Fabrizio Monaco

List of Publications by Year
in descending order

111 papers	3,624 citations	172386 29 h-index	143943 57 g-index
113 all docs	113 docs citations	113 times ranked	4058 citing authors

#	Article	IF	Citations
1	Cardiac Index Validation Using the Pressure Recording Analytic Method in Unstable Patients. Journal of Cardiothoracic and Vascular Anesthesia, 2010, 24, 265-269.	0.6	572
2	Levosimendan for Hemodynamic Support after Cardiac Surgery. New England Journal of Medicine, 2017, 376, 2021-2031.	13.9	219
3	Volatile Anesthetics versus Total Intravenous Anesthesia for Cardiac Surgery. New England Journal of Medicine, 2019, 380, 1214-1225.	13.9	167
4	Acute Normovolemic Hemodilution Reduces Allogeneic Red Blood Cell Transfusion in Cardiac Surgery: A Systematic Review and Meta-analysis of Randomized Trials. Anesthesia and Analgesia, 2017, 124, 743-752.	1.1	144
5	Prevention of Cardiac Surgeryâ€“Associated Acute Kidney Injury by Implementing the KDIGO Guidelines in High-Risk Patients Identified by Biomarkers: The PrevAKI-Multicenter Randomized Controlled Trial. Anesthesia and Analgesia, 2021, 133, 292-302.	1.1	115
6	Real-Time Three-Dimensional Transesophageal Echocardiography for Assessment of Mitral Valve Functional Anatomy in Patients With Prolapse-Related Regurgitation. American Journal of Cardiology, 2011, 107, 1365-1374.	0.7	101
7	Liberal transfusion strategy improves survival in perioperative but not in critically ill patients. A meta-analysis of randomised trials. British Journal of Anaesthesia, 2015, 115, 511-519.	1.5	97
8	Extracorporeal Membrane Oxygenation for Hemodynamic Support of Ventricular Tachycardia Ablation. Circulation: Arrhythmia and Electrophysiology, 2016, 9, .	2.1	96
9	Fast reshaping of intensive care unit facilities in a large metropolitan hospital in Milan, Italy: facing the COVID-19 pandemic emergency. Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine, 2020, 22, 91-94.	0.0	87
10	Miniaturized cardiopulmonary bypass improves short-term outcome in cardiac surgery: A meta-analysis of randomized controlled studies. Journal of Thoracic and Cardiovascular Surgery, 2010, 139, 1162-1169.	0.4	85
11	Mortality in Multicenter Critical Care Trials. Critical Care Medicine, 2015, 43, 1559-1568.	0.4	80
12	Levosimendan reduces mortality in patients with severe sepsis and septic shock: A meta-analysis of randomized trials. Journal of Critical Care, 2015, 30, 908-913.	1.0	80
13	Predictors of Advanced Conduction Disturbances Requiring a Late (â‰¥48 H) Permanent Pacemaker Following Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2018, 11, 1519-1526.	1.1	77
14	Outcome of cardiac surgery in patients with low preoperative ejection fraction. BMC Anesthesiology, 2016, 16, 97.	0.7	75
15	Reducing Mortality in Acute Kidney Injury Patients: Systematic Review and International Web-Based Survey. Journal of Cardiothoracic and Vascular Anesthesia, 2013, 27, 1384-1398.	0.6	71
16	Additive Effect on Survival of Anaesthetic Cardiac Protection and Remote Ischemic Preconditioning in Cardiac Surgery: A Bayesian Network Meta-Analysis of Randomized Trials. PLoS ONE, 2015, 10, e0134264.	1.1	62
17	Recombinant Activated Factor VII Increases Stroke in Cardiac Surgery: A Meta-analysis. Journal of Cardiothoracic and Vascular Anesthesia, 2011, 25, 804-810.	0.6	61
18	Randomized Evidence for Reduction of Perioperative Mortality: An Updated Consensus Process. Journal of Cardiothoracic and Vascular Anesthesia, 2017, 31, 719-730.	0.6	61

