Hong-Bing Yan

List of Publications by Year
in descending order

70 papers	1,369 citations	686830 13 h-index	395343 33 g-index
79 all docs	79 docs citations	79 times ranked	1782 citing authors

#	Article	IF	Citations
1	Quality of primary health care in China: challenges and recommendations. Lancet, The, 2020, 395, 1802-1812.	6.3	391
2	Thrombin-activated platelet-derived exosomes regulate endothelial cell expression of ICAM-1 via microRNA-223 during the thrombosis-inflammation response. Thrombosis Research, 2017, 154, 96-105.	0.8	139
3	Thrombin Stimulated Platelet-Derived Exosomes Inhibit Platelet-Derived Growth Factor Receptor-Beta Expression in Vascular Smooth Muscle Cells. Cellular Physiology and Biochemistry, 2016, 38, 2348-2365.	1.1	86
4	Plasma Trimethylamine N-Oxide as a Novel Biomarker for Plaque Rupture in Patients With ST-Segmentâ€“Elevation Myocardial Infarction. Circulation: Cardiovascular Interventions, 2019, 12, e007281.	1.4	78
5	Randomized Comparisons of Double-Dose Clopidogrel or Adjunctive Cilostazol Versus Standard Dual Antiplatelet in Patients With High Posttreatment Platelet Reactivity. Circulation, 2018, 137, 2231-2245.	1.6	68
6	Hourly Air Pollutants and Acute Coronary Syndrome Onset in 1.29 Million Patients. Circulation, 2022, 145, 1749-1760.	1.6	68
7	Relation of Circulating Trimethylamine N-Oxide With Coronary Atherosclerotic Burden in Patients With ST-segment Elevation Myocardial Infarction. American Journal of Cardiology, 2019, 123, 894-898.	0.7	35
8	Costs and Benefits Associated With Transradial Versus Transfemoral Percutaneous Coronary Intervention in China. Journal of the American Heart Association, 2016, 5, .	1.6	30
9	Implications of Periprocedural Myocardial Biomarker Elevations and Commonly Used MI Definitions After Left Main PCI. JACC: Cardiovascular Interventions, 2021, 14, 1623-1634.	1.1	27
10	Relationships of coronary culprit-plaque characteristics with duration of diabetes mellitus in acute myocardial infarction: an intravascular optical coherence tomography study. Cardiovascular Diabetology, 2019, 18, 136.	2.7	26
11	Risk Factors of Contrast-induced Acute Kidney Injury in Patients Undergoing Emergency Percutaneous Coronary Intervention. Chinese Medical Journal, 2017, 130, 45-50.	0.9	25
12	Intravascular Ultrasound Guidance Improves the Long-term Prognosis in Patients with Unprotected Left Main Coronary Artery Disease Undergoing Percutaneous Coronary Intervention. Scientific Reports, 2017, 7, 2377.	1.6	23
13	Validation of contemporary risk scores in predicting coronary thrombotic events and major bleeding in patients with acute coronary syndrome after drugâ€eluting stent implantations. Catheterization and Cardiovascular Interventions, 2018, 91, 573-581.	0.7	21
14	Correlation of Myocardial Strain and Late Gadolinium Enhancement by Cardiac Magnetic Resonance After a First Anterior ST-Segment Elevation Myocardial Infarction. Frontiers in Cardiovascular Medicine, 2021, 8, 705487.	1.1	19
15	Triglyceride glucose index combined with plaque characteristics as a novel biomarker for cardiovascular outcomes after percutaneous coronary intervention in ST-elevated myocardial infarction patients: an intravascular optical coherence tomography study. Cardiovascular Diabetology, 2021, 20, 131.	2.7	18
16	Protocol of the China ST-segment elevation myocardial infarction (STEMI) Care Project (CSCAP): a 10-year project to improve quality of care by building up a regional STEMI care network. BMJ Open, 2019, 9, e026362.	0.8	16
17	Association Between Plasma Trimethylamine N-oxide and Neoatherosclerosis in Patients With Very Late Stent Thrombosis. Canadian Journal of Cardiology, 2020, 36, 1252-1260.	0.8	13
18	RNA-seq identifies circulating miRNAs as potential biomarkers for plaque rupture in patients with ST-segment elevation myocardial infarction. Genomics, 2021, 113, 1-10.	1.3	13

