

Xavier Rossello

List of Publications by Year in descending order

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Version: 2024-02-01

118
papers

3,244
citations

147801

31
h-index

182427

51
g-index

126
all docs

126
docs citations

126
times ranked

4119
citing authors

#	ARTICLE	IF	CITATIONS
1	Myocardial Edema After Ischemia/Reperfusion Is Not Stable and Follows Bimodal Pattern. <i>Journal of the American College of Cardiology</i> , 2015, 65, 315-323.	2.8	185
2	The RISK pathway and beyond. <i>Basic Research in Cardiology</i> , 2018, 113, 2.	5.9	156
3	Predicting 30-Day Mortality for Patients With Acute Heart Failure in the Emergency Department. <i>Annals of Internal Medicine</i> , 2017, 167, 698.	3.9	152
4	Prevalence and Prognostic Significance of Malnutrition in Patients With Acute Coronary Syndrome. <i>Journal of the American College of Cardiology</i> , 2020, 76, 828-840.	2.8	114
5	Long-Term Use of Cardiovascular Drugs. <i>Journal of the American College of Cardiology</i> , 2015, 66, 1273-1285.	2.8	111
6	Global geographical variations in ST-segment elevation myocardial infarction management and post-discharge mortality. <i>International Journal of Cardiology</i> , 2017, 245, 27-34.	1.7	91
7	Risk prediction tools in cardiovascular disease prevention: A report from the ESC Prevention of CVD Programme led by the European Association of Preventive Cardiology (EAPC) in collaboration with the Acute Cardiovascular Care Association (ACCA) and the Association of Cardiovascular Nursing and Allied Professions (ACNAP). <i>European Journal of Preventive Cardiology</i> , 2019, 26, 1534-1544.	1.8	87
8	Triglycerides and Residual Atherosclerotic Risk. <i>Journal of the American College of Cardiology</i> , 2021, 77, 3031-3041.	2.8	82
9	Remote ischaemic conditioning reduces infarct size in animal <i>in vivo</i> models of ischaemia-reperfusion injury: a systematic review and meta-analysis. <i>Cardiovascular Research</i> , 2017, 113, cvw219.	3.8	71
10	Impact of COVID-19 on ST-segment elevation myocardial infarction care. The Spanish experience. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2020, 73, 994-1002.	0.6	65
11	Impact of mineralocorticoid receptor antagonists on the risk of sudden cardiac death in patients with heart failure and left-ventricular systolic dysfunction: an individual patient-level meta-analysis of three randomized-controlled trials. <i>Clinical Research in Cardiology</i> , 2019, 108, 477-486.	3.3	64
12	In-hospital outcomes of COVID-19 ST-elevation myocardial infarction patients. <i>EuroIntervention</i> , 2021, 16, 1426-1433.	3.2	61
13	The role of PI3K β isoform in cardioprotection. <i>Basic Research in Cardiology</i> , 2017, 112, 66.	5.9	56
14	Clinical phenotypes of acute heart failure based on signs and symptoms of perfusion and congestion at emergency department presentation and their relationship with patient management and outcomes. <i>European Journal of Heart Failure</i> , 2019, 21, 1353-1365.	7.1	56
15	2020 Update of the quality indicators for acute myocardial infarction: a position paper of the Association for Acute Cardiovascular Care: the study group for quality indicators from the ACVC and the NSTEMI-ACS guideline group. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 224-233.	1.0	54
16	Characterization of the Langendorff Perfused Isolated Mouse Heart Model of Global Ischemia-Reperfusion Injury. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2016, 21, 286-295.	2.0	53
17	Impact of Pulmonary Artery Catheter Use on Short- and Long-Term Mortality in Patients with Cardiogenic Shock. <i>Cardiology</i> , 2017, 136, 61-69.	1.4	52
18	Assessment of Inducible Myocardial Ischemia, Quality of Life, and Functional Status After Successful Percutaneous Revascularization in Patients With Chronic Total Coronary Occlusion. <i>American Journal of Cardiology</i> , 2016, 117, 720-726.	1.6	51