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19	Monitoring cerebral oxygen saturation in elderly patients undergoing general abdominal surgery: a prospective cohort study. European Journal of Anaesthesiology, 2007, 24, 59.	0.7	60
20	Satisfactory short-term outcomes of the STABILISE technique for type B aortic dissection. Journal of Vascular Surgery, 2018, 68, 966-975.	0.6	57
21	Preoperative intra-aortic balloon pump to reduce mortality in coronary artery bypass graft: a meta-analysis of randomized controlled trials. Critical Care, 2015, 19, 10.	2.5	53
22	Prevalence, Characteristics, Risk Factors, and Outcomes of Invasively Ventilated COVID-19 Patients with Acute Kidney Injury and Renal Replacement Therapy. Blood Purification, 2021, 50, 102-109.	0.9	53
23	Non-Adrenergic Vasopressors in Patients with or at Risk for Vasodilatory Shock. A Systematic Review and Meta-Analysis of Randomized Trials. PLoS ONE, 2015, 10, e0142605.	1.1	49
24	Mechanical Ventilation During Cardiopulmonary Bypass. Journal of Cardiothoracic and Vascular Anesthesia, 2016, 30, 1668-1675.	0.6	46
25	Efficacy and Safety of Fibrinogen Concentrate in Surgical Patients: A Meta-Analysis of Randomized Controlled Trials. Journal of Cardiothoracic and Vascular Anesthesia, 2016, 30, 1196-1204.	0.6	45
26	Percutaneous Direct Annuloplasty With Cardioband to Treat Recurrent Mitral Regurgitation After MitraClip Implantation. JACC: Cardiovascular Interventions, 2016, 9, e191-e192.	1.1	45
27	Trials Focusing on Prevention and Treatment of Delirium After Cardiac Surgery: A systematic Review of Randomized Evidence. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 1641-1654.	0.6	40
28	Usefulness of Predilation Before Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2016, 118, 107-112.	0.7	38
29	Single-Antiplatelet Therapy in Patients with Contraindication to Dual-Antiplatelet Therapy After Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2017, 119, 1088-1093.	0.7	36
30	A Multinational Observational Study Exploring Adherence With the Kidney Disease: Improving Global Outcomes Recommendations for Prevention of Acute Kidney Injury After Cardiac Surgery. Anesthesia and Analgesia, 2020, 130, 910-916.	1.1	36
31	Vascular Surgery During COVID-19 Emergency in Hub Hospitals of Lombardy: Experience on 305 Patients. European Journal of Vascular and Endovascular Surgery, 2021, 61, 306-315.	0.8	33
32	Nonsurgical Strategies to Reduce Mortality in Patients Undergoing Cardiac Surgery: An Updated Consensus Process. Journal of Cardiothoracic and Vascular Anesthesia, 2018, 32, 225-235.	0.6	29
33	Esmolol Reduces Perioperative Ischemia in Cardiac Surgery: A Meta-analysis of Randomized Controlled Studies. Journal of Cardiothoracic and Vascular Anesthesia, 2009, 23, 625-632.	0.6	28
34	Extracorporeal Membrane Oxygenation: Beyond Cardiac Surgery and Intensive Care Unit: Unconventional Uses and Future Perspectives. Journal of Cardiothoracic and Vascular Anesthesia, 2018, 32, 1955-1970.	0.6	28
35	Cardiac Index Assessment by the Pressure Recording Analytic Method in Unstable Patients With Atrial Fibrillation. Journal of Cardiothoracic and Vascular Anesthesia, 2011, 25, 476-480.	0.6	27
36	A Case of Covid-19 Patient with Acute Limb Ischemia and Heparin Resistance. Annals of Vascular Surgery, 2020, 68, 88-92.	0.4	26

