

Chayakrit Krittanawong

List of Publications by Year in descending order

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Version: 2024-02-01

119
papers

2,645
citations

331670

21
h-index

214800

47
g-index

121
all docs

121
docs citations

121
times ranked

3656
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial Intelligence in Precision Cardiovascular Medicine. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2657-2664.	2.8	643
2	Deep learning for cardiovascular medicine: a practical primer. <i>European Heart Journal</i> , 2019, 40, 2058-2073.	2.2	218
3	Machine learning prediction in cardiovascular diseases: a meta-analysis. <i>Scientific Reports</i> , 2020, 10, 16057.	3.3	182
4	The rise of artificial intelligence and the uncertain future for physicians. <i>European Journal of Internal Medicine</i> , 2018, 48, e13-e14.	2.2	122
5	Integration of novel monitoring devices with machine learning technology for scalable cardiovascular management. <i>Nature Reviews Cardiology</i> , 2021, 18, 75-91.	13.7	113
6	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.	1.0	88
7	Integrating blockchain technology with artificial intelligence for cardiovascular medicine. <i>Nature Reviews Cardiology</i> , 2020, 17, 1-3.	13.7	83
8	Usefulness of Cardiac Rehabilitation After Spontaneous Coronary Artery Dissection. <i>American Journal of Cardiology</i> , 2016, 117, 1604-1609.	1.6	72
9	Future Direction for Using Artificial Intelligence to Predict and Manage Hypertension. <i>Current Hypertension Reports</i> , 2018, 20, 75.	3.5	62
10	Conditions and Factors Associated With Spontaneous Coronary Artery Dissection (from a National) <i>TJ ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.6	51
11	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.	1.5	46
12	Hyponatremia in Heart Failure: Pathogenesis and Management. <i>Current Cardiology Reviews</i> , 2019, 15, 252-261.	1.5	41
13	Sleep Duration and Cardiovascular Health in a Representative Community Population (from NHANES.) <i>Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 5</i>	1.6	38
14	Misinformation Dissemination in Twitter in the COVID-19 Era. <i>American Journal of Medicine</i> , 2020, 133, 1367-1369.	1.5	37
15	Is white rice consumption a risk for metabolic and cardiovascular outcomes? A systematic review and meta-analysis. <i>Heart Asia</i> , 2017, 9, e010909.	1.1	34
16	Machine learning and deep learning to predict mortality in patients with spontaneous coronary artery dissection. <i>Scientific Reports</i> , 2021, 11, 8992.	3.3	34
17	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.	1.5	33
18	Trends in Incidence, Characteristics, and In-Hospital Outcomes of Patients Presenting With Spontaneous Coronary Artery Dissection (From a National Population-Based Cohort Study Between) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.6	31

#	ARTICLE	IF	CITATIONS
19	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.	1.5	30
20	Mushroom Consumption and Cardiovascular Health: A Systematic Review. <i>American Journal of Medicine</i> , 2021, 134, 637-642.e2.	1.5	29
21	Fish Consumption and Cardiovascular Health: A Systematic Review. <i>American Journal of Medicine</i> , 2021, 134, 713-720.	1.5	24
22	Deep Learning With Unsupervised Feature in Echocardiographic Imaging. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2100-2101.	2.8	23
23	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.	1.5	22
24	Coronavirus disease 2019 (COVID-19) and cardiovascular risk: A meta-analysis. <i>Progress in Cardiovascular Diseases</i> , 2020, 63, 527-528.	3.1	21
25	Pet Ownership and Cardiovascular Health in the US General Population. <i>American Journal of Cardiology</i> , 2020, 125, 1158-1161.	1.6	21
26	Pokémon Go: digital health interventions to reduce cardiovascular risk. <i>Cardiology in the Young</i> , 2017, 27, 1625-1626.	0.8	20
27	Pharmacogenomics of angiotensin receptor/neprilysin inhibitor and its long-term side effects. <i>Cardiovascular Therapeutics</i> , 2017, 35, e12272.	2.5	20
28	Recurrent spontaneous coronary artery dissection in the United States. <i>International Journal of Cardiology</i> , 2020, 301, 34-37.	1.7	19
29	Big data, artificial intelligence, and cardiovascular precision medicine. <i>Expert Review of Precision Medicine and Drug Development</i> , 2018, 3, 305-317.	0.7	18
30	2,3,5,4-Tetrahydroxystilbene-O-palmitate 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, 10972-10977.	2.6	18
31	How artificial intelligence could redefine clinical trials in cardiovascular medicine: lessons learned from oncology. <i>Personalized Medicine</i> , 2019, 16, 87-92.	1.5	18
32	Artificial Intelligence-Powered Blockchains for Cardiovascular Medicine. <i>Canadian Journal of Cardiology</i> , 2022, 38, 185-195.	1.7	18
33	Updates in Spontaneous Coronary Artery Dissection. <i>Current Cardiology Reports</i> , 2020, 22, 123.	2.9	17
34	Clinical features and prognosis of patients with spontaneous coronary artery dissection. <i>International Journal of Cardiology</i> , 2020, 312, 33-36.	1.7	16
35	Revascularization in Patients With Spontaneous Coronary Artery Dissection: Where Are We Now?. <i>Journal of the American Heart Association</i> , 2021, 10, e018551.	3.7	16
36	Cardiovascular complications after Zika virus infection. <i>International Journal of Cardiology</i> , 2016, 221, 859.	1.7	15