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19	Glycated Hemoglobin and Subclinical Atherosclerosis in People Without Diabetes. <i>Journal of the American College of Cardiology</i> , 2021, 77, 2777-2791.	2.8	49
20	Cardioprotection. <i>Circulation</i> , 2016, 134, 574-575.	1.6	46
21	Machine Learning Improves Cardiovascular Risk Definition for Young, Asymptomatic Individuals. <i>Journal of the American College of Cardiology</i> , 2020, 76, 1674-1685.	2.8	44
22	Editor's Choice- Pathophysiology and therapy of myocardial ischaemia/reperfusion syndrome. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2019, 8, 443-456.	1.0	42
23	External Validation of the MEESSE Acute Heart Failure Risk Score. <i>Annals of Internal Medicine</i> , 2019, 170, 248.	3.9	40
24	In-Hospital Coronary Revascularization Rates and Post-Discharge Mortality Risk in Non-ST-Segment Elevation Acute Coronary Syndrome. <i>Journal of the American College of Cardiology</i> , 2019, 74, 1454-1461.	2.8	37
25	Predictors of all-cause mortality and ischemic events within and beyond 1 year after an acute coronary syndrome: Results from the EPICOR registry. <i>Clinical Cardiology</i> , 2019, 42, 111-119.	1.8	37
26	Sex differences in mineralocorticoid receptor antagonist trials: a pooled analysis of three large clinical trials. <i>European Journal of Heart Failure</i> , 2020, 22, 834-844.	7.1	36
27	Analysis of How Emergency Physicians' Decisions to Hospitalize or Discharge Patients With Acute Heart Failure Match the Clinical Risk Categories of the MEESSE-AHF Scale. <i>Annals of Emergency Medicine</i> , 2019, 74, 204-215.	0.6	35
28	New Electrocardiographic Criteria to Differentiate Acute Pericarditis and Myocardial Infarction. <i>American Journal of Medicine</i> , 2014, 127, 233-239.	1.5	34
29	Regional variations in hospital management and post-discharge mortality in patients with non-ST-segment elevation acute coronary syndrome. <i>Clinical Research in Cardiology</i> , 2018, 107, 836-844.	3.3	34
30	Bone marrow activation in response to metabolic syndrome and early atherosclerosis. <i>European Heart Journal</i> , 2022, 43, 1809-1828.	2.2	34
31	A critical review on the translational journey of cardioprotective therapies!. <i>International Journal of Cardiology</i> , 2016, 220, 176-184.	1.7	33
32	MRAs in Elderly HF Patients. <i>JACC: Heart Failure</i> , 2019, 7, 1012-1021.	4.1	33
33	Metoprolol blunts the time-dependent progression of infarct size. <i>Basic Research in Cardiology</i> , 2020, 115, 55.	5.9	32
34	Increased production of functional small extracellular vesicles in senescent endothelial cells. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 4871-4876.	3.6	32
35	Utilidad de la escala MEESSE para la estratificación del riesgo de pacientes con insuficiencia cardiaca aguda en servicios de urgencias. <i>Revista Espanola De Cardiologia</i> , 2019, 72, 198-207.	1.2	31
36	Acute Heart Failure in the 2021 ESC Heart Failure Guidelines: a scientific statement from the Association for Acute Cardiovascular Care (ACVC) of the European Society of Cardiology. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2022, 11, 173-185.	1.0	31

