Francesco Donatelli

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Cardiotoxicity of Anticancer Drugs: The Need for Cardio-Oncology and Cardio-Oncological Prevention. Journal of the National Cancer Institute, 2010, 102, 14-25.	3.0	658
2	Sutureless Perceval Aortic Valve Versus Conventional Stented Bioprostheses: Metaâ€Analysis of Postoperative and Midterm Results in Isolated Aortic Valve Replacement. Journal of the American Heart Association, 2018, 7, .	1.6	72
3	Precision medicine in distinct heart failure phenotypes: Focus on clinical epigenetics. American Heart Journal, 2020, 224, 113-128.	1.2	69
4	Clonidine for treatment of postoperative pain: a dose-finding study. European Journal of Pain, 2002, 6, 35-42.	1.4	68
5	Management of Persistent Pneumothorax With Thoracoscopy and Bleb Resection in COVID-19 Patients. Annals of Thoracic Surgery, 2020, 110, e413-e415.	0.7	68
6	Coma Might Not Preclude Emergency Operation in Acute Aortic Dissection. Annals of Thoracic Surgery, 2006, 81, 1348-1351.	0.7	56
7	Effects of ACE inhibition on circulating endothelial progenitor cells, vascular damage, and oxidative stress in hypertensive patients. European Journal of Clinical Pharmacology, 2011, 67, 877-883.	0.8	54
8	Heart failure: Pilot transcriptomic analysis of cardiac tissue by RNA-sequencing. Cardiology Journal, 2017, 24, 539-553.	0.5	54
9	Viscoelastic Blood Tests Use in Adult Cardiac Surgery: Meta-Analysis, Meta-Regression, and Trial Sequential Analysis. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 119-127.	0.6	50
10	Cardio-oncology in targeting the HER receptor family: the puzzle of different cardiotoxicities of HER2 inhibitors. Future Cardiology, 2011, 7, 693-704.	0.5	43
11	Epigenetics and type 1 diabetes: mechanisms and translational applications. Translational Research, 2017, 185, 85-93.	2.2	40
12	Epidural Anesthesia and Analgesia Decrease the Postoperative Incidence of Insulin Resistance in Preoperative Insulin-Resistant Subjects Only. Anesthesia and Analgesia, 2007, 104, 1587-1593.	1.1	39
13	Diet-Derived Phytochemicals: From Cancer Chemoprevention to Cardio-Oncological Prevention. Current Drug Targets, 2011, 12, 1909-1924.	1.0	36
14	Thromboangiitis obliterans of coronary and internal thoracic arteries in a young woman. Journal of Thoracic and Cardiovascular Surgery, 1997, 113, 800-802.	0.4	34
15	Color Doppler Echocardiographic Assessment of Atrial Septal Defect Size: Correlation with Surgical Measurements. Journal of the American Society of Echocardiography, 1991, 4, 429-434.	1.2	33
16	TachoSil(R) for postinfarction ventricular free wall rupture. Interactive Cardiovascular and Thoracic Surgery, 2012, 14, 866-867.	0.5	31
17	Sutureless aortic valve replacement versus transcatheter aortic valve implantation: a meta-analysis of comparative matched studies using propensity score matching. Interactive Cardiovascular and Thoracic Surgery, 2018, 26, 202-209.	0.5	29
18	Predictors of adverse events after surgical ventricular restoration for advanced ischaemic cardiomyopathyã^t. European Journal of Cardio-thoracic Surgery, 2010, 37, 1093-1100.	0.6	27

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19	Coronary Artery Bypass for Heart Failure in Ischemic Cardiomyopathy: 17-Year Follow-Up. Annals of Thoracic Surgery, 2007, 83, 468-474.	0.7	26
20	Interplay between genetics and epigenetics in modulating the risk of venous thromboembolism: A new challenge for personalized therapy. Thrombosis Research, 2019, 177, 145-153.	0.8	26
21	Evaluation and treatment of secondary tricuspid insufficiency. European Journal of Cardio-thoracic Surgery, 1992, 6, 288-296.	0.6	25
22	Postoperative Infusion of Amino Acids Induces a Positive Protein Balance Independently of the Type of Analgesia Used. Anesthesiology, 2006, 105, 253-259.	1.3	25
23	Epigenetic Therapies for Heart Failure: Current Insights and Future Potential. Vascular Health and Risk Management, 2021, Volume 17, 247-254.	1.0	25
