

Ke Xu

List of Publications by Year in descending order

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87
papers

8,428
citations

76326

40
h-index

53230

85
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89
all docs

89
docs citations

89
times ranked

8389
citing authors

#	ARTICLE	IF	CITATIONS
1	5-Year Follow-Up From the PARTNER 2 Aortic Valve-in-Valve Registry for Degenerated Aortic Surgical Bioprostheses. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 698-708.	2.9	13
2	A Novel Classification Model for Lower-Grade Glioma Patients Based on Pyroptosis-Related Genes. <i>Brain Sciences</i> , 2022, 12, 700.	2.3	14
3	Peritumoral Edema Is Associated With Postoperative Hemorrhage and Reoperation Following Vestibular Schwannoma Surgery. <i>Frontiers in Oncology</i> , 2021, 11, 633350.	2.8	3
4	Prosthesis-Patient Mismatch After Aortic Valve Replacement in the PARTNER 2 Trial and Registry. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 1466-1477.	2.9	52
5	Impact of Flow on Prosthesis-Patient Mismatch Following Transcatheter and Surgical Aortic Valve Replacement. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012364.	2.6	13
6	Structural Deterioration of Transcatheter Versus Surgical Aortic Valve Bioprostheses in the PARTNER-2 Trial. <i>Journal of the American College of Cardiology</i> , 2020, 76, 1830-1843.	2.8	119
7	Five-Year Outcomes of Transcatheter or Surgical Aortic-Valve Replacement. <i>New England Journal of Medicine</i> , 2020, 382, 799-809.	27.0	520
8	Echocardiographic Results of Transcatheter Versus Surgical Aortic Valve Replacement in Low-Risk Patients. <i>Circulation</i> , 2020, 141, 1527-1537.	1.6	89
9	Association among P1A1/A2 gene polymorphism, laboratory aspirin resistance and clinical outcomes in patients with coronary artery disease: An updated meta-analysis. <i>Scientific Reports</i> , 2019, 9, 13177.	3.3	15
10	Real Life Use of Imaging in the Management of Newly Diagnosed Patients with Myeloma- Practical Perspectives from a UK Hospital. <i>Blood</i> , 2019, 134, 5513-5513.	1.4	0
11	Is routine post-procedural anticoagulation warranted after primary percutaneous coronary intervention in ST-segment elevation myocardial infarction? Insights from the HORIZONS-AMI trial. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2017, 6, 650-658.	1.0	6
12	Sex Differences in the Clinical Impact of High Platelet Reactivity After Percutaneous Coronary Intervention With Drug-Eluting Stents. <i>Circulation: Cardiovascular Interventions</i> , 2017, 10, .	3.9	27
13	Atrial Fibrillation is Associated with Increased Pacemaker Implantation Rates in the Placement of Aortic Transcatheter Valve (PARTNER) Trial. <i>Journal of Atrial Fibrillation</i> , 2017, 10, 1494.	0.5	11
14	Response to Letter Regarding Article, "Proton Pump Inhibitors, Platelet Reactivity, and Cardiovascular Outcomes After Drug-Eluting Stents in Clopidogrel-Treated Patients: The ADAPT-DES Study". <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, e003530.	3.9	0
15	Surgical Versus Percutaneous Femoral Access for Delivery of Large-Bore Cardiovascular Devices (from the PARTNER Trial). <i>American Journal of Cardiology</i> , 2016, 117, 1643-1650.	1.6	19
16	Atrial Fibrillation Is Associated With Increased Mortality in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, e002766.	3.9	79
17	Differences in Underlying Culprit Lesion Morphology Between Men and Women. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 498-499.	5.3	21
18	Increased coronary lipid accumulation in heart transplant recipients with prior high-grade cellular rejection: novel insights from near-infrared spectroscopy. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 225-234.	1.5	7