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37	Crowdfunding for cardiovascular research. <i>International Journal of Cardiology</i> , 2018, 250, 268-269.	1.7	14
38	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.	0.9	13
39	Artificial Intelligence and Cardiovascular Genetics. <i>Life</i> , 2022, 12, 279.	2.4	13
40	Future Physicians in the Era of Precision Cardiovascular Medicine. <i>Circulation</i> , 2017, 136, 1572-1574.	1.6	11
41	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.	1.4	11
42	Alcohol Consumption and Cardiovascular Health. <i>American Journal of Medicine</i> , 2022, 135, 1213-1230.e3.	1.5	11
43	Artificial Intelligence in Global Health. <i>European Heart Journal</i> , 2021, 42, 2321-2322.	2.2	10
44	Association of premature atherosclerotic cardiovascular disease with higher risk of cancer: a behavioral risk factor surveillance system study. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 493-501.	1.8	10
45	Incidence and Predictors of Sudden Cardiac Arrest in Sarcoidosis. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 1087-1095.	3.2	10
46	Cardiovascular risk and complications associated with COVID-19. <i>American Journal of Cardiovascular Disease</i> , 2020, 10, 479-489.	0.5	10
47	Association of PCSK9 Variants With the Risk of Atherosclerotic Cardiovascular Disease and Variable Responses to PCSK9 Inhibitor Therapy. <i>Current Problems in Cardiology</i> , 2022, 47, 101043.	2.4	10
48	Association of Optimism with Cardiovascular Events and All-Cause Mortality: Systematic Review and Meta-Analysis. <i>American Journal of Medicine</i> , 2022, 135, 856-863.e2.	1.5	10
49	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.	6.1	9
50	Echocardiographic Data in Artificial Intelligence Research. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 170-172.	5.3	9
51	Predictors of In-Hospital Mortality after Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2020, 125, 251-257.	1.6	8
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> , 2021, 28, e13-e15.	1.8	8
53	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.	1.1	8
54	Practical Pharmacogenomic Approaches to Heart Failure Therapeutics. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2016, 18, 60.	0.9	7

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55	Tweeting influenza vaccine to cardiovascular health community. <i>European Journal of Cardiovascular Nursing</i> , 2017, 16, 704-706.	0.9	7
56	Meditation and Cardiovascular Health in the US. <i>American Journal of Cardiology</i> , 2020, 131, 23-26.	1.6	7
57	Hospital Readmission in Patients With Spontaneous Coronary Artery Dissection. <i>American Journal of Cardiology</i> , 2021, 151, 39-44.	1.6	7
58	Misconceptions and Facts About Cardiac Amyloidosis. <i>American Journal of Cardiology</i> , 2021, 160, 99-105.	1.6	7
59	Insights from Twitter about novel COVID-19 symptoms. <i>European Heart Journal Digital Health</i> , 2020, 1, 4-5.	1.7	7
60	State-Level Social Vulnerability Index and Healthcare Access: The Behavioral Risk Factor Surveillance System Survey. <i>American Journal of Preventive Medicine</i> , 2022, 63, 403-409.	3.0	7
61	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.	1.9	6
62	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.	2.6	6
63	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.	3.4	6
64	Atrial fibrillation signatures on intracardiac electrograms identified by deep learning. <i>Computers in Biology and Medicine</i> , 2022, 145, 105451.	7.0	6
65	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.	2.8	5
66	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.	2.0	5
67	Association Between Cinnamon Consumption and Risk of Cardiovascular Health: A Systematic Review and Meta-Analysis. <i>American Journal of Medicine</i> , 2021, , .	1.5	5
68	Correlates 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, , .	2.7	5
69	The Head and the Heart. <i>Journal of the American College of Cardiology</i> , 2017, 69, 1879-1880.	2.8	4
70	Identifying Genotypes and Phenotypes of Cardiovascular Diseases Using Big Data Analytics. <i>JAMA Cardiology</i> , 2017, 2, 1169.	6.1	4
71	Healthcare in the 21st century. <i>European Journal of Internal Medicine</i> , 2017, 38, e17.	2.2	4
72	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.	1.6	4