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37	Anesthetic management of transcatheter aortic valve implantation. Annals of Cardiac Anaesthesia, 2012, 15, 54.	0.3	25
38	Epidural Anesthesia in Elderly Patients Undergoing Coronary Artery Bypass Graft Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2009, 23, 807-812.	0.6	23
39	Hepatic and renal effects of cardiopulmonary bypass. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2015, 29, 151-161.	1.7	23
40	A randomized controlled trial of levosimendan to reduce mortality in high-risk cardiac surgery patients (CHEETAH): Rationale and design. American Heart Journal, 2016, 177, 66-73.	1.2	22
41	Effect of Levosimendan on Renal Outcome in Cardiac Surgery Patients With Chronic Kidney Disease and Perioperative Cardiovascular Dysfunction: A Substudy of a Multicenter Randomized Trial. Journal of Cardiothoracic and Vascular Anesthesia, 2018, 32, 2152-2159.	0.6	21
42	Management of Challenging Cardiopulmonary Bypass Separation. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 1622-1635.	0.6	21
43	Ultra-Shortâ€“Acting Î²-Blockers (Esmolol and Landiolol) in the Perioperative Period and in Critically Ill Patients. Journal of Cardiothoracic and Vascular Anesthesia, 2018, 32, 1415-1425.	0.6	20
44	Epidural Analgesia in Open Thoraco-abdominal Aortic Aneurysm Repair. European Journal of Vascular and Endovascular Surgery, 2019, 57, 360-367.	0.8	19
45	A Comparison Between First-Generation and Second-Generation Transcatheter Aortic Valve Implantation (TAVI) Devices: A Propensity-Matched Single-Center Experience. Journal of Invasive Cardiology, 2016, 28, 210-6.	0.4	19
46	Prolonged transesophageal echocardiography during percutaneous closure of the left atrial appendage without general anesthesia: the utility of the Janus mask. Canadian Journal of Anaesthesia, 2016, 63, 962-965.	0.7	17
47	Tranexamic acid in open aortic aneurysm surgery: a randomised clinical trial. British Journal of Anaesthesia, 2020, 124, 35-43.	1.5	17
48	Long-Term Outcomes After Transcatheter Aortic Valve Implantation from a Single High-Volume Center (The Milan Experience). American Journal of Cardiology, 2016, 117, 813-819.	0.7	16
49	Post-infarct ventricular septal rupture: early Impella implantation to delay surgery and reduce surgical risk. Cardiovascular Intervention and Therapeutics, 2017, 32, 381-385.	1.2	16
50	Editor's Choice â€“ A Rotational Thromboelastometry Driven Transfusion Strategy Reduces Allogenic Blood Transfusion During Open Thoraco-abdominal Aortic Aneurysm Repair: A Propensity Score Matched Study. European Journal of Vascular and Endovascular Surgery, 2019, 58, 13-22.	0.8	16
51	The Spectrum of COVID-19-Associated Myocarditis: A Patient-Tailored Multidisciplinary Approach. Journal of Clinical Medicine, 2021, 10, 1974.	1.0	16
52	Percutaneous Direct Annuloplasty With Edge-to-Edge Technique for Mitral Regurgitation: Replicating a Complete Surgical Mitral Repair in a One-Step Procedure. Canadian Journal of Cardiology, 2018, 34, 1088.e1-1088.e2.	0.8	14
53	Phosphocreatine in Cardiac Surgery Patients: A Meta-Analysis of Randomized Controlled Trials. Journal of Cardiothoracic and Vascular Anesthesia, 2018, 32, 762-770.	0.6	14
54	MortalitY in caRdIAc surgery (MYRIAD): A randomizeD controlled trial of volatile anesthetics. Rationale and design. Contemporary Clinical Trials, 2017, 59, 38-43.	0.8	13

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55	Esmolol before cardioplegia and as cardioplegia adjuvant reduces cardiac troponin release after cardiac surgery. A randomized trial. Perfusion (United Kingdom), 2017, 32, 313-320.	0.5	13
56	Biomarker-guided implementation of the KDIGO guidelines to reduce the occurrence of acute kidney injury in patients after cardiac surgery (PrevAKI-multicentre): protocol for a multicentre, observational study followed by randomised controlled feasibility trial. BMJ Open, 2020, 10, e034201.	0.8	13
57	Thoracic Endovascular Aortic Repair With Additional Distal Bare Stents in Type B Aortic Dissection Does Not Prevent Long-Term Aneurysmal Degeneration. Journal of Endovascular Therapy, 2021, 28, 425-433.	0.8	13
58	Open or endovascular treatment of downstream thoracic or thoraco-abdominal aortic pathology after frozen elephant trunk: perioperative and mid-term outcomes. European Journal of Cardio-thoracic Surgery, 2021, 61, 120-129.	0.6	13
59	Impact of post-procedural hyperglycemia on acute kidney injury after transcatheter aortic valve implantation. International Journal of Cardiology, 2016, 221, 892-897.	0.8	12
60	Predicting the Need for Intra-operative Large Volume Blood Transfusions During Thoraco-abdominal Aortic Aneurysm Repair. European Journal of Vascular and Endovascular Surgery, 2017, 53, 347-353.	0.8	12
61	Percutaneous bicuspidalization of the tricuspid valve using the MitraClip system. International Journal of Cardiovascular Imaging, 2017, 33, 227-228.	0.7	11
62	Effect of Volatile Anesthetics on Myocardial Infarction After Coronary Artery Surgery: A Post Hoc Analysis of a Randomized Trial. Journal of Cardiothoracic and Vascular Anesthesia, 2022, 36, 2454-2462.	0.6	11
63	Predictors of Cardiac Troponin Release After Mitral Valve Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2010, 24, 931-938.	0.6	10
64	A Systematic Review and International Web-Based Survey of Randomized Controlled Trials in the Perioperative and Critical Care Setting: Interventions Increasing Mortality. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 2685-2694.	0.6	10
65	First experience with a ROTEM-enhanced transfusion algorithm in patients undergoing aortic arch replacement with frozen elephant trunk technique. A theranostic approach to patient blood management. Journal of Clinical Anesthesia, 2020, 66, 109910.	0.7	10
66	Mid-term outcomes of isolated tricuspid valve surgery according to preoperative clinical and functional staging. European Journal of Cardio-thoracic Surgery, 2022, 62, .	0.6	9
67	First-in-Human Implantation of a Direct Flow Medical Valve in a Radiolucent Mitral Annuloplasty Ring. JACC: Cardiovascular Interventions, 2015, 8, e105-e108.	1.1	8
68	Noninvasive Ventilation After Thoracoabdominal Aortic Surgery: A Pilot Randomized Controlled Trial. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 1639-1645.	0.6	8
69	Anatomic and procedural associations of transcatheter heart valve displacement following Evolut R implantation. Catheterization and Cardiovascular Interventions, 2019, 93, 522-529.	0.7	8
70	First reorganization in Europe of a regional cardiac surgery system to deal with the coronavirus-2019 pandemic. European Journal of Cardio-thoracic Surgery, 2020, 58, 25-29.	0.6	8
71	Isolated tricuspid valve surgery: first outcomes report according to a novel clinical and functional staging of tricuspid regurgitation. European Journal of Cardio-thoracic Surgery, 2021, 60, 1124-1130.	0.6	8
72	Transcatheter aortic valve implantation in intermediate- and low-risk populations: An inevitable progression?. International Journal of Cardiology, 2016, 210, 35-37.	0.8	7