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19	PEGylation of MnO nanoparticles via catecholâ€“ Mn chelation to improving ¹ T ₂ -weighted magnetic resonance imaging application. Journal of Applied Polymer Science, 2015, 132, .	2.6	7
20	Analysis of biomarkers for risk of acute kidney injury after primary angioplasty for acute STâ€“segment elevation myocardial infarction: Results of the HORIZONSâ€“AMI trial. Catheterization and Cardiovascular Interventions, 2015, 85, 335-342.	1.7	22
21	Prevalence and Impact of High Platelet Reactivity in Chronic Kidney Disease. Circulation: Cardiovascular Interventions, 2015, 8, e001683.	3.9	65
22	In vivo comparison between cardiac allograft vasculopathy and native atherosclerosis using near-infrared spectroscopy and intravascular ultrasound. European Heart Journal Cardiovascular Imaging, 2015, 16, 985-91.	1.2	6
23	Surgical Versus Percutaneous Coronary Revascularization for Multivessel Disease in Diabetic Patients With Nonâ€“ST-Segmentâ€“Elevation Acute Coronary Syndrome. Circulation: Cardiovascular Interventions, 2015, 8, .	3.9	26
24	Fabrication and evaluation of tumor-targeted positive MRI contrast agent based on ultrasml MnO nanoparticles. Colloids and Surfaces B: Biointerfaces, 2015, 131, 148-154.	5.0	22
25	Is There an Ideal Level of Platelet P2Y ₁₂ -Receptor Inhibition in Patients Undergoing Percutaneous Coronary Intervention?. JACC: Cardiovascular Interventions, 2015, 8, 1978-1987.	2.9	31
26	A Randomized Evaluation of the SAPIEN XT Transcatheter Heart Valve System in Patients With Aortic Stenosis Who Are Not Candidates for Surgery. JACC: Cardiovascular Interventions, 2015, 8, 1797-1806.	2.9	90
27	Predictors and Clinical Outcomes of Permanent Pacemaker Implantation After Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2015, 8, 60-69.	2.9	441
28	Comparison of Plaque Characteristics in Narrowings With ST-Elevation Myocardial Infarction (STEMI), Non-STEMI/Unstable Angina Pectoris and Stable Coronary Artery Disease (from the ADAPT-DES) Tj ETQq0 0.0 rgBT /Overlock 10		
29	Effect of Obesity on Coronary Atherosclerosis and Outcomes of Percutaneous Coronary Intervention. Circulation: Cardiovascular Interventions, 2015, 8, .	3.9	18
30	Cerebrovascular Events After a Primary Percutaneous Coronary Intervention Strategy for Acute ST-Segmentâ€“Elevation Myocardial Infarction. Circulation: Cardiovascular Interventions, 2015, 8, .	3.9	4
31	Age-Related Effects of Smoking on Coronary Artery Disease Assessed by Gray Scale and Virtual Histology Intravascular Ultrasound. American Journal of Cardiology, 2015, 115, 1056-1062.	1.6	12
32	The Self-assembly of a Mini-fibril with Axial Periodicity from a Designed Collagen-mimetic Triple Helix. Journal of Biological Chemistry, 2015, 290, 9251-9261.	3.4	17
33	Proton Pump Inhibitors, Platelet Reactivity, and Cardiovascular Outcomes After Drug-Eluting Stents in Clopidogrel-Treated Patients. Circulation: Cardiovascular Interventions, 2015, 8, .	3.9	46
34	Chronic pacing and adverse outcomes after transcatheter aortic valve implantation. Heart, 2015, 101, 1665-1671.	2.9	117
35	Impact of Contrast-Induced Acute Kidney Injury After Percutaneous Coronary Intervention on Short- and Long-Term Outcomes. Circulation: Cardiovascular Interventions, 2015, 8, e002475.	3.9	148
36	Sexâ€“based differences in bleeding and long term adverse events after percutaneous coronary intervention for acute myocardial infarction: Three year results from the HORIZONSâ€“AMI trial. Catheterization and Cardiovascular Interventions, 2015, 85, 359-368.	1.7	112

