

Silvana F Marasco

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

3,660
citations

201674

27
h-index

138484

58
g-index

100
all docs

100
docs citations

100
times ranked

4233
citing authors

#	ARTICLE	IF	CITATIONS
1	Tranexamic Acid in Patients Undergoing Coronary-Artery Surgery. <i>New England Journal of Medicine</i> , 2017, 376, 136-148.	27.0	455
2	Prospective Randomized Controlled Trial of Operative Rib Fixation in Traumatic Flail Chest. <i>Journal of the American College of Surgeons</i> , 2013, 216, 924-932.	0.5	350
3	Review of ECMO (Extra Corporeal Membrane Oxygenation) Support in Critically Ill Adult Patients. <i>Heart Lung and Circulation</i> , 2008, 17, S41-S47.	0.4	321
4	Fully Magnetically Levitated Left Ventricular Assist System for Treating Advanced HF. <i>Journal of the American College of Cardiology</i> , 2015, 66, 2579-2589.	2.8	208
5	Consensus statement: Surgical stabilization of rib fractures rib fracture colloquium clinical practice guidelines. <i>Injury</i> , 2017, 48, 307-321.	1.7	178
6	Stopping vs. Continuing Aspirin before Coronary Artery Surgery. <i>New England Journal of Medicine</i> , 2016, 374, 728-737.	27.0	148
7	Quality of life after major trauma with multiple rib fractures. <i>Injury</i> , 2015, 46, 61-65.	1.7	140
8	Extracorporeal Membrane Oxygenation in Primary Graft Failure After Heart Transplantation. <i>Annals of Thoracic Surgery</i> , 2010, 90, 1541-1546.	1.3	128
9	Early Institution of Mechanical Support Improves Outcomes in Primary Cardiac Allograft Failure. <i>Journal of Heart and Lung Transplantation</i> , 2005, 24, 2037-2042.	0.6	99
10	Heartmate 3 fully magnetically levitated left ventricular assist device for the treatment of advanced heart failure – 1 year results from the Ce mark trial. <i>Journal of Cardiothoracic Surgery</i> , 2017, 12, 23.	1.1	92
11	The small-molecule BGP-15 protects against heart failure and atrial fibrillation in mice. <i>Nature Communications</i> , 2014, 5, 5705.	12.8	86
12	No improvement in neurocognitive outcomes after off-pump versus on-pump coronary revascularisation: a meta-analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2008, 33, 961-970.	1.4	83
13	Long-term evaluation of a fully magnetically levitated circulatory support device for advanced heart failure – two year results from the HeartMate 3 CE Mark Study. <i>European Journal of Heart Failure</i> , 2019, 21, 90-97.	7.1	78
14	A comprehensive evaluation of myocardial fibrosis in hypertrophic cardiomyopathy with cardiac magnetic resonance imaging: linking genotype with fibrotic phenotype. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 1108-1116.	1.2	77
15	An international multicenter experience of biventricular support with HeartMate 3 ventricular assist systems. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 1399-1402.	0.6	60
16	Analysis of bone healing in flail chest injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2014, 77, 452-458.	2.1	53
17	Cadaveric Lobar Lung Transplantation: Technical Aspects. <i>Annals of Thoracic Surgery</i> , 2012, 93, 1836-1842.	1.3	49
18	THE RISK OF EYE SPLASH INJURIES IN SURGERY. <i>ANZ Journal of Surgery</i> , 1998, 68, 785-787.	0.7	43