24	Cryoballoon ablation for atrial fibrillation guided by real-time three-dimensional transoesophageal echocardiography: a feasibility study. Europace, 2013, 15, 944-950.	0.7	24
25	Extracorporeal Membrane Oxygenation for COVID-19 Respiratory Distress Syndrome: An Italian Society for Cardiac Surgery Report. ASAIO Journal, 2021, 67, 385-391.	0.9	21
26	Effect of canrenone on left ventricular mechanics in patients with mild systolic heart failure and metabolic syndrome: The AREA-in-CHF study. Nutrition, Metabolism and Cardiovascular Diseases, 2011, 21, 783-791.	1.1	20
27	Chordal plication and free edge remodeling for mitral anterior leaflet prolapse repair: 8-year follow-up. Annals of Thoracic Surgery, 2001, 72, 1515-1519.	0.7	19
28	Intraoperative Infusion of Amino Acids Induces Anabolism Independent of the Type of Anesthesia. Anesthesia and Analgesia, 2006, 103, 1549-1556.	1.1	19
29	Recovery of severe neurological dysfunction after restoration of cerebral blood flow in acute aortic dissection. Interactive Cardiovascular and Thoracic Surgery, 2010, 10, 839-841.	0.5	19
30	Surgical treatment for life-threatening acute myocardial infarction: a prospective protocol. European Journal of Cardio-thoracic Surgery, 1997, 11, 228-233.	0.6	18
31	Posterior mitral valve restoration for ischemic regurgitation. Annals of Thoracic Surgery, 2004, 77, 729-730.	0.7	18
32	Baseline left ventricular function and surgical annular stiffening to predict outcome and reverse left ventricular remodeling after undersized annuloplasty for intermediate-degree ischemic mitral regurgitation. Journal of Thoracic and Cardiovascular Surgery, 2010, 139, 1529-1538.	0.4	18
33	Preoperative Insulin Resistance and the Impact of Feeding on Postoperative Protein Balance: A Stable Isotope Study. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E1789-E1797.	1.8	18
34	Non-nutritional sweeteners effects on endothelial vascular function. Toxicology in Vitro, 2020, 62, 104694.	1.1	18
35	Acute posttraumatic rupture of the thoracic aorta: The role of angiography in a 7-year review. CardioVascular and Interventional Radiology, 1991, 14, 338-341.	0.9	16
36	Impaired bradykinin response to ischaemia and exercise in patients with mild congestive heart failure during angiotensin-converting enzyme treatment. Relationships with endothelial function, coagulation and inflammation. British Journal of Haematology, 2005, 130, 113-120.	1.2	16

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37	Epidural Analgesia Enhances the Postoperative Anabolic Effect of Amino Acids in Diabetes Mellitus Type 2 Patients Undergoing Colon Surgery. Anesthesiology, 2008, 108, 1093-1099.	1.3	16
38	An alternative technique for non-infective paraprosthetic leakage repair. European Journal of Cardio-thoracic Surgery, 2003, 23, 1074-1075.	0.6	14
39	Spinal Cord Retrograde Perfusion: Review of the Literature and Experimental Observations. Journal of Cardiac Surgery, 2007, 22, 124-128.	0.3	14
40	Late histological findings in symptomatic COVID-19 patients. Medicine (United States), 2020, 99, e21046.	0.4	13
41	Parenteral nutrition and protein sparing after surgery: do we need glucose?. Metabolism: Clinical and Experimental, 2007, 56, 1044-1050.	1.5	12
42	Bringing new players into the field: onco-pharmacovigilance in the era of cardio-oncology. Internal and Emergency Medicine, 2012, 7, 99-101.	1.0	12
43	Simple Versus Complex Preoperative Carbohydrate Drink to Preserve Perioperative Insulin Sensitivity in Laparoscopic Colectomy. Annals of Surgery, 2020, 271, 819-826.	2.1	12
44	Cardiac Toxicity Associated with Cancer Immunotherapy and Biological Drugs. Cancers, 2021, 13, 4797.	1.7	12
45	An Update on New Generation Transcatheter Aortic Valves and Delivery Systems. Journal of Clinical Medicine, 2022, 11, 499.	1.0	12
46	Clinical Comparison of a Novel Balloon-Expandable Versus a Self-Expanding Transcatheter Heart Valve for the Treatment of Patients with Severe Aortic Valve Stenosis: The EVAL Registry. Journal of Clinical Medicine, 2022, 11, 959.	1.0	12