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19	Improvement of Image Quality and Diagnostic Performance by an Innovative Motion-Correction Algorithm for Prospectively ECG Triggered Coronary CT Angiography. PLoS ONE, 2015, 10, e0142796.	1.1	11
20	Firstâ€inâ€man study of a thinnerâ€strut sirolimusâ€eluting bioresorbable scaffold (FUTUREâ€I): Threeâ€year clinical and imaging outcomes. Catheterization and Cardiovascular Interventions, 2020, 95, 648-657.	0.7	11
21	China Tongxinluo Study for myocardial protection in patients with Acute Myocardial Infarction (CTS-AMI): Rationale and design of a randomized, double-blind, placebo-controlled, multicenter clinical trial. American Heart Journal, 2020, 227, 47-55.	1.2	11
22	High Plasma Myeloperoxidase Is Associated with Plaque Erosion in Patients with ST-Segment Elevation Myocardial Infarction. Journal of Cardiovascular Translational Research, 2020, 13, 908-915.	1.1	11
23	Association of Trimethylamine N-Oxide Levels and Calcification in Culprit Lesion Segments in Patients With ST-Segmentâ€“Elevation Myocardial Infarction Evaluated by Optical Coherence Tomography. Frontiers in Cardiovascular Medicine, 2021, 8, 628471.	1.1	11
24	LATS2 Deletion Attenuates Myocardial Ischemia-Reperfusion Injury by Promoting Mitochondrial Biogenesis. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-11.	1.9	11
25	Prevalence and impact of metabolic syndrome in patients with multivessel coronary artery disease and acute coronary syndrome. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 2693-2699.	1.1	11
26	A risk score to predict postdischarge bleeding among acute coronary syndrome patients undergoing percutaneous coronary intervention: BRICâ€ACS study. Catheterization and Cardiovascular Interventions, 2019, 93, 1194-1204.	0.7	10
27	Both Low and High Postprocedural hsCRP Associate with Increased Risk of Death in Acute Coronary Syndrome Patients Treated by Percutaneous Coronary Intervention. Mediators of Inflammation, 2020, 2020, 1-9.	1.4	10
28	Associations of NETs with inflammatory risk and atherosclerotic severity in ST-segment elevation myocardial infarction. Thrombosis Research, 2021, 203, 5-11.	0.8	10
29	Coronary Endothelium No-Reflow Injury Is Associated with ROS-Modified Mitochondrial Fission through the JNK-Drp1 Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-11.	1.9	10
30	Assessing the association of appropriateness of coronary revascularization and 1-year clinical outcomes for patients with stable coronary artery disease in China. Chinese Medical Journal, 2020, 133, 1-8.	0.9	9
31	Association between Admission Hyperglycemia and Culprit Lesion Characteristics in Nondiabetic Patients with Acute Myocardial Infarction: An Intravascular Optical Coherence Tomography Study. Journal of Diabetes Research, 2020, 2020, 1-12.	1.0	9
32	Prognostic Value of D-dimer in patients with acute coronary syndrome treated by percutaneous coronary intervention: a retrospective cohort study. Thrombosis Journal, 2021, 19, 30.	0.9	9
33	Association between trimethylamine Nâ€oxide and prognosis of patients with acute myocardial infarction and heart failure. ESC Heart Failure, 2022, 9, 3846-3857.	1.4	9
34	Comparison of Transradial and Transfemoral Approaches in Women Undergoing Percutaneous Coronary Intervention in China: A Retrospective Observational Study. Angiology, 2017, 68, 799-806.	0.8	8
35	Estimation of Major Adverse Cardiovascular Events in Patients With Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention: A Risk Prediction Score Model From a Derivation and Validation Study. Frontiers in Cardiovascular Medicine, 2020, 7, 603621.	1.1	8
