility-Level Variation in Utilization of and Adherence with Secondary Prevention Therapies Among Patients with Premature Atherosclerotic Cardiovascular Disease: Insights from the VITAL (Veterans with premaTure Atherosclerosis) Registry7. <i>Cardiovascular Drugs and Therapy</i> , 2021 , 1	3.9	2
43	Revascularization in Patients With Spontaneous Coronary Artery Dissection: Where Are We Now?. <i>Journal of the American Heart Association</i> , 2021 , 10, e018551	6	2
42	Prevalence and predictors of cost-related medication nonadherence in individuals with cardiovascular disease: Results from the Behavioral Risk Factor Surveillance System (BRFSS) survey. <i>Preventive Medicine</i> , 2021 , 153, 106715	4.3	2
41	Artificial Intelligence and Cardiovascular Genetics.. <i>Life</i> , 2022 , 12,	3	2
40	The Head and the Heart: Potential Long-Term Side Effect of ARNI. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 1879-1880	15.1	1
39	DPP-4 inhibitors and heart failure: a potential role for pharmacogenomics. <i>Heart Failure Reviews</i> , 2018 , 23, 355-361	5	1
38	Sitagliptin and Risk of Heart Failure in Patients With Type 2 Diabetes: A Meta-Analysis. <i>JACC: Heart Failure</i> , 2016 , 4, 910	7.9	1
37	Association of PCSK9 Variants with the Risk of Atherosclerotic Cardiovascular Disease and Variable Responses to PCSK9 Inhibitor Therapy. <i>Current Problems in Cardiology</i> , 2021 , 101043	17.1	1
36	Mining twitter to understand the smoking cessation barriers. <i>World Journal of Cardiology</i> , 2017 , 9, 794-795		1
35	TeleHealth in the digital revolution era. <i>European Heart Journal</i> , 2021 , 42, 2033-2035	9.5	1
34	Big Data and Genome Editing Technology: A New Paradigm of Cardiovascular Genomics. <i>Current Cardiology Reviews</i> , 2017 , 13, 301-304	2.4	1

33	Trends, Prevalence, and Outcomes of Sudden Cardiac Arrest Post Cardiac Transplant: A Nationwide 16-Year Study. <i>Current Problems in Cardiology</i> , 2021 , 100901	17.1	1
32	Clinical characteristics and mortality after acute myocardial infarction-related hospitalization among Asians from a national population-based cohort study. <i>Progress in Cardiovascular Diseases</i> , 2021 , 67, 108-110	8.5	1
31	Time to start implementing Lean and Six Sigma in the catheterization laboratory. <i>Cardiovascular Revascularization Medicine</i> , 2016 , 17, 503	1.6	1
30	Fibrinolytic Therapy in Patients with Acute ST-elevation Myocardial Infarction. <i>Interventional Cardiology Clinics</i> , 2021 , 10, 381-390	1.4	1
29	Public perception of heart failure on twitter: A sentiment analysis. <i>Progress in Cardiovascular Diseases</i> , 2021 , 68, 91-93	8.5	1
28	Atrial fibrillation signatures on intracardiac electrograms identified by deep learning.. <i>Computers in Biology and Medicine</i> , 2022 , 145, 105451	7	1
27	nCorrelates of SGLT-2-inhibitors Use Among Patients with Atherosclerotic Cardiovascular Disease and Type 2 Diabetes Mellitus: Insights from the Department of Veterans Affairs.. <i>American Heart Journal</i> , 2021 ,	4.9	1
26	Big Data Analytics, the Microbiome, Host-omic and Bug-omic Data and Risk for Cardiovascular Disease. <i>Heart Lung and Circulation</i> , 2018 , 27, e26-e27	1.8	0
25	Misconceptions and Facts About Cardiac Amyloidosis. <i>American Journal of Cardiology</i> , 2021 , 160, 99-105	3	0
24	Long-Term Outcomes Comparing Medical Therapy versus Revascularization for Spontaneous Coronary Artery Dissection. <i>American Journal of Medicine</i> , 2021 , 134, e403-e408	2.4	0