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37	SYNTAX score and the risk of stent thrombosis after percutaneous coronary intervention in patients with non-ST-segment elevation acute coronary syndromes: An ACUITY trial substudy. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 85, 1-10.	1.7	32
38	Paravalvular regurgitation after transcatheter aortic valve replacement with the Edwards sapien valve in the PARTNER trial: characterizing patients and impact on outcomes. <i>European Heart Journal</i> , 2015, 36, 449-456.	2.2	380
39	Incidence, predictors, and impact of neurological events in non-ST-segment elevation acute coronary syndromes: the ACUITY trial. <i>EuroIntervention</i> , 2015, 11, 399-406.	3.2	5
40	Reasonable incomplete revascularisation after percutaneous coronary intervention: the SYNTAX Revascularisation Index. <i>EuroIntervention</i> , 2015, 11, 634-642.	3.2	30
41	Clinical implications of new-onset left bundle branch block after transcatheter aortic valve replacement: analysis of the PARTNER experience. <i>European Heart Journal</i> , 2014, 35, 1599-1607.	2.2	183
42	Incidence, Predictors, and Prognostic Impact of Late Bleeding Complications After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2014, 64, 2605-2615.	2.8	199
43	CPT loaded nanoparticles based on beta-cyclodextrin-grafted poly(ethylene glycol)/poly (l-glutamic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Biointerfaces, 2014, 113, 230-236.	5.0	38
44	Ischemic Outcomes After Coronary Intervention of Calcified Vessels in Acute Coronary Syndromes. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1845-1854.	2.8	343
45	Usefulness of the SYNTAX Score to Predict Acute Kidney Injury After Percutaneous Coronary Intervention (from the Acute Catheterization and Urgent Intervention Triage Strategy Trial). <i>American Journal of Cardiology</i> , 2014, 113, 1331-1337.	1.6	19
46	D-dimer levels predict ischemic and hemorrhagic outcomes after acute myocardial infarction: a HORIZONS-AMI biomarker substudy. <i>Journal of Thrombosis and Thrombolysis</i> , 2014, 37, 155-164.	2.1	49
47	Outcomes of Patients With Chronic Lung Disease and Severe Aortic Stenosis Treated With Transcatheter Versus Surgical Aortic Valve Replacement or Standard Therapy. <i>Journal of the American College of Cardiology</i> , 2014, 63, 269-279.	2.8	99
48	Bleeding Complications After Surgical Aortic Valve Replacement Compared With Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1100-1109.	2.8	167
49	Contrast-induced acute kidney injury after primary percutaneous coronary intervention: results from the HORIZONS-AMI substudy. <i>European Heart Journal</i> , 2014, 35, 1533-1540.	2.2	210
50	Relationship Between Intravascular Ultrasound Guidance and Clinical Outcomes After Drug-Eluting Stents. <i>Circulation</i> , 2014, 129, 463-470.	1.6	350
51	Impact of Atrial Fibrillation in Patients With ST-Elevation Myocardial Infarction Treated With Percutaneous Coronary Intervention (from the HORIZONS-AMI [Harmonizing Outcomes With] Tj ETQq1 1 0.784314 rgBT /Overlock 10 2014, 113, 236-242.	1.6	75
52	Incidence and Sequelae of Prosthesis-Patient Mismatch in Transcatheter Versus Surgical Valve Replacement in High-Risk Patients With Severe Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2014, 64, 1323-1334.	2.8	317
53	Optical Coherence Tomographic Evaluation of Transplant Coronary Artery Vasculopathy With Correlation to Cellular Rejection. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 199-206.	3.9	41
54	Postprocedural Anticoagulation for Specific Therapeutic Indications After Revascularization for ST-Segment Elevation Myocardial Infarction (from the Harmonizing Outcomes With Revascularization) Tj ETQq0 0 0.6rgBT /Overlock 10 T	0.6	0

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55	Outcomes With Post-Dilation Following Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2014, 7, 781-789.	2.9	83
56	Prognostic Utility of the SYNTAX Score in Patients With Single Versus Multivessel Disease Undergoing Percutaneous Coronary Intervention (from the Acute Catheterization and Urgent Intervention Triage) Tj ETQq0 0 0.1.9 BT / Overlock 10 Tf	1.9	10
57	Nanocapsules based on mPEGylated artesunate prodrug and its cytotoxicity. Colloids and Surfaces B: Biointerfaces, 2014, 115, 164-169.	5.0	19
58	Platelet reactivity and clinical outcomes after coronary artery implantation of drug-eluting stents (ADAPT-DES): a prospective multicentre registry study. Lancet, The, 2013, 382, 614-623.	13.7	740
59	Relation Between White Blood Cell Count and Final Infarct Size in Patients With ST-Segment Elevation Acute Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention (from the Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf	1.4	10
60	Clinical and Angiographic Characteristics of Patients Likely to Have Vulnerable Plaques. JACC: Cardiovascular Imaging, 2013, 6, 1263-1272.	5.3	67
61	Relationship between biomarkers and subsequent bleeding risk in ST-segment elevation myocardial infarction patients treated with paclitaxel-eluting stents: a HORIZONS-AMI substudy. Journal of Thrombosis and Thrombolysis, 2013, 35, 200-208.	2.1	6
62	Association Among Leukocyte Count, Mortality, and Bleeding in Patients With Non-â€“ST-Segment Elevation Acute Coronary Syndromes (from the Acute Catheterization and Urgent Intervention Triage) Tj ETQq0 0 0.1.9 BT / Overlock 10 Tf	1.9	10
63	Leukocyte Count Is a Modulating Factor for the Mortality Benefit of Bivalirudin in ST-Segmentâ€“Elevation Acute Myocardial Infarction. Circulation: Cardiovascular Interventions, 2013, 6, 518-526.	3.9	17
64	Stent thrombosis after primary angioplasty for STEMI in relation to non-adherence to dual antiplatelet therapy over time: results of the HORIZONS-AMI trial. EuroIntervention, 2013, 8, 1033-1039.	3.2	25
65	B-type Natriuretic Peptide and Risk of Contrast-Induced Acute Kidney Injury in Acute ST-Segmentâ€“Elevation Myocardial Infarction. Circulation: Cardiovascular Interventions, 2012, 5, 813-820.	3.9	41
66	A New Score for Risk Stratification of Patients With Acute Coronary Syndromes Undergoing Percutaneous Coronary Intervention. JACC: Cardiovascular Interventions, 2012, 5, 1108-1116.	2.9	37
67	Comparison of clinical and angiographic prognostic risk scores in patients with acute coronary syndromes: Analysis from the Acute Catheterization and Urgent Intervention Triage Strategy (ACUITY) trial. American Heart Journal, 2012, 163, 383-391.e5.	2.7	38
68	Clinical Outcomes Following Stent Thrombosis Occurring In-Hospital Versus Out-of-Hospital. Journal of the American College of Cardiology, 2012, 59, 1752-1759.	2.8	51
69	Clinical Outcomes After Transcatheter Aortic Valve Replacement Using Valve Academic Research Consortium Definitions. Journal of the American College of Cardiology, 2012, 59, 2317-2326.	2.8	517
70	Quantification and Impact of Untreated Coronary Artery Disease After Percutaneous Coronary Intervention. Journal of the American College of Cardiology, 2012, 59, 2165-2174.	2.8	310
71	Vascular Complications After Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2012, 60, 1043-1052.	2.8	452
72	TCT-892 Predictors of â€œfutilityâ€œ with transcatheter aortic valve replacement therapy (TAVR): An analysis from the PARTNER randomized trial. Journal of the American College of Cardiology, 2012, 60, B259.	2.8	1