47	Renal dysfunction and increased risk of cardiotoxicity with trastuzumab therapy: a new challenge in cardio-oncology. Internal and Emergency Medicine, 2012, 7, 399-401.	1.0	11
48	Current results and remaining challenges of trans-catheter aortic valve replacement expansion in in intermediate and low risk patients. IJC Heart and Vasculature, 2019, 23, 100375.	0.6	11
49	Veno-arterial Extracorporeal Membrane Oxygenation as Bridge to Heart Transplantation: The Way Forward. Transplantation Direct, 2021, 7, e720.	0.8	11
50	Advantages of Delayed Sternal Closure in Cardiac-Compromised Adult Patients. Journal of Cardiac Surgery, 1995, 10, 632-636.	0.3	10
51	Effect of aspirin and ticlopidine on plasma tissue factor levels in stable and unstable angina pectoris. American Journal of Cardiology, 2000, 85, 527-531.	0.7	10
52	Pharmacokinetics and pharmacodynamics of BB-101531, a thrombin-activatable plasminogen, in healthy volunteers. Journal of Thrombosis and Haemostasis, 2005, 3, 1180-1186.	1.9	10
53	Epidural Analgesia in the Post-Anaesthesia Care Unit. Current Drug Targets, 2005, 6, 795-806.	1.0	10
54	Emergent expansion of clinical epigenetics in patients with cardiovascular diseases. Current Opinion in Cardiology, 2021, 36, 295-300.	0.8	10

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55	Severe Cardiac Toxicity Induced by Cancer Therapies Requiring Intensive Care Unit Admission. Frontiers in Cardiovascular Medicine, 2021, 8, 713694.	1.1	10
56	Adult cardiovascular surgery and the coronavirus disease 2019 (COVID-19) pandemic: the Italian experience. Interactive Cardiovascular and Thoracic Surgery, 2020, 31, 755-762.	0.5	9
57	Renal function impairment predicts mortality in patients with chronic heart failure treated with resynchronization therapy. Cardiology Journal, 2015, 22, 459-466.	0.5	9
58	Emergency aortic balooon valvotomy in critical aortic stenosis of the neonate. Pediatric Cardiology, 1990, 11, 59-60.	0.6	8
59	Comparison of Analgesic Methods for Total Knee Arthroplasty: Metabolic Effect of Exogenous Glucose. Regional Anesthesia and Pain Medicine, 2006, 31, 260-269.	1.1	8
60	Volatile agents for ICU sedation?. Intensive Care Medicine, 2011, 37, 895-897.	3.9	8
61	Inferior epigastric artery as a conduit for myocardial revascularization: a two-year clinical and angiographic follow-up. Vascular, 1998, 6, 520-524.	0.5	7
62	Non-Invasive Assessment of Left Ventricle Ejection Fraction: Where Do We Stand?. Journal of Personalized Medicine, 2021, 11, 1153.	1.1	7
63	The α1-adrenergic blocker urapidil improves contractile function in patients 3 months after coronary stenting: a randomized, double-blinded study. American Heart Journal, 2004, 147, 323.	1.2	6
64	Transcatheter Valve-in-Valve Implantation With a Novel Balloon-Expandable Device in Patients With Bioprosthetic Heart Valve Failure: A Case Series. Cardiovascular Revascularization Medicine, 2021, 28, 98-101.	0.3	6
65	Mycotic Aortic Aneurysm Presenting as Multiple Cerebral Abscesses. Acta Neurochirurgica, 1998, 140, 289-290.	0.9	5
66	Fulminant prosthetic valve endocarditis caused by Listeria monocytogenes. European Journal of Cardio-thoracic Surgery, 2009, 36, 1077-1077.	0.6	5
67	Protein Balance in Nondiabetic Versus Diabetic Patients Undergoing Colon Surgery. Regional Anesthesia and Pain Medicine, 2010, 35, 355-360.	1.1	5
68	Postoperative insulin secretion is decreased in patients with preoperative insulin resistance. Acta Anaesthesiologica Scandinavica, 2019, 63, 232-239.	0.7	5
69	Correspondence. Annals of Thoracic Surgery, 1997, 63, 1221-1222.	0.7	4
70	Closed-Chest Transaxillary Venoarterial ECMO. Annals of Thoracic Surgery, 2006, 81, 1177-1178.	0.7	4
71	Primary and redo valve replacement before and after liver transplantation. European Journal of Cardio-thoracic Surgery, 2007, 32, 674-675.	0.6	4
72	Immediate surgery in aortic dissection with cerebral malperfusion. Journal of Thoracic and Cardiovascular Surgery, 2007, 133, 1684-1685.	0.4	4

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73	Femoro-axillary cardiopulmonary bypass for giant abdominal aortic aneurysm repair prior to staged cardiac operation for ischaemic cardiomyopathy. European Journal of Cardio-thoracic Surgery, 2010, 37, 972-974.	0.6	4