23	Impact of a High-Shrimp Diet on Cardiovascular Risk: An NHANES Analysis. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 506-508	6.4	0
22	Substance Use and Premature Atherosclerotic Cardiovascular Disease (From the CDC Behavioral Risk Factor Surveillance System [BRFSS] Survey). <i>American Journal of Cardiology</i> , 2021 , 152, 177-178	3	0
21	Impact of Pulmonary Hypertension on In-Hospital Outcomes and 30-Day Readmissions Following Percutaneous Coronary Interventions. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 2058-2066	6.4	0
20	Incidence and Predictors of Sudden Cardiac Arrest in Sarcoidosis: A Nationwide Analysis. <i>JACC: Clinical Electrophysiology</i> , 2021 , 7, 1087-1095	4.6	0
19	Individual sentiments on telehealth in the COVID-19 era: Insights from Twitter.. <i>Progress in Cardiovascular Diseases</i> , 2022 , 71, 100-100	8.5	0
18	Useful strategies for the emerging of Zika pandemic and its silent cardiovascular complications. <i>European Journal of Preventive Cardiology</i> , 2017 , 24, 1988-1990	3.9	
17	Impact of metabolic syndrome and systemic inflammation on endothelial function in postmenopausal women.. <i>Turk Kardiyoloji Dernegi Arsivi</i> , 2022 , 50, 57-65	0.3	
16	Mining Twitter to understand the cardiac rehabilitation barriers and patients' perceptions. <i>BMJ Innovations</i> , 2019 , 5, 56-59	1.8	

15	Cardiology at University Hospital Reina Sofia de Cordoba, Spain. <i>European Heart Journal</i> , 2021 , 42, 2035-2038	9.5
14	Trends in pneumococcal vaccination in patients presenting with acute coronary syndrome in the United States. <i>Progress in Cardiovascular Diseases</i> , 2021 , 67, 111-113	8.5
13	Impact of Reverse Left Ventricular Remodeling on Outcomes of Patients with Anomalous Left Coronary Artery from the Pulmonary Artery after Surgical Correction. <i>Pediatric Cardiology</i> , 2021 , 42, 425-431	2.1
12	Lipocalin 2: could it be a new biomarker in pediatric pulmonary hypertension associated with congenital heart disease?. <i>Reviews in Cardiovascular Medicine</i> , 2021 , 22, 531-536	3.9
11	Social media and predictive analysis regarding dietary approaches to stop hypertension. <i>Progress in Cardiovascular Diseases</i> , 2021 , 68, 88-90	8.5
10	The Reply. <i>American Journal of Medicine</i> , 2021 , 134, e466	2.4
9	Gender Differences in Premature Coronary Artery Disease (from the National Data from the NHANES Database). <i>American Journal of Cardiology</i> , 2021 , 153, 142-144	3
8	Opportunities and challenges for artificial intelligence in clinical cardiovascular genetics. <i>Trends in Genetics</i> , 2021 , 37, 780-783	8.5
7	A comparison of cardiovascular risk factors between Asian-Americans and non-Asian Americans: An analysis from the NHANES database. <i>Progress in Cardiovascular Diseases</i> , 2021 , 68, 94-96	8.5
6	Meta-Analysis of Percutaneous Coronary Intervention of Chronic Total Occlusions. <i>American Journal of Cardiology</i> , 2021 , 159, 148-151	3
5	The Reply. <i>American Journal of Medicine</i> , 2021 , 134, e532	2.4
4	Meta-Analysis Comparing Percutaneous Closure Versus Medical Therapy for Patent Foramen Ovale.. <i>American Journal of Cardiology</i> , 2022 ,	3
3	Blood lead level in Chinese adults with and without coronary artery disease.. <i>Journal of Geriatric Cardiology</i> , 2021 , 18, 857-866	1.7
2	Meta-Analysis of Brief Dual-Antiplatelet Therapy Duration After Percutaneous Coronary Intervention.. <i>American Journal of Cardiology</i> , 2022 ,	3
1	Strength training and cardiovascular health: A meta-analysis.. <i>Progress in Cardiovascular Diseases</i> , 2022 ,	8.5