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73	Development and Validation of a Stent Thrombosis Risk Score in Patients With Acute Coronary Syndromes. <i>JACC: Cardiovascular Interventions</i> , 2012, 5, 1097-1105.	2.9	101
74	Plaque Composition by Intravascular Ultrasound and Distal Embolization After Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, S111-S118.	5.3	50
75	Characteristics and Clinical Significance of Angiographically Mild Lesions in Acute Coronary Syndromes. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, S86-S94.	5.3	23
76	Coronary Plaque Composition, Morphology, and Outcomes in Patients With and Without Chronic Kidney Disease Presenting With Acute Coronary Syndromes. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, S53-S61.	5.3	93
77	Residual Plaque Burden in Patients With Acute Coronary Syndromes After Successful Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, S76-S85.	5.3	40
78	Plaque Composition and Clinical Outcomes in Acute Coronary Syndrome Patients With Metabolic Syndrome or Diabetes. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, S42-S52.	5.3	113
79	Relationship between biomarkers and subsequent clinical and angiographic restenosis after paclitaxel-eluting stents for treatment of STEMI: a HORIZONS-AMI substudy. <i>Journal of Thrombosis and Thrombolysis</i> , 2012, 34, 165-179.	2.1	14
80	Outcomes of Patients Treated With Triple Antithrombotic Therapy After Primary Percutaneous Coronary Intervention for ST-Elevation Myocardial Infarction (from the Harmonizing Outcomes With) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf of Cardiology</i> , 2012, 109, 831-838.	1.6	54
81	Age- and gender-related changes in plaque composition in patients with acute coronary syndrome: the PROSPECT study. <i>EuroIntervention</i> , 2012, 8, 929-938.	3.2	78
82	Prognostic Value of the SYNTAX Score in Patients With Acute Coronary Syndromes Undergoing Percutaneous Coronary Intervention. <i>Journal of the American College of Cardiology</i> , 2011, 57, 2389-2397.	2.8	241
83	Impact of Intravascular Ultrasound Imaging on Early and Late Clinical Outcomes Following Percutaneous Coronary Intervention With Drug-Eluting Stents. <i>JACC: Cardiovascular Interventions</i> , 2011, 4, 974-981.	2.9	106
84	Impact of In-Hospital Major Bleeding on Late Clinical Outcomes After Primary Percutaneous Coronary Intervention in Acute Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2011, 58, 1750-1756.	2.8	127
85	Impact of Leukocyte Count on Mortality and Bleeding in Patients With Myocardial Infarction Undergoing Primary Percutaneous Coronary Interventions. <i>Circulation</i> , 2011, 123, 2829-2837.	1.6	62
86	Predictors and Implications of Stent Thrombosis in Nonâ€“ST-Segment Elevation Acute Coronary Syndromes. <i>Circulation: Cardiovascular Interventions</i> , 2011, 4, 577-584.	3.9	38
87	Recombinant Collagen Studies Link the Severe Conformational Changes Induced by Osteogenesis Imperfecta Mutations to the Disruption of a Set of Interchain Salt Bridges. <i>Journal of Biological Chemistry</i> , 2008, 283, 34337-34344.	3.4	34