74	Parenteral amino acids <i>v</i> . dextrose infusion: an anabolic strategy to minimise the catabolic response to surgery while maintaining normoglycaemia in diabetes mellitus type 2 patients. British Journal of Nutrition, 2012, 107, 573-580.	1.2	4
75	Potential clinical benefits of cell therapy in coronary heart disease: an update. Journal of Thoracic Disease, 2018, 10, S2412-S2422.	0.6	4
76	Unusual endobronchial extension of bronchial carcinoma treated by YAG laser and surgery Thorax, 1987, 42, 899-900.	2.7	3
77	Aortic diverticulum without vascular ring: A rare cause of dysphagia. Journal of Vascular Surgery, 1997, 26, 142-143.	0.6	3
78	Chronic ischemic mitral regurgitation: Types and subtypes. Journal of Thoracic and Cardiovascular Surgery, 2002, 124, 855-856.	0.4	3
79	Wall Motion, Geometry, and Outcome After Ischemic Mitral Repair Versus Replacement. Annals of Thoracic Surgery, 2013, 95, 1138.	0.7	3
80	Impella 5.0 supported oncological surgery as bridge to LVAD. ESC Heart Failure, 2021, 8, 167-170.	1.4	3
81	Cardiac troponin-T and perioperative myocardial damage in coronary surgery. Journal of Cardiothoracic and Vascular Anesthesia, 1995, 9, 484.	0.6	2
82	Chest Trauma Associated with Heart Dislodgement. Journal of Trauma, 2006, 60, 1114-1116.	2.3	2
83	Benefits of Staged Carotid Stenting Before Cardiac Surgery: a Randomized Trial Is Unwise. Stroke, 2006, 37, 2208-2208.	1.0	2
84	Stents versus Bypass Grafting for Left Main Coronary Artery Disease. New England Journal of Medicine, 2008, 359, 423-425.	13.9	2
85	Preoperative Glucose and Protein Metabolism: The Influence of Diabetes Mellitus Type 2 in Patients With Colorectal Tumors. Nutrition and Cancer, 2011, 63, 924-929.	0.9	2
86	Response: Re: Neurocognitive Functioning in Adult Survivors of Childhood Noncentral Nervous System Cancers. Journal of the National Cancer Institute, 2011, 103, 608-609.	3.0	2
87	A free-floating left atrial mass. Lancet, The, 2012, 379, 152.	6.3	2
88	Commentary: Urgent need for careful holistic assessment post-coronavirus disease 2019 (COVID-19) hospitalization: Crisis after crisis?. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, 1093-1094.	0.4	2
89	Lung complication in COVID-19 convalescence: A spontaneous pneumothorax and pneumatocele case report. Journal of Respiratory Diseases and Medicine, 2020, 2, .	0.2	2
90	Trans-Catheter Valve-in-Valve Implantation for the Treatment of Aortic Bioprosthetic Valve Failure. Journal of Clinical Medicine, 2022, 11, 344.	1.0	2

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91	Surgery for massive pulmonary embolism and cavoatrial renal carcinoma. Surgery, 1996, 119, 596-597.	1.0	1
92	Delayed presentation of coronary sinus rupture after retrograde cardioplegia. Journal of Cardiothoracic and Vascular Anesthesia, 1997, 11, 89-90.	0.6	1
93	Myocardial metabolism studied during warm blood antero-retrograde reperfusion in ischaemic human hearts. Acta Diabetologica, 1998, 35, 67-73.	1.2	1
94	Does acquired angioedema increase the risk of surgery with cardiopulmonary bypass?. Journal of Thoracic and Cardiovascular Surgery, 2000, 120, 609-610.	0.4	1
95	Median sternotomy for combined cardiac and descending thoracic aortic operation. Annals of Thoracic Surgery, 2002, 74, 2226-2227.	0.7	1
96	Mitral Anterior Leaflet Repair: Ongoing Validation. Annals of Surgery, 2003, 238, 302-303.	2.1	1
97	Regarding "Kommerell's diverticulum and right-sided aortic arch: a cohort study and review of the literature― Journal of Vascular Surgery, 2004, 39, 1360.	0.6	1
98	Type A aortic intramural haematoma vs. dissection. European Heart Journal, 2005, 26, 1342-1342.	1.0	1
99	Late thoracic pseudo-aneurysm causing collapse of vascular prostheses. Interactive Cardiovascular and Thoracic Surgery, 2008, 7, 1124-1126.	0.5	1
100	Letter by Pocar et al Regarding Article, "No Major Differences in 30-Day Outcomes in High-Risk Patients Randomized to Off-Pump Versus On-Pump Coronary Bypass Surgery: The Best Bypass Surgery Trial― Circulation, 2010, 122, e498; author reply e499.	1.6	1