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73	DPP-4 inhibitors and heart failure: a potential role for pharmacogenomics. <i>Heart Failure Reviews</i> , 2018, 23, 355-361.	3.9	4
74	Mining twitter to understand the smoking cessation barriers. <i>World Journal of Cardiology</i> , 2017, 9, 794.	1.5	4
75	Association of Social Gaming with Well-Being (Escape COVID-19): A Sentiment Analysis. <i>American Journal of Medicine</i> , 2022, 135, 254-257.	1.5	4
76	Outcomes of Transcatheter Aortic Valve Implantation in Patients With Chronic and End-Stage Kidney Disease. <i>American Journal of Cardiology</i> , 2022, 164, 100-102.	1.6	4
77	Time to start implementing Lean and Six Sigma in the catheterization laboratory. <i>Cardiovascular Revascularization Medicine</i> , 2016, 17, 503.	0.8	3
78	MACRA in the era of big data: Implications for clinical practice. <i>International Journal of Cardiology</i> , 2018, 260, 226-227.	1.7	3
79	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.	2.8	3
80	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) Registry. <i>Cardiovascular Drugs and Therapy</i> , 2021, , 1.	2.6	3
81	Egg Consumption and Risk of Cardiovascular Disease: a Critical Review. <i>Current Emergency and Hospital Medicine Reports</i> , 2021, 9, 25-37.	1.5	3
82	Long-Term Outcomes Comparing Medical Therapy versus Revascularization for Spontaneous Coronary Artery Dissection. <i>American Journal of Medicine</i> , 2021, 134, e403-e408.	1.5	3
83	Fibrinolytic Therapy in Patients with Acute ST-elevation Myocardial Infarction. <i>Interventional Cardiology Clinics</i> , 2021, 10, 381-390.	0.4	3
84	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.	3.0	3
85	Speckle tracking echocardiography in early detection of myocardial injury in a rat model with stress cardiomyopathy. <i>Medical Ultrasonography</i> , 2019, 21, 441.	0.8	3
86	Big Data and Genome Editing Technology: A New Paradigm of Cardiovascular Genomics. <i>Current Cardiology Reviews</i> , 2017, 13, 301-304.	1.5	3
87	Sitagliptin and Risk of Heart Failure in Patients With Type 2 Diabetes. <i>JACC: Heart Failure</i> , 2016, 4, 910.	4.1	2
88	Impact of a High-Shrimp Diet on Cardiovascular Risk. <i>Mayo Clinic Proceedings</i> , 2021, 96, 506-508.	3.0	2
89	Public perception of heart failure on twitter: A sentiment analysis. <i>Progress in Cardiovascular Diseases</i> , 2021, 68, 91-93.	3.1	2
90	The next step in deep learning-guided clinical trials. , 2022, 1, 286-288.		2