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19	Heart transplantation in Fontan patients across Australia and New Zealand. <i>Heart</i> , 2016, 102, 1120-1126.	2.9	40
20	Impact of rib fixation on quality of life after major trauma with multiple rib fractures. <i>Injury</i> , 2019, 50, 119-124.	1.7	40
21	Multicentre clinical trial experience with the HeartMate 3 left ventricular assist device: 30-day outcomes. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 548-554.	1.4	39
22	Extracorporeal Life Support Bridge to Ventricular Assist Device: The Double Bridge Strategy. <i>Artificial Organs</i> , 2016, 40, 100-106.	1.9	37
23	Prolonged cardiac allograft ischemic time ? no impact on long-term survival but at what cost?. <i>Clinical Transplantation</i> , 2007, 21, 321-329.	1.6	35
24	Mode of Failure of Rib Fixation With Absorbable Plates: A Clinical and Numerical Modeling Study. <i>Journal of Trauma</i> , 2010, 68, 1225-1233.	2.3	34
25	The results of a single-center experience with HeartMate 3 in a biventricular configuration. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 193-200.	0.6	33
26	Ecstasy-Associated Pneumomediastinum. <i>Annals of the Royal College of Surgeons of England</i> , 2007, 89, 389-393.	0.6	31
27	Effect of donor preservation solution and survival in lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2011, 30, 414-419.	0.6	27
28	Twelve-hour Reanimation of a Human Heart Following Donation After Circulatory Death. <i>Heart Lung and Circulation</i> , 2014, 23, 88-90.	0.4	27
29	Procurement of lungs for transplantation following donation after circulatory death: the Alfred technique. <i>Journal of Surgical Research</i> , 2014, 192, 642-646.	1.6	27
30	Long-Term Right Ventricular Support with a Centrifugal Ventricular Assist Device Placed in the Right Atrium. <i>Journal of Cardiac Surgery</i> , 2014, 29, 839-842.	0.7	26
31	Tranexamic acid in coronary artery surgery: One-year results of the Aspirin and Tranexamic Acid for Coronary Artery Surgery (ATACAS) trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 644-652.e9.	0.8	26
32	Thoracotomy in adults while on ECMO is associated with uncontrollable bleeding. <i>Perfusion (United Kingdom)</i> , 2019, 34, 100-104.	1.0	25
33	Institution of extracorporeal membrane oxygenation late after lung transplantation – a futile exercise?. <i>Clinical Transplantation</i> , 2012, 26, E71-7.	1.6	25
34	Right ventricular failure after implantation of continuous flow left ventricular assist device: analysis of predictors and outcomes. <i>Clinical Transplantation</i> , 2015, 29, 763-770.	1.6	25
35	Surgical rib fixation – Technical aspects. <i>Injury</i> , 2015, 46, 929-932.	1.7	25
36	Surgical management of tricuspid valve endocarditis in the current era: A review. <i>International Journal of Cardiology</i> , 2016, 202, 44-48.	1.7	24

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37	Cost comparison of heart transplant vs. left ventricular assist device therapy at one year. <i>Clinical Transplantation</i> , 2016, 30, 598-605.	1.6	20
38	Structural integrity of intramedullary rib fixation using a single bioresorbable screw. <i>Journal of Trauma</i> , 2012, 73, 668-673.	2.3	19
39	Prospective, randomized, controlled trial of polymer cable ties versus standard wire closure of midline sternotomy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 1589-1595.e1.	0.8	18
40	Public disclosure of surgeon-specific report cards: current status of the debate. <i>ANZ Journal of Surgery</i> , 2005, 75, 1000-1004.	0.7	17
41	Pilot study of operative fixation of fractured ribs in patients with flail chest. <i>ANZ Journal of Surgery</i> , 2009, 79, 804-808.	0.7	17
42	Safety, feasibility, and effect of remote ischemic conditioning in patients undergoing lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 1139-1148.	0.6	16
43	An assessment of outcomes with intramedullary fixation of fractured ribs. <i>Journal of Cardiothoracic Surgery</i> , 2016, 11, 126.	1.1	16
44	Rib fixation in non-ventilator-dependent chest wall injuries: A prospective randomized trial. <i>Journal of Trauma and Acute Care Surgery</i> , 2022, 92, 1047-1053.	2.1	16
45	Successful Bridge to Orthotopic Cardiac Transplantation with Implantation of a HeartWare HVAD in Management of Systemic Right Ventricular Failure in a Patient with Transposition of the Great Arteries and Previous Atrial Switch Procedure. <i>Heart Lung and Circulation</i> , 2016, 25, e69-e71.	0.4	15
46	Increasing Complexity of Heart Transplantation in Patients With Congenital Heart Disease. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2016, 28, 487-497.	0.6	15
47	Five-year outcomes of patients supported with HeartMate 3: a single-centre experience. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 1155-1163.	1.4	15
48	Aspirin in coronary artery surgery: 1-year results of the Aspirin and Tranexamic Acid for Coronary Artery Surgery trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 633-640.	0.8	14
49	International experience using a durable, centrifugal-flow ventricular assist device for biventricular support. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 1372-1379.	0.6	14
50	Molecular markers of programmed cell death in donor hearts before transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 185-193.	0.6	13
51	Targeting oxidative stress in surgery: Effects of ageing and therapy. <i>Experimental Gerontology</i> , 2008, 43, 653-657.	2.8	12
52	Tunneling a Pulmonary Artery Graft: A Simplified Way to Insert and Remove a Temporary Right Ventricular Assist Device. <i>Texas Heart Institute Journal</i> , 2015, 42, 540-542.	0.3	12
53	Rib Fractures, Flail Chest, and Pulmonary Contusion. <i>Current Trauma Reports</i> , 2015, 1, 237-242.	1.3	11
54	Banding the Right Ventricular Assist Device Outflow Conduit: Is It Really Necessary With Current Devices?. <i>Artificial Organs</i> , 2015, 39, 1055-1061.	1.9	11

