

Francesco Formica

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9091157/publications.pdf>

Version: 2024-02-01

103
papers

1,161
citations

430442

18
h-index

414034

32
g-index

104
all docs

104
docs citations

104
times ranked

1412
citing authors

#	ARTICLE	IF	CITATIONS
1	Favourable survival of in-hospital compared to out-of-hospital refractory cardiac arrest patients treated with extracorporeal membrane oxygenation: An Italian tertiary care centre experience. <i>Resuscitation</i> , 2012, 83, 579-583.	1.3	152
2	Percutaneous Left-Heart Decompression During Extracorporeal Membrane Oxygenation: An Alternative to Surgical and Transeptal Venting in Adult Patients. <i>ASAIO Journal</i> , 2011, 57, 38-40.	0.9	111
3	Oral L-arginine supplementation improves endothelial function and ameliorates insulin sensitivity and inflammation in cardiopathic nondiabetic patients after an aortocoronary bypass. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 1270-1276.	1.5	91
4	Extracorporeal membrane oxygenation to support adult patients with cardiac failure: predictive factors of 30-day mortality. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2010, 10, 721-726.	0.5	66
5	Type 2 Diabetes Mellitus Is Associated With Faster Degeneration of Bioprosthetic Valve. <i>Circulation</i> , 2012, 125, 604-614.	1.6	60
6	Postinfarction left ventricular free wall rupture: a 17-year single-centre experience. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 150-156.	0.6	59
7	Extracorporeal Membrane Oxygenation With a Poly-Methylpentene Oxygenator (Quadrox D). The Experience of a Single Italian Centre in Adult Patients With Refractory Cardiogenic Shock. <i>ASAIO Journal</i> , 2008, 54, 89-94.	0.9	58
8	Myocardial revascularization with miniaturized extracorporeal circulation versus off pump: Evaluation of systemic and myocardial inflammatory response in a prospective randomized study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 137, 1206-1212.	0.4	46
9	Surgical Treatment of Postinfarction Ventricular Septal Rupture. <i>JAMA Network Open</i> , 2021, 4, e2128309.	2.8	44
10	Long-term follow-up of total arterial myocardial revascularization using exclusively pedicle bilateral internal thoracic artery and right gastroepiploic artery. <i>European Journal of Cardio-thoracic Surgery</i> , 2004, 26, 1141-1148.	0.6	36
11	Effects of Papaverine and Glycerilnitrate-Verapamil Solution as Topical and Intraluminal Vasodilators for Internal Thoracic Artery. <i>Annals of Thoracic Surgery</i> , 2006, 81, 120-124.	0.7	32
12	Early vascular complications after percutaneous cannulation for extracorporeal membrane oxygenation for cardiac assist. <i>Minerva Anestesiologica</i> , 2016, 82, 36-43.	0.6	32
13	Effects of Levosimendan on Endothelial Function and Hemodynamics During Weaning From Venous-Arterial Extracorporeal Life Support. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2016, 30, 1449-1453.	0.6	29
14	The impact of the radial artery or the saphenous vein in addition to the bilateral internal mammary arteries on late survival: A propensity score analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 141-151.	0.4	24
15	Reduced Cytokines Release and Myocardial Damage in Coronary Artery Bypass Patients Due to L-Arginine Cardioplegia Supplementation. <i>Annals of Thoracic Surgery</i> , 2006, 81, 1256-1261.	0.7	21
16	Surgical Treatment of Post-Infarction Left Ventricular Free-Wall Rupture: A Multicenter Study. <i>Annals of Thoracic Surgery</i> , 2021, 112, 1186-1192.	0.7	21
17	Systemic and Myocardial Inflammatory Response in Coronary Artery Bypass Graft Surgery With Miniaturized Extracorporeal Circulation. <i>ASAIO Journal</i> , 2013, 59, 600-606.	0.9	20
18	Interhospital stabilization of adult patients with refractory cardiogenic shock by venous-arterial extracorporeal membrane oxygenation. <i>International Journal of Cardiology</i> , 2011, 147, 164-165.	0.8	19