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91	Individual sentiments on telehealth in the COVID-19 era: Insights from Twitter. Progress in Cardiovascular Diseases, 2022, 71, 100-102.	3.1	2
92	Strength training and cardiovascular health: A meta-analysis. Progress in Cardiovascular Diseases, 2022, 73, 85-87.	3.1	2
93	Cardiovascular Safety of Evolocumab: a Systematic Review and Meta-Analysis. Cardiovascular Drugs and Therapy, 2016, 30, 645-646.	2.6	1
94	Useful strategies for the emerging of Zika pandemic and its silent cardiovascular complications. European Journal of Preventive Cardiology, 2017, 24, 1988-1990.	1.8	1
95	Big Data Analytics, the Microbiome, Host-omic and Bug-omic Data and Risk for Cardiovascular Disease. Heart Lung and Circulation, 2018, 27, e26-e27.	0.4	1
96	Trends, Prevalence, and Outcomes of Sudden Cardiac Arrest Post Cardiac Transplant: A Nationwide 16-Year Study. Current Problems in Cardiology, 2021, , 100901.	2.4	1
97	Clinical characteristics and mortality after acute myocardial infarction-related hospitalization among Asians from a national population-based cohort study. Progress in Cardiovascular Diseases, 2021, 67, 108-110.	3.1	1
98	Substance Use and Premature Atherosclerotic Cardiovascular Disease (From the CDC Behavioral Risk) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	1
99	Opportunities and challenges for artificial intelligence in clinical cardiovascular genetics. Trends in Genetics, 2021, 37, 780-783.	6.7	1
100	Meta-Analysis of Percutaneous Coronary Intervention of Chronic Total Occlusions. American Journal of Cardiology, 2021, 159, 148-151.	1.6	1
101	TeleHealth in the digital revolution era. European Heart Journal, 2021, 42, 2033-2035.	2.2	1
102	Outcomes of rotational atherectomy followed by cutting balloon versus plain balloon before drug-eluting stent implantation for calcified coronary lesions: A meta-analysis. Catheterization and Cardiovascular Interventions, 2022, 99, 1741-1749.	1.7	1
103	Readmission in Patients With ST-Elevation Myocardial Infarction in 4 Age Groups (<45, >45 to) Tj ETQq1 1 0.784314 rgBT /Overl	1.6	1
104	Impact of Reverse Left Ventricular Remodeling on Outcomes of Patients with Anomalous Left Coronary Artery from the Pulmonary Artery after Surgical Correction. Pediatric Cardiology, 2021, 42, 425-431.	1.3	0
105	Lipocalin 2: could it be a new biomarker in pediatric pulmonary hypertension associated with congenital heart disease?. Reviews in Cardiovascular Medicine, 2021, 22, 531.	1.4	0
106	Trends in pneumococcal vaccination in patients presenting with acute coronary syndrome in the United States. Progress in Cardiovascular Diseases, 2021, 67, 111-113.	3.1	0
107	Social media and predictive analysis regarding dietary approaches to stop hypertension. Progress in Cardiovascular Diseases, 2021, 68, 88-90.	3.1	0
108	The Reply. American Journal of Medicine, 2021, 134, e466.	1.5	0

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109	Gender Differences in Premature Coronary Artery Disease (from the National Data from the NHANES) Tj ETQq1 1 0.784314 rgBT /Ove	1.6	0
110	A comparison of cardiovascular risk factors between Asian-Americans and non-Asian Americans: An analysis from the NHANES database. Progress in Cardiovascular Diseases, 2021, 68, 94-96.	3.1	0
111	The Reply. American Journal of Medicine, 2021, 134, e532.	1.5	0
112	Mining Twitter to understand the cardiac rehabilitation barriers and patientsâ€™™ perceptions. BMJ Innovations, 2019, 5, 56-59.	1.7	0
113	Cardiology at University Hospital Reina Sofia de Cordoba, Spain. European Heart Journal, 2021, 42, 2035-2038.	2.2	0
114	Abstract 14653: Genome-wide Association Study of Peripheral Artery Disease and Critical Limb Ischemia Identifies Novel Genetic Loci and Coagulation Pathways. Circulation, 2020, 142, .	1.6	0
115	Abstract 12569: Analysis of Deep Learning Models for Prediction of Heart Failure Mortality. Circulation, 2020, 142, .	1.6	0
116	Impact of metabolic syndrome and systemic inflammation on endothelial function in postmenopausal women. , 2022, 50, 57-85.		0
117	Meta-Analysis Comparing Percutaneous Closure Versus Medical Therapy for Patent Foramen Ovale. American Journal of Cardiology, 2022, , .	1.6	0
118	Blood lead level in Chinese adults with and without coronary artery disease.. Journal of Geriatric Cardiology, 2021, 18, 857-866.	0.2	0
119	Meta-Analysis of Brief Dual-Antiplatelet Therapy Duration After Percutaneous Coronary Intervention. American Journal of Cardiology, 2022, , .	1.6	0