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55	Outcomes of ventricular assist device implantation in children and young adults: the Melbourne experience. ANZ Journal of Surgery, 2016, 86, 996-1001.	0.7	11
56	Effect of Upper Limb Rehabilitation Compared to No Upper Limb Rehabilitation in Lung Transplant Recipients: A Randomized Controlled Trial. Archives of Physical Medicine and Rehabilitation, 2018, 99, 1257-1264.e2.	0.9	11
57	Ageing population has changed the nature of major thoracic injury. Emergency Medicine Journal, 2019, 36, 340-345.	1.0	11
58	Selective brain hypothermia: feasibility and safety study of a novel method in five patients. Perfusion (United Kingdom), 2020, 35, 96-103.	1.0	11
59	Association of postoperative blood pressure and bleeding after cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2019, 158, 1370-1379.e6.	0.8	10
60	First 5-year multicentric clinical trial experience with the HeartMate 3 left ventricular assist system. Journal of Heart and Lung Transplantation, 2021, 40, 247-250.	0.6	10
61	Comparison of Circulatory Unloading Techniques for Venoarterial Extracorporeal Membrane Oxygenation. ASAIO Journal, 2021, 67, 623-631.	1.6	10
62	Characterization of infected, explanted ventricular assist device drivelines: The role of biofilms and microgaps in the driveline tunnel. Journal of Heart and Lung Transplantation, 2020, 39, 1289-1299.	0.6	9
63	Surgical stabilization versus nonoperative treatment for flail and non-flail rib fracture patterns in patients with traumatic brain injury. European Journal of Trauma and Emergency Surgery, 2022, 48, 3327-3338.	1.7	9
64	Heterotopic heart transplant: is there an indication in the continuous flow ventricular assist device era?. European Journal of Cardio-thoracic Surgery, 2014, 45, 372-376.	1.4	8
65	Protective role of Coenzyme Q ₁₀ in two models of rat lung injury. ANZ Journal of Surgery, 2010, 80, 265-270.	0.7	7
66	Managing central venous obstruction in cystic fibrosis recipients' lung transplant considerations. Journal of Cystic Fibrosis, 2015, 14, 255-261.	0.7	7
67	Six-Month Outcomes After High-Risk Coronary Artery Bypass Graft Surgery and Preoperative Intra-aortic Balloon Counterpulsation Use: An Inception Cohort Study. Journal of Cardiothoracic and Vascular Anesthesia, 2018, 32, 2067-2073.	1.3	7
68	Donor Lung Procurement by Surgical Fellow With an Expectation of High Rate of Lung Utilisation. Heart Lung and Circulation, 2018, 27, 961-966.	0.4	7
69	Emergency department resuscitative thoracotomy at an adult major trauma centre: Outcomes following a training programme with standardised indications. EMA - Emergency Medicine Australasia, 2020, 32, 657-662.	1.1	7
70	ECMO (extra corporeal membrane oxygenation) in major trauma: A 10 year single centre experience. Injury, 2021, 52, 2515-2521.	1.7	7
71	Intracorporeal Biventricular Assist Devices Using the Heartware Ventricular Assist Device in Children. ASAIO Journal, 2020, 66, 1031-1034.	1.6	6
72	A novel method for performing sequential grafts with the radial artery. Annals of Thoracic Surgery, 2002, 74, 1262-1263.	1.3	5