#	ARTICLE	IF	CITATIONS
19	A rare cause of severe aortic regurgitation: quadricuspid aortic valve. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2004, 3, 672-674.	0.5	16
20	Meta-analysis of surgical treatment for postinfarction left ventricular free-wall rupture. <i>Journal of Cardiac Surgery</i> , 2021, 36, 3326-3333.	0.3	14
21	Survival effect of radial artery usage in addition to bilateral internal thoracic arterial grafting: A meta-analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 165, 2076-2085.e9.	0.4	14
22	Surgical treatment for post-infarction papillary muscle rupture: a multicentre study. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 469-476.	0.6	14
23	Regional Thrombolysis with Tenecteplase During Extracorporeal Membrane Oxygenation: A New Approach for Left Ventricular Thrombosis. <i>Journal of Cardiac Surgery</i> , 2015, 30, 541-543.	0.3	13
24	Assessing Endothelial Responsiveness After Cardiopulmonary Bypass: Insights on Different Perfusion Modalities. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 912-916.	0.6	12
25	Hemodynamic Instability After Cardiac Surgery: Transesophageal Echocardiographic Diagnosis of a Localized Pericardial Tamponade. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2005, 19, 775-776.	0.6	11
26	Does additional coronary artery bypass grafting to aortic valve replacement in elderly patients affect the early and long-term outcome?. <i>Heart and Vessels</i> , 2020, 35, 487-501.	0.5	11
27	ECMO support for the treatment of cardiogenic shock due to left ventricular free wall rupture. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2005, 4, 30-32.	0.5	9
28	Late driveline left ventricular assist device infection treated with frozen-and-thawed allogeneic platelet gel. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014, 19, 523-525.	0.5	8
29	Left ventricular free wall rupture after myocardial infarction: Still a challenging complication. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, e97-e98.	0.4	8
30	Unusually Large Left Atrial Myxoma Causing Mitral Valve Occlusion and Hiding a Severe Mitral Regurgitation: A Case Report. <i>Heart Surgery Forum</i> , 2006, 9, E849-E850.	0.2	7
31	Incidence of perioperative stroke in clampless aortic anastomosis during off-pump coronary artery bypass grafting. <i>Heart and Vessels</i> , 2018, 33, 595-604.	0.5	6
32	Association between cardioplegia and postoperative atrial fibrillation in coronary surgery. <i>International Journal of Cardiology</i> , 2021, 324, 38-43.	0.8	6
33	Perivascular Adipose Tissue Attenuation on Computed Tomography beyond the Coronary Arteries. A Systematic Review. <i>Diagnostics</i> , 2021, 11, 1495.	1.3	6
34	The impact of coronary artery bypass grafting added to aortic valve replacement on long-term outcomes in octogenarian patients: a reconstructed time-to-event meta-analysis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, 35, .	0.5	6
35	Right Gastroepiploic Artery Graft: Long-Term Clinical Follow-Up in 271 Patients? Experience of a Single Center. <i>Journal of Cardiac Surgery</i> , 2006, 21, 539-544.	0.3	5
36	Mitral valve annuloplasty with a semirigid annuloplasty band in ischemic mitral regurgitation: early results. <i>Journal of Cardiovascular Medicine</i> , 2007, 8, 499-503.	0.6	5

#	ARTICLE	IF	CITATIONS
37	Video-assisted thoracic surgical resection of giant cardiac lipoma: A case report. International Journal of Cardiology, 2008, 123, e57-e58.	0.8	4
38	Prosthesisâ€‘patient mismatch: Don't forget this match!. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 1353-1354.	0.4	4
39	A Systematic Approach to Substernal Epicardial Echocardiographic Examination. Journal of Cardiothoracic and Vascular Anesthesia, 2007, 21, 237-242.	0.6	3
40	An unusual case of a cardiocutaneous fistula presenting 30 years after a breast carcinoma. European Journal of Cardio-thoracic Surgery, 2013, 44, 180-180.	0.6	3
41	Surgical Cannulation: Indication, Technique, and Complications. , 2014, , 49-63.		3
42	Acute mechanical complications in patients suffering from acute myocardial infarction. Vessel Plus, 0, 2019, .	0.4	3
43	Frozen Elephant Trunk: Technical Overview and Our Experience with a Patient-Tailored Approach. Journal of Clinical Medicine, 2022, 11, 1120.	1.0	3
44	HeartWare LVAD Is a Promising Device for Patients With End-Stage Heart Failure. Annals of Thoracic Surgery, 2012, 94, 2180.	0.7	2
45	Fatal Huge Left Free Wall Ventricular Rupture after Acute Posterior Myocardial Infarction. Case Reports in Cardiology, 2013, 2013, 1-2.	0.1	2
46	Simultaneous management of renal carcinoma with caval vein thrombosis and double coronary artery disease. Archivio Italiano Di Urologia Andrologia, 2013, 85, 207.	0.4	2
47	Post-valvular surgery multi-vessel coronary artery spasm â€” A literature review. IJC Heart and Vasculature, 2016, 10, 32-38.	0.6	2
48	Minimal Extracorporeal Circulation and Minimally Invasive Valve Operations: Should They Be the Right Combination in the Future?. Annals of Thoracic Surgery, 2017, 103, 1038.	0.7	2
49	Is the Impella Device Really Useful to Unload the Left Ventricle During Extracorporeal Life Support?. Annals of Thoracic Surgery, 2018, 105, 1861.	0.7	2
50	Anastomotic aortic leak: Still a challenging complication. Operate or look out the window?. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, e11-e12.	0.4	2
51	Clampless facilitated anastomosis with HEARSTRING to reduce cerebral damage during off-pump coronary bypass grafting. Don't forget it: Easy to use!. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 2021-2022.	0.4	2
52	Distal Perfusion Cannula in Femorofemoral ECMO: Prophylactic or Therapeutic Approach?. Annals of Vascular Surgery, 2019, 58, 388-389.	0.4	2
53	Commentary: Fenestration and stenting technique and malperfusion syndromeâ€”To give to Caesar what is Caesar's. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, 1164-1165.	0.4	2
54	Commentary: â€œCorMatrix: If it is too good to be true, â€”!â€” Journal of Thoracic and Cardiovascular Surgery, 2020, 160, e222-e223.	0.4	2