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37	Role of PI3K in myocardial ischaemic preconditioning: mapping pro-survival cascades at the trigger phase and at reperfusion. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 926-935.	3.6	30
38	Improvement of myocardial function and perfusion after successful percutaneous revascularization in patients with chronic total coronary occlusion. <i>International Journal of Cardiology</i> , 2013, 169, 147-152.	1.7	29
39	Risk prediction tools in cardiovascular disease prevention: A report from the ESC Prevention of CVD Programme led by the European Association of Preventive Cardiology (EAPC) in collaboration with the Acute Cardiovascular Care Association (ACCA) and the Association of Cardiovascular Nursing and Allied Professions (ACNAP). <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 522-532.	1.0	28
40	Primary and Secondary Outcome Reporting in Randomized Trials. <i>Journal of the American College of Cardiology</i> , 2021, 78, 827-839.	2.8	28
41	Risk prediction tools in cardiovascular disease prevention: A report from the ESC Prevention of CVD Programme led by the European Association of Preventive Cardiology (EAPC) in collaboration with the Acute Cardiovascular Care Association (ACCA) and the Association of Cardiovascular Nursing and Allied Professions (ACNAP). <i>European Journal of Cardiovascular Nursing</i> , 2019, 18, 534-544.	0.9	26
42	Risk stratification scores for patients with acute heart failure in the Emergency Department: A systematic review. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 375-398.	1.0	26
43	Assessment of quality indicators for acute myocardial infarction management in 28 countries and use of composite quality indicators for benchmarking. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 911-922.	1.0	26
44	MEESSI-AHF risk score performance to predict multiple post-index event and post-discharge short-term outcomes. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 142-152.	1.0	26
45	Amphilimus- vs. zotarolimus-eluting stents in patients with diabetes mellitus and coronary artery disease: the SUGAR trial. <i>European Heart Journal</i> , 2022, 43, 1320-1330.	2.2	26
46	Spironolactone dose in heart failure with preserved ejection fraction: findings from TOPCAT. <i>European Journal of Heart Failure</i> , 2020, 22, 1615-1624.	7.1	24
47	Análisis de supervivencia en investigación cardiovascular (I): lo esencial. <i>Revista Española De Cardiología</i> , 2022, 75, 67-76.	1.2	24
48	Patients with acute heart failure discharged from the emergency department and classified as low risk by the MEESSI score (multiple risk estimate based on the Spanish emergency department scale): prevalence of adverse events and predictability. <i>Emergencias</i> , 2019, 31, 5-14.	0.6	24
49	Effect of risk of malnutrition on 30-day mortality among older patients with acute heart failure in Emergency Departments. <i>European Journal of Internal Medicine</i> , 2019, 65, 69-77.	2.2	23
50	Effect of Barthel Index on the Risk of Thirty-Day Mortality in Patients With Acute Heart Failure Attending the Emergency Department: A Cohort Study of Nine Thousand Ninety-Eight Patients From the Epidemiology of Acute Heart Failure in Emergency Departments Registry. <i>Annals of Emergency Medicine</i> , 2019, 73, 589-598.	0.6	22
51	Editor's Choice- Impact of insulin-treated diabetes on cardiovascular outcomes following high-risk myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2019, 8, 231-241.	1.0	22
52	Impact of malnutrition in the embolic-haemorrhagic trade-off of elderly patients with atrial fibrillation. <i>Europace</i> , 2020, 22, 878-887.	1.7	22
53	Planning to reduce 30-day adverse events after discharge of frail elderly patients with acute heart failure: design and rationale for the DEED FRAIL-AHF trial. <i>Emergencias</i> , 2019, 31, 27-35.	0.6	20
54	Rationale and design of the pragmatic clinical trial tREatment with Beta-blockers after myOcardial infarction withOut reduced ejection fracTion (REBOOT). <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2022, 8, 291-301.	3.0	19

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55	Association Between Body Size Phenotypes and Subclinical Atherosclerosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 3734-3744.	3.6	18
56	Survival analyses in cardiovascular research, part I: the essentials. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2022, 75, 67-76.	0.6	18
57	Prognostic implications of pulmonary artery catheter monitoring in patients with cardiogenic shock: A systematic review and meta-analysis of observational studies. <i>Journal of Critical Care</i> , 2022, 69, 154024.	2.2	18
58	Synergistic Impact of Systolic Blood Pressure and Perfusion Status on Mortality in Acute Heart Failure. <i>Circulation: Heart Failure</i> , 2021, 14, e007347.	3.9	17
59	Exogenous Administration of Recombinant MIF at Physiological Concentrations Failed to Attenuate Infarct Size in a Langendorff Perfused Isolated Mouse Heart Model. <i>Cardiovascular Drugs and Therapy</i> , 2016, 30, 445-453.	2.6	16
60	New Cancer Diagnosis After Bleeding in Anticoagulated Patients With Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2020, 9, e016836.	3.7	16
61	Survival analyses in cardiovascular research, part II: statistical methods in challenging situations. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2022, 75, 77-85.	0.6	16
62	Infarct Size Reduction by Targeting Ischemic Injury. <i>Circulation Research</i> , 2018, 122, 1041-1043.	4.5	15
63	Editor's Choice Impact of identifying precipitating factors on 30-day mortality in acute heart failure patients. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2019, 8, 667-680.	1.0	15
64	CIBER-CLAP (CIBERCV Cardioprotection Large Animal Platform): A multicenter preclinical network for testing reproducibility in cardiovascular interventions. <i>Scientific Reports</i> , 2019, 9, 20290.	3.3	15
65	Digital learning and the future cardiologist. <i>European Heart Journal</i> , 2019, 40, 499-501.	2.2	14
66	Influence of sex, age and race on coronary and heart failure events in patients with diabetes and post-acute coronary syndrome. <i>Clinical Research in Cardiology</i> , 2021, 110, 1612-1624.	3.3	14
67	Past, present, and future of mortality risk scores in the contemporary cardiac intensive care unit. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 940-946.	1.0	14
68	Prognostic value of plasma apelin concentrations at admission in patients with ST-segment elevation acute myocardial infarction. <i>Clinical Biochemistry</i> , 2017, 50, 279-284.	1.9	13
69	Eplerenone in patients with myocardial infarction and ejection fraction: An analysis from the EPHEBUS trial. <i>Clinical Cardiology</i> , 2019, 42, 1106-1112.	1.8	13
70	Myocardial Infarct Size Reduction Provided by Local and Remote Ischaemic Preconditioning: Reference Values from the Hatter Cardiovascular Institute. <i>Cardiovascular Drugs and Therapy</i> , 2018, 32, 127-133.	2.6	12
71	Análisis de la atención al infarto con elevación del segmento ST en España. Resultados del Registro de Código Infarto de la ACI-SEC. <i>Revista Espanola De Cardiologia</i> , 2022, 75, 669-680.	1.2	12
72	Assessment of the ESC quality indicators in patients with acute myocardial infarction: a systematic review. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 878-889.	1.0	11