36	Impact of Postprocedural High-Sensitivity C-Reactive Protein on Lipoprotein(a)-Associated Cardiovascular Risk with ST-Segment Elevation Myocardial Infarction With Percutaneous Coronary Intervention. American Journal of Cardiology, 2021, 150, 8-14.	0.7	8

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37	Wild-type p53-induced Phosphatase 1 Deficiency Exacerbates Myocardial Infarction-induced Ischemic Injury. Chinese Medical Journal, 2017, 130, 1333-1341.	0.9	8
38	Association between Variation of Troponin and Prognosis of Acute Myocardial Infarction before and after Primary Percutaneous Coronary Intervention. Journal of Interventional Cardiology, 2020, 2020, 1-13.	0.5	7
39	Effect of comprehensive remote ischemic conditioning in anterior STâ€elevation myocardial infarction undergoing primary percutaneous coronary intervention: Design and rationale of the CORICâ€MI randomized trial. Clinical Cardiology, 2018, 41, 997-1003.	0.7	6
40	Prognostic impacts of Î²-blockers in acute coronary syndrome patients without heart failure treated by percutaneous coronary intervention. Pharmacological Research, 2021, 169, 105614.	3.1	6
41	Addition of Plasma Myeloperoxidase and Trimethylamine N-Oxide to the GRACE Score Improves Prediction of Near-Term Major Adverse Cardiovascular Events in Patients With ST-Segment Elevation Myocardial Infarction. Frontiers in Pharmacology, 2021, 12, 632075.	1.6	5
42	Plasma Pentraxin-3 Combined with Plaque Characteristics Predict Cardiovascular Risk in ST-Segment Elevated Myocardial Infarction: An Optical Coherence Tomography Study. Journal of Inflammation Research, 2021, Volume 14, 4409-4419.	1.6	5
43	A Propensity Score Matching Analysis of Transradial Versus Transfemoral Approaches in Octogenarians Undergoing Percutaneous Coronary Intervention. Acta Cardiologica Sinica, 2019, 35, 301-307.	0.1	5
44	High Human Antimicrobial Peptide LL-37 Level Predicts Lower Major Adverse Cardiovascular Events after an Acute ST-Segment Elevation Myocardial Infarction. Journal of Atherosclerosis and Thrombosis, 2022, 29, 1499-1510.	0.9	5
45	Combined with ticagrelor, 50 mg aspirin daily can reduce bleeding events without increasing ischemic risk compared with 75â€“100 mg aspirin daily in coronary artery disease patients: insights from the TIFU (Ticagrelor in Fuwai Hospital) study. Platelets, 2020, 31, 788-794.	1.1	4
46	Trimethylamine N-Oxide Was Not Associated With 30-Day Left Ventricular Systolic Dysfunction in Patients With a First Anterior ST-Segment Elevation Myocardial Infarction After Primary Revascularization: A Sub-analysis From an Optical Coherence Tomography Registry. Frontiers in Cardiovascular Medicine, 2020, 7, 613684.	1.1	4
47	Association of plasma trimethylamine N-Oxide level with healed culprit plaques examined by optical coherence tomography in patients with ST-Segment elevation myocardial infarction. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 145-152.	1.1	4
48	Direct Oral Anticoagulants versus Vitamin K Antagonists for Patients with Left Ventricular Thrombus: A Systematic Review and Meta-Analysis. Polish Archives of Internal Medicine, 2021, 131, 429-438.	0.3	4
49	Acquired Cardiomyopathy Caused by Cardiac Tsc1 Deficiency. Journal of Genetics and Genomics, 2014, 41, 73-77.	1.7	3
50	A Comparison of Transradial and Transfemoral Percutaneous Coronary Intervention in Chinese Women Based on a Propensity Score Analysis. Korean Circulation Journal, 2018, 48, 719.	0.7	3
51	Liraglutide reduces coronary endothelial cells no-reflow damage through activating MAPK/ERK signaling pathway. Journal of Receptor and Signal Transduction Research, 2021, 41, 553-557.	1.3	3
52	Clinical characteristics of early and late drug-eluting stent in-stent restenosis and mid-term prognosis after repeated percutaneous coronary intervention. Chinese Medical Journal, 2020, 133, 2674-2681.	0.9	3