#	ARTICLE	IF	CITATIONS
55	Commentary: Mitral bioprosthesis degeneration: Looking for a benchmark to tailor the correct procedure to the patient. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, , .	0.4	2
56	Long-Term Outcome of Mechanical and Biological Prostheses in Patients with Left-Side Infective Endocarditis: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 4356.	1.0	2
57	ECMO for Ischemic Cardiogenic Shock. , 2014, , 105-116.		2
58	Dual Left Anterior Descending Coronary Artery from Right Aortic Sinus: Report of a Case of Recurrent Unstable Angina after CABG. <i>Heart Surgery Forum</i> , 2005, 8, E386-E388.	0.2	2
59	Miniaturized Extracorporeal Circulation. , 0, , .		1
60	Limb ischemia and femoral arterial cannulation for extracorporeal membrane oxygenation: Does the perfect technique exist?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 1719.	0.4	1
61	Straight deep hypothermic circulatory arrest: Should we definitively give up or should we keep on?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 1974.	0.4	1
62	Distal limb perfusion cannula in peripheral extracorporeal membrane oxygenation: always a mandatory approach?. <i>Perfusion (United Kingdom)</i> , 2019, 34, 528-529.	0.5	1
63	Commentary: Perceval S bioprosthesis valve and platelets: The thrombocytopenia is behind the corner and the mystery continues. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 69-70.	0.4	1
64	Commentary: It is not yet time for the sunset of aortic valve surgery!. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 936-937.	0.4	1
65	Reply: Transient thrombocytopenia after Perceval S implantation: A good reason to continue with the research. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, e22-e23.	0.4	1
66	Reply: I would not underestimate the extracorporeal membrane oxygenation option; it offers chances of survival. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, e35-e36.	0.4	1
67	Would the no-touch aorta technique deserve more emphasis?. <i>Annals of Thoracic Surgery</i> , 2021, , .	0.7	1
68	Most important is the arterial conduits use. <i>Annals of Thoracic Surgery</i> , 2021, , .	0.7	1
69	Commentary: From bailout to standardized approach in mitral annulus calcification: It's a short step. <i>JTCVS Techniques</i> , 2021, 10, 264-265.	0.2	1
70	Commentary: Prosthetic valve leaflet: Still too many questions are unanswered. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 1316-1317.	0.4	1
71	A Rare Case of ALCAPA and Rheumatic Mitral Valve Regurgitation in an Adult Patient. <i>Heart Surgery Forum</i> , 2014, 17, 250.	0.2	1
72	Commentary: A novel surgical strategy for aortic valve replacement in Behçet's disease: Is this the new Silk Road?. <i>JTCVS Techniques</i> , 2020, 2, 48-49.	0.2	1