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73	A new era in the management of type 2 diabetes: Is cardioprotection at long last a reality?. International Journal of Cardiology, 2017, 228, 198-200.	1.7	9
74	Accuracy of Area at Risk Quantification by Cardiac Magnetic Resonance According to the Myocardial Infarction Territory. Revista Espanola De Cardiologia (English Ed), 2017, 70, 323-330.	0.6	9
75	Mirabegron, a Clinically Approved Î²3 Adrenergic Receptor Agonist, Does Not Reduce Infarct Size in a Swine Model of Reperfused Myocardial Infarction. Journal of Cardiovascular Translational Research, 2018, 11, 310-318.	2.4	9
76	Impacto del territorio miocárdico infartado en la cuantificación del área en riesgo mediante cardi resonancia magnética. Revista Espanola De Cardiologia, 2017, 70, 323-330.	1.2	8
77	The Usefulness of the MEESI Score for Risk Stratification of Patients With Acute Heart Failure at the Emergency Department. Revista Espanola De Cardiologia (English Ed), 2019, 72, 198-207.	0.6	8
78	Analysis of standards of quality for outcomes in acute heart failure patients directly discharged home from emergency departments and their relationship with the emergency department direct discharge rate. Journal of Cardiology, 2021, 77, 245-253.	1.9	8
79	Impact of Sacubitril/Valsartan Treatment on Diastolic Function in Patients with Heart Failure and Reduced Ejection Fraction. High Blood Pressure and Cardiovascular Prevention, 2021, 28, 167-175.	2.2	8
80	Left Ventricular Remodeling Is No Longer a Relevant Outcome After Myocardial Infarction. JACC: Cardiovascular Imaging, 2019, 12, 2457-2459.	5.3	7
81	Second-Generation Drug-Eluting Stents in Diabetes (SUGAR) trial: Rationale and study design. American Heart Journal, 2020, 222, 174-182.	2.7	7
82	Coexistencia de progresión transmural y lateral del frente de onda en el infarto de miocardio humano. Revista Espanola De Cardiologia, 2021, 74, 870-877.	1.2	7
83	Thirty-day outcomes in frail older patients discharged home from the emergency department with acute heart failure: effects of high-risk criteria identified by the DEED FRAIL-AHF trial. Emergencias, 2021, 33, 165-173.	0.6	7
84	The Palma Echo Platform: Rationale and Design of an Echocardiography Core Lab. Frontiers in Cardiovascular Medicine, 0, 9, .	2.4	7
85	El modelo Clinical outcomes, healthcare resource utilization, and related costs (COHERENT). Aplicación en pacientes con insuficiencia cardiaca. Revista Espanola De Cardiologia, 2022, 75, 585-594.	1.2	6
86	Usefulness of Bleeding After Acute Coronary Syndromes for Unmasking Silent Cancer. American Journal of Cardiology, 2020, 125, 1801-1808.	1.6	5
87	Sex differences in mortality after an acute coronary syndrome increase with lower country wealth and higher income inequality. Revista Espanola De Cardiologia (English Ed), 2022, 75, 392-400.	0.6	5
88	Early intravenous nitroglycerin use in prehospital setting and in the emergency department to treat patients with acute heart failure: Insights from the EAHFE Spanish registry. International Journal of Cardiology, 2021, 344, 127-134.	1.7	5
89	Subclinical Coronary Atherosclerosis Identified by Coronary Computed Tomography Angiography in Asymptomatic Population by Coronary Artery Disease Risk Level. Revista Espanola De Cardiologia (English Ed), 2013, 66, 504-505.	0.6	4
90	R2 prime (R2*) magnetic resonance imaging for post-myocardial infarction intramyocardial haemorrhage quantification. European Heart Journal Cardiovascular Imaging, 2020, 21, 1031-1038.	1.2	4