101	Simultaneous determination of multiple cytokines reveals a pro-inflammatory and pro-angiogenic signature after major cardiothoracic surgery: Potential role of C-reactive protein. Cytokine, 2012, 60, 593-595.	1.4	1
102	Remote ischemic preconditioning: the hunt is still open. Minerva Anestesiologica, 2018, 84, 1243-1245.	0.6	1
103	Minimally invasive aortic valve replacement with sutureless valves. Indian Journal of Thoracic and Cardiovascular Surgery, 2018, 34, 160-164.	0.2	1
104	In Situ Immune Profiling Identifies Immune Players Involved in Allograft Rejection. JACC Basic To Translational Science, 2020, 5, 750-751.	1.9	1
105	Commentary: Acute type A aortic dissection: When sample size does matter. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, 14-15.	0.4	1
106	Can we solve two problems with a TAVR?. International Journal of Cardiology, 2021, 322, 95-96.	0.8	1
107	COVID-19 and the second wave during autumn: preventive strategies in cardiac and thoracic surgery divisions. European Surgery - Acta Chirurgica Austriaca, 2021, 53, 37-39.	0.3	1
108	Type A aortic dissection after transcatheter aortic valve replacement: is a surgical approach always needed?. Journal of Cardiovascular Medicine, 2021, 22, e29-e31.	0.6	1

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109	Runoff dependence of inferior epigastric artery grafts in coronary artery operations. Journal of Thoracic and Cardiovascular Surgery, 1995, 110, 1567.	0.4	0
110	Combined carotid endarterectomy and myocardial revascularization: personal experience. Archives of Gerontology and Geriatrics, 1995, 20, 99-104.	1.4	0
111	Use of enoxaparin in cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2004, 128, 327-328.	0.4	Ο
112	Guidelines for coronary revascularization revisited? A note of caution. Journal of Thoracic and Cardiovascular Surgery, 2004, 128, 797-798.	0.4	0
113	Abdominal tumors with cavoatrial extension. Journal of Thoracic and Cardiovascular Surgery, 2004, 127, 301-302.	0.4	0
114	Simplified thoracic aortic aneurysm repair. Annals of Thoracic Surgery, 2004, 77, 2199-2200.	0.7	0
115	Perioperative internal thoracic artery steal syndrome after coronary bypass surgery. Journal of Thoracic and Cardiovascular Surgery, 2005, 130, 562-563.	0.4	0
116	Off-pump coronary artery bypass grafting without mechanical stabilization in minipericardiotomy. Interactive Cardiovascular and Thoracic Surgery, 2005, 4, 3-4.	0.5	0
117	Hypothermic Circulatory Arrest for Thoracic Aortic Operations. Archives of Surgery, 2005, 140, 1009.	2.3	0
118	Chronic Ischemic Mitral Regurgitation: Toward a Solution or Still an Enigma?. Annals of Thoracic Surgery, 2005, 79, 752.	0.7	0
119	ICVTS on-line discussion A. Interactive Cardiovascular and Thoracic Surgery, 2006, 5, 248-248.	0.5	0
120	Letter by Pocar et al Regarding Article, "Percutaneous Treatment With Drug-Eluting Stent Implantation Versus Bypass Surgery for Unprotected Left Main Stenosis: A Single-Center Experience― Circulation, 2006, 114, e574; author reply e575.	1.6	0
121	New technique for postinfarction ventricular septal rupture. Journal of Thoracic and Cardiovascular Surgery, 2008, 136, 234-235.	0.4	0
122	Remote muscle salvage by regional substrate enhancement during on-bypass beating-heart treatment of cardiogenic shock. Interactive Cardiovascular and Thoracic Surgery, 2011, 12, 54-56.	0.5	0
123	Renal function and mortality in patients with chronic heart failure treated with resynchronization therapy. European Heart Journal, 2013, 34, P3157-P3157.	1.0	0
124	A shot through the heart. Journal of Cardiovascular Medicine, 2018, 19, 36-37.	0.6	0
125	Predictors of unfavourable early outcome following Fontan completion. Journal of the Egyptian Society of Cardio-Thoracic Surgery, 2018, 26, 127-132.	0.2	0
126	Commentary: The importance of annulus in percutaneous mitral valve repair. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, 1329-1330.	0.4	0