53	Ticagrelor Versus Clopidogrel in Patients with Late or Very Late Stent Thrombosis. Cardiovascular Drugs and Therapy, 2020, 34, 677-684.	1.3	3
54	Î±Bâ€crystallin/HSPB2 is critical for hyperactive mTORâ€induced cardiomyopathy. Journal of Cellular Physiology, 2021, , .	2.0	2

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55	Impact of residual thrombus burden on ventricular deformation after acute myocardial infarction: A sub-analysis from an intravascular optical coherence tomography study. EClinicalMedicine, 2021, 39, 101058.	3.2	2
56	Proprotein Convertase Subtilisin/Kexin Type 9 and Systemic Inflammatory Biomarker Pentraxin 3 for Risk Stratification Among STEMI Patients Undergoing Primary PCI. Journal of Inflammation Research, 2021, Volume 14, 5319-5335.	1.6	2
57	Prognostic Impacts of Angiotensin-Converting Enzyme Inhibitors and Angiotensin Receptor Blockers in Acute Coronary Syndrome Patients Without Heart Failure. Frontiers in Pharmacology, 2022, 13, 663811.	1.6	2
58	Development and Validation of a Prediction Rule for Major Adverse Cardiac and Cerebrovascular Events in High-Risk Myocardial Infarction Patients After Primary Percutaneous Coronary Intervention. Clinical Interventions in Aging, 0, Volume 17, 1099-1111.	1.3	2
59	Mis-estimation of coronary lesions and rectification by SYNTAX score feedback for coronary revascularization appropriateness. Chinese Medical Journal, 2020, 133, 1276-1284.	0.9	1
60	The Association Between Plasma Hyaluronan Level and Plaque Types in ST-Segmentâ€“Elevation Myocardial Infarction Patients. Frontiers in Cardiovascular Medicine, 2021, 8, 628529.	1.1	1
61	Mean Platelet Volume/Platelet Count Ratio and Culprit Plaque Morphologies: An Optical Coherence Tomography Study in Patients with ST Segment Elevation Myocardial Infarction. Journal of Cardiovascular Translational Research, 2021, 14, 1093-1103.	1.1	1
62	Prognostic value of characteristics of plaque combined with residual syntax score among patients with STEMI undergoing primary PCI: an intravascular optical coherence tomography study. Thrombosis Journal, 2021, 19, 85.	0.9	1
63	Association Between Preinfarction Angina and Culprit Lesion Morphology in Patients With ST-Segment Elevation Myocardial Infarction: An Optical Coherence Tomography Study. Frontiers in Cardiovascular Medicine, 2021, 8, 678822.	1.1	1
64	Prognostic Value of Age-Adjusted D-Dimer Cutoff Thresholds in Patients with Acute Coronary Syndrome Treated by Percutaneous Coronary Intervention. Clinical Interventions in Aging, 2022, Volume 17, 117-128.	1.3	1
65	Thrombosis and Major Bleeding Risk After Primary PCI Among Patients With Multivessel Coronary Artery Disease. Frontiers in Cardiovascular Medicine, 2021, 8, 729432.	1.1	1
66	Culprit-Plaque Morphology and Residual SYNTAX Score Predict Cardiovascular Risk in Acute Myocardial Infarction: An Optical Coherence Tomography Study. Journal of Atherosclerosis and Thrombosis, 2021, , .	0.9	0
67	Residual SYNTAX Score in Relation to Coronary Culprit Plaque Characteristics and Cardiovascular Risk in ST Segment Elevation Myocardial Infarction: an Intravascular Optical Coherence Tomography Study. Journal of Cardiovascular Translational Research, 2021, , 1.	1.1	0
68	What is the optimal initiation timing of angiotensin converting enzyme inhibitor treatment for maximum benefits in acute myocardial infarction patients?. Chinese Medical Journal, 2011, 124, 464-6.	0.9	0
69	The relationship between Hemoglobin A1c and the maximal plaque stress of culprit ruptured plaques in patients with ST-segment elevated myocardial infarction. International Journal of Cardiology, 2022, 358, 1-7.	0.8	0
70	High-Risk Culprit Plaque Predicts Cardiovascular Outcomes Independently of Plaque Rupture in ST-Segment Elevation Myocardial Infarction: Insight From Optical Coherence Tomography. Angiology, 2022, , 000331972210877.	0.8	0