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73	Worldwide Opinion on Multicenter Randomized Interventions Showing Mortality Reduction in Critically Ill Patients: A Democracy-Based Medicine Approach. Journal of Cardiothoracic and Vascular Anesthesia, 2016, 30, 1386-1395.	0.6	7
74	Systolic anterior motion after mitral valve repair: a predictive computational modelâ€. Interactive Cardiovascular and Thoracic Surgery, 2017, 25, 513-519.	0.5	7
75	Periprocedural and perioperatory management of patients with tricuspid valve disease. Minerva Cardioangiologica, 2018, 66, 691-699.	1.2	7
76	Left Ventricular Unloading With an IABP in Patients Undergoing Ventricular Tachycardia Ablation With ECMO Support. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 2686-2693.	0.6	6
77	Renal protection in cardiovascular surgery. F1000Research, 2016, 5, 331.	0.8	6
78	Percutaneous Bicuspidization of the TricuspidÂValve. JACC: Cardiovascular Imaging, 2017, 10, 488-489.	2.3	5
79	Transfemoral Implantation of a Balloon-Expandable Transcatheter ValveÂin a Rigid Mitral Annuloplasty RingÂOptimized by Post-Dilatation. JACC: Cardiovascular Interventions, 2017, 10, e177-e179.	1.1	5
80	Anesthetic Management of Cardioband Implantation: Data From a Preliminary Experience and New Insights. Journal of Cardiothoracic and Vascular Anesthesia, 2017, 31, 482-488.	0.6	5
81	Differences in Biomarkers Pattern Between Severe Isolated Right and Left Ventricular Dysfunction After Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 650-658.	0.6	5
82	Esmolol in Cardiac Surgery: A Randomized Controlled Trial. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 1106-1114.	0.6	5
83	Trigger and Target for Fibrinogen Supplementation Using Thromboelastometry (ROTEM) in Patients Undergoing Open Thoraco-Abdominal Aortic Aneurysm Repair. European Journal of Vascular and Endovascular Surgery, 2021, 61, 799-808.	0.8	5
84	Complicated postoperative course in isolated tricuspid valve surgery: Looking for predictors. Journal of Cardiac Surgery, 2021, 36, 3092-3099.	0.3	5
85	Intraoperative neurophysiologic monitoring in thoracoabdominal aortic aneurysm surgery can provide real-time feedback for strategic decision making. Neurophysiologie Clinique, 2022, 52, 232-241.	1.0	5
86	Thoracic epidural anesthesia in elderly patients undergoing cardiac surgery for mitral regurgitation feasibility study. Annals of Cardiac Anaesthesia, 2012, 15, 164.	0.3	4
87	Thoracic Epidural Anesthesia Improves Early Outcome in Patients Undergoing Cardiac Surgery for Mitral Regurgitation: A Propensity-Matched Study. Journal of Cardiothoracic and Vascular Anesthesia, 2013, 27, 445-450.	0.6	4
88	Predictors of Intensive Care Unit Admission in Patients Undergoing Lead Extraction: A 10-Year Observational Study in a High-Volume Center. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 1845-1851.	0.6	4
89	Long-term outcome of perioperative low cardiac output syndrome in cardiac surgery: 1-year results of a multicenter randomized trial. Journal of Critical Care, 2020, 58, 89-95.	1.0	4
90	Single-center midterm results with the low-profile Zenith Alpha thoracic endovascular stent graft. Journal of Vascular Surgery, 2021, 73, 1533-1540.e2.	0.6	4