#	ARTICLE	IF	CITATIONS
73	OUP accepted manuscript. European Journal of Cardio-thoracic Surgery, 2022, , .	0.6	1
74	The early and long-term outcomes of coronary artery bypass grafting added to aortic valve replacement compared to isolated aortic valve replacement in elderly patients: a systematic review and meta-analysis. Heart and Vessels, 2022, , 1.	0.5	1
75	Veno-Arterial Extracorporeal Membrane Oxygenation for Refractory Cardiogenic Shock and Cardiac Arrest. , 2013, , .		0
76	Modulation of gene expression in Kaposi's sarcoma-associated herpesvirus-infected lymphoid and epithelial cells. Future Virology, 2016, 11, 619-629.	0.9	0
77	Implantation of the Jarvik 2000® left ventricular assist device using the miniaturized extracorporeal circulation system – a case report. Perfusion (United Kingdom), 2016, 31, 518-520.	0.5	0
78	The right technology for the right ventricular dysfunction: Are we facing the right way?. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 2153-2154.	0.4	0
79	Commentary: Transaortic transcatheter aortic valve implantation: A route to be protected and not neglected. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 1404-1405.	0.4	0
80	Arterial lactate level: A simple and effective tool during extracorporeal membrane oxygenation. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, e265-e266.	0.4	0
81	Should we always use the peripheral cannula for distal leg reperfusion in femoro-femoral ECMO patients?. Intensive Care Medicine, 2019, 45, 559-560.	3.9	0
82	Commentary: White matter changes in patients needing aortic arch surgery: A paramount matter!. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 1358-1359.	0.4	0
83	Is it time for prosthesis-patient mismatch paradox?. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, e120-e121.	0.4	0
84	Commentary: Patients older than age 65 years: Young or old for a ventricular assist device program? Is it time to restrict the indication for them?. Journal of Thoracic and Cardiovascular Surgery, 2019, 158, 476-477.	0.4	0
85	Coronary patients on dialysis: Coronary artery bypass grafting or percutaneous coronary intervention? A complex question for a complex scenario. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 984-985.	0.4	0
86	Commentary: On-X and St Jude Medical mechanical prostheses – A paradoxical concept; they are equal but different!. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 98-99.	0.4	0
87	REPLY: OBSERVATIONAL STUDIES VERSUS RANDOMIZED CONTROL TRIALS: A BIG MATCH!. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, e238-e239.	0.4	0
88	Commentary: Shall we wait for two days more? Can we take this risk?. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, 1056-1057.	0.4	0
89	Commentary: When the heart team may save the patient's heart!. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 1732-1733.	0.4	0
90	Commentary: Patient Prosthesis Mismatch in Mitral Valve Replacement; Not Only an Anatomical Matter. Seminars in Thoracic and Cardiovascular Surgery, 2021, 33, 354-355.	0.4	0

#	ARTICLE	IF	CITATIONS
91	Commentary: Mitral bioprosthesis versus mechanical prosthesis in severe chronic mitral regurgitation: Bioprosthesis wins the duel. Journal of Thoracic and Cardiovascular Surgery, 2021, , .	0.4	0
92	Commentary: In the era of mitral valve-in-valve therapy, mechanical prosthesis in young patients does not deserve to be forgotten. Journal of Thoracic and Cardiovascular Surgery, 2021, , .	0.4	0
93	Commentary: Looking for Reliable Indicators to Achieve Optimal Results Following Surgery for Functional Mitral Regurgitation. Seminars in Thoracic and Cardiovascular Surgery, 2022, 34, 63-64.	0.4	0
94	Reply: Stenting/fenestration or thoracic endovascular aortic repair in complicated acute type B aortic dissection: To each is own!. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, e367-e368.	0.4	0
95	Commentary: Another glimpse of light for patients with Marfan syndrome. Journal of Thoracic and Cardiovascular Surgery, 2023, 166, 35-36.	0.4	0
96	Letter to the Editor: Left ventricular free wall rupture: still a complication that negatively affects the in-hospital survival. Heart and Vessels, 2021, , 1.	0.5	0
97	Total Arterial Revascularization: It Is Time for a Dedicated Team. Journal of the American College of Surgeons, 2021, 233, 580.	0.2	0
98	Total Arterial Revascularization â€™ A Fascinating Approach Still Not Widely Accepted. Brazilian Journal of Cardiovascular Surgery, 2021, 36, 441-442.	0.2	0
99	Miniaturize CPB Versus Off-Pump Surgery. , 2013, , 259-263.		0
100	Total arterial coronary myocardial revascularization with internal thoracic arteries to the left coronary system and radial artery to the right coronary artery. , 2019, 2019, .		0
101	Commentary: Searching for Simpler Parameters in the Context of Nonischemic Dilated Cardiomyopathy. Seminars in Thoracic and Cardiovascular Surgery, 2020, 32, 710-711.	0.4	0
102	The early outcome in patients undergoing off-pump coronary artery bypass grafting: our experience. Italian Heart Journal: Official Journal of the Italian Federation of Cardiology, 2005, 6, 640-6.	0.1	0
103	Radial Artery Versus Saphenous Vein as Third Conduit in Coronary Artery Bypass Graft Surgery for Multivessel Coronary Artery Disease: a Ten-Year Literature Review.. Acta Biomedica, 2022, 93, e2022049.	0.2	0