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91	Has the Fourth Universal Definition of Myocardial Infarction led to better diagnosis and risk stratification?. <i>European Heart Journal</i> , 2020, 42, 2562-2564.	2.2	4
92	Lifetime Risk Estimation in Atherosclerotic Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2021, 78, 1095-1096.	2.8	4
93	Familial Dilated Cardiomyopathy and Sudden Cardiac Arrest: New Association with a SCN5A Mutation. <i>Genes</i> , 2021, 12, 1889.	2.4	4
94	Nontraumatic chest pain and suspicion of acute coronary syndrome: associated clinical and electrocardiographic findings on initial evaluation. <i>Emergencias</i> , 2020, 32, 9-18.	0.6	4
95	Tricuspid valve replacement with mechanical prostheses: Short and long-term outcomes. <i>Journal of Cardiac Surgery</i> , 2017, 32, 542-549.	0.7	3
96	Prognostic value of a new semiquantitative score system for adenosine stress myocardial perfusion by CMR. <i>European Radiology</i> , 2019, 29, 2263-2271.	4.5	3
97	Coexistence of transmural and lateral wavefront progression of myocardial infarction in the human heart. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021, 74, 870-877.	0.6	3
98	Dapagliflozin in patients with COVID-19: truth or dare. <i>Lancet Diabetes and Endocrinology</i> , 2021, 9, 550-551.	11.4	3
99	The FAST-FURO study: effect of very early administration of intravenous furosemide in the prehospital setting to patients with acute heart failure attending the emergency department. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 487-496.	1.0	3
100	Nutrition status, obesity and outcomes in patients with atrial fibrillation. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2022, , .	0.6	3
101	Xenon. <i>Journal of the American College of Cardiology</i> , 2017, 70, 2661-2662.	2.8	2
102	Acute myocardial infarction with high Killip class: do geographic differences matter?. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 513-515.	1.0	2
103	The Clinical outcomes, healthcare resource utilization, and related costs (COHERENT) model. Application in heart failure patients. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021, , .	0.6	2
104	Prognosis of acute heart failure based on clinical data of congestion. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021, , .	0.5	2
105	PREDICTORS OF ISCHEMIC EVENTS WITHIN AND AFTER 1 YEAR AFTER AN ACUTE CORONARY SYNDROME: RESULTS FROM THE EPICOR REGISTRY. <i>Journal of the American College of Cardiology</i> , 2017, 69, 230.	2.8	1
106	Number of Antithrombotic Drugs Used Early and In-hospital Outcomes in Acute Coronary Syndromes. <i>Journal of Cardiovascular Translational Research</i> , 2021, 14, 790-798.	2.4	1
107	Long-Term Antithrombotic Therapy and Clinical Outcomes in Patients with Acute Coronary Syndrome and Renal Impairment: Insights from EPICOR and EPICOR Asia. <i>American Journal of Cardiovascular Drugs</i> , 2021, 21, 471-482.	2.2	1
108	Challenges and promises of machine learning-based risk prediction modelling in cardiovascular disease. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 866-868.	1.0	1

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109	Analysis of the management of ST-segment elevation myocardial infarction in Spain. Results from the ACI-SEC Infarction Code Registry. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2022, , .	0.6	1
110	The Reply. <i>American Journal of Medicine</i> , 2014, 127, e19.	1.5	0
111	Apoptosis, A Double-Edge Sword!. <i>JACC Basic To Translational Science</i> , 2017, 2, 498.	4.1	0
112	193â€¦The role of the pi3k-alpha isoform in cardioprotection. <i>Heart</i> , 2017, 103, A131.2-A131.	2.9	0
113	Trade-off between the effects of embolic versus bleeding events on mortality in elderly patients with atrial fibrillation. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021, , .	0.6	0
114	Balance entre el efecto de los eventos embÃ³licos frente a los hemorrÃ¡gicos en la mortalidad de los pacientes ancianos con fibrilaciÃ³n auricular. <i>Revista Espanola De Cardiologia</i> , 2021, , .	1.2	0
115	Predicting mortality for patients with heart failure beyond oxygen consumption: a prognostic risk score. <i>Journal of Applied Physiology</i> , 2021, 131, 1251-1259.	2.5	0
116	Reply. <i>Journal of the American College of Cardiology</i> , 2021, 78, e119.	2.8	0
117	Abstract 14386: The 2020 ESC-ACVC Quality Indicators for the Management of Acute Myocardial Infarction Applied to the FAST-MI Registries: Validity Criteria Compared to the 2017 Definitions. <i>Circulation</i> , 2020, 142, .	1.6	0
118	Trade-off between discrimination and calibration in risk scores: a perspective from the Sequential Organ Failure Assessment. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2022, , .	1.0	0