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91	Dynamic arterial elastance measured with pressure recording analytical method, and mean arterial pressure responsiveness in hypotensive preload dependent patients undergoing cardiac surgery. European Journal of Anaesthesiology, 2021, 38, 402-410.	0.7	4
92	Noninvasive ventilation during left atrial appendage closure under sedation: Preliminary experience with the Janus Mask. Annals of Cardiac Anaesthesia, 2019, 22, 400.	0.3	4
93	Hypertrophic Left Ventricle With SmallÂCavity and Severe Aortic Angulation. JACC: Cardiovascular Interventions, 2018, 11, e29-e30.	1.1	3
94	Optimal versus suboptimal mitral valve repair: late results in a matched cohort study. European Journal of Cardio-thoracic Surgery, 2020, 58, 328-334.	0.6	3
95	Heart-team hybrid approach to persistent atrial fibrillation with dilated atria: the added value of continuous rhythm monitoring. European Journal of Cardio-thoracic Surgery, 2021, 60, 222-230.	0.6	3
96	Procedural sedation and analgesia for percutaneous high-tech cardiac procedures. Minerva Cardiology and Angiology, 2021, 69, 358-369.	0.4	3
97	Intraoperative electroneurography-guided intercostal nerve cryoablation for pain control after thoracoabdominal aneurysm open surgical repair. International Angiology, 2022, 41, .	0.4	3
98	Physiopathology of Intraoperative Visceral Ischemia and Anesthesiological Management of Supravisceral Aortic Clamping. , 2019, , 147-161.		2
99	Is the Munich Valsalva Implantation Technique (MuVIT) the One-Size-Fits-All Maneuver for Cardiac Output Reduction During TEVAR?. Journal of Endovascular Therapy, 2021, 28, 481-483.	0.8	2
100	Thoracic aorta aneurysm open repair in heart transplant recipient; the anesthesiologistâ€²s perspective. Annals of Cardiac Anaesthesia, 2016, 19, 201.	0.3	2
101	In Response. Anesthesia and Analgesia, 2017, 124, 1014-1014.	1.1	1
102	Beyond high-flow oxygen therapy to manage the hazards of intubation and prevent desaturation. Minerva Anestesiologica, 2017, 83, 998-999.	0.6	1
103	Anesthesiologic Management of Patients Undergoing Cardiac Transapical Procedures: Which Challenges in the Modern Era?. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 1883-1889.	0.6	1
104	Long-term results of thoracoscopic ablation of paroxysmal atrial fibrillation: is the glass half full or half empty?. European Journal of Cardio-thoracic Surgery, 2021, 60, 850-856.	0.6	1
105	Long-term fate of moderate aortic regurgitation left untreated at the time of mitral valve surgery. European Journal of Cardio-thoracic Surgery, 2021, 60, 1131-1138.	0.6	1
106	The STABILISE technique to address malperfusion on acute-subacute type B aortic dissections. Journal of Cardiovascular Surgery, 2022, , .	0.3	1
107	Association Between Type of Anaesthesia and Clinical Outcome in Patients Undergoing Endovascular Repair of Thoraco-Abdominal Aortic Aneurysms by Fenestrated and Branched Endografts. European Journal of Vascular and Endovascular Surgery, 2022, 64, 489-496.	0.8	1
108	In Response. Anesthesia and Analgesia, 2017, 124, 1740-1741.	1.1	0

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109	Severe Mitral Stenosis and Persistent LeftÂAppendage Thrombosis. JACC: Cardiovascular Interventions, 2018, 11, e11-e13.	1.1	0
110	Anesthetic management of carcinoid heart disease after cardiac surgery. A possible use of veno-arterial extracorporeal membrane oxygenation support. Journal of Clinical Anesthesia, 2018, 50, 91-92.	0.7	0
111	Percutaneous Mechanical Thrombectomy of Atriocaval Floating Thrombus After Impella RP Removal in a Critically Ill Patient. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 35, 3743-3745.	0.6	0