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73	Constrictive Pericarditis Post-Lung Transplant. <i>Journal of Cardiac Surgery</i> , 2015, 30, 651-655.	0.7	4
74	Physiological principles of Starling-like control of rotary ventricular assist devices. <i>Expert Review of Medical Devices</i> , 2020, 17, 1169-1182.	2.8	4
75	Intra-aortic Balloon Pump Use With Extra Corporeal Membrane Oxygenation—A Mock Circulation Loop Study. <i>ASAIO Journal</i> , 2022, 68, 669-675.	1.6	4
76	A Phase 1 Study of a Novel Bidirectional Perfusion Cannula in Patients Undergoing Femoral Cannulation for Cardiac Surgery. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018, 13, 97-103.	0.9	3
77	Rapid deployment of an aortic valve prosthesis during ventricular assist device implantation. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 478-480.	0.6	3
78	Apoptotic Markers in Donor Hearts After Brain Death vs Circulatory Death. <i>Transplantation Proceedings</i> , 2021, 53, 612-619.	0.6	3
79	Sex differences in mortality after first time, isolated coronary artery bypass graft surgery: a systematic review and meta-analysis of randomized controlled trials. <i>European Journal of Cardiovascular Nursing</i> , 2022, 21, 759-771.	0.9	3
80	Spinal cord infarction and peripheral extracorporeal membrane oxygenation: a case series. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab488.	0.6	3
81	Hybrid Repair of an Aortic Arch Aneurysm Rupture in a Redo Sternotomy. <i>Heart Lung and Circulation</i> , 2014, 23, e258-e260.	0.4	2
82	Reliability of sternal instability scale (SIS) for transverse sternotomy in lung transplantation (LTX). <i>Physiotherapy Theory and Practice</i> , 2018, 34, 931-934.	1.3	2
83	A real-life experience with HeartMate III. <i>Journal of Cardiac Surgery</i> , 2019, 34, 1031-1036.	0.7	2
84	Ischaemic Mitral Regurgitation and the Role of Surgical Intervention. <i>Heart Lung and Circulation</i> , 2008, 17, S14-S20.	0.4	1
85	Aprotinin in lung transplantation is associated with an increased incidence of primary graft dysfunction. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 37, 420-5.	1.4	1
86	Improving the Exposure of the Left Hilum for Lung Transplantation: The Value of a Simple Pericardial Stitch. <i>Annals of Thoracic Surgery</i> , 2015, 100, 1132.	1.3	1
87	Fixation of a human rib by an intramedullary telescoping splint anchored by bone cement. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2016, 19, 1297-1305.	1.6	1
88	To zip or wire: An ongoing debate. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 1612-1613.	0.8	1
89	Transcatheter Mitral Valve Implantation with the Medtronic Intrepid [®] , [†] Transcatheter Mitral Valve Replacement System. <i>Future Cardiology</i> , 2019, 15, 281-293.	1.2	1
90	Post Cardiectomy Extra Corporeal Membrane Oxygenation: Australian Cohort Review. <i>Heart Lung and Circulation</i> , 2020, 29, 1865-1872.	0.4	1

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91	Combined Assessment of Functional and Metabolic Performance of Human Donor Hearts: Possible Application in Donation After Circulatory Death. <i>Transplantation</i> , 2021, 105, 1510-1515.	1.0	1
92	Correction of posteromedial papillary muscle displacement in repair of ischemic mitral regurgitation. <i>Journal of Heart Valve Disease</i> , 2008, 17, 620-7.	0.5	1
93	Oxidative Stress and Coenzyme Q10 Therapy. , 2006, , 965-993.		0
94	Is the reporting of an individual surgeon's clinical performance doing more harm than good for patient care?. , 0, , 197-211.		0
95	Renal Failure and Right Heart Failure After Left Ventricular Assist Device Implantation: Which Is Cause and Which Is Effect?. <i>Heart Lung and Circulation</i> , 2017, 26, 1123-1124.	0.4	0
96	Novel Sternal Protection Device for Cardiac Surgery via Median Sternotomy Incision. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2017, 12, 370-374.	0.9	0
97	Novel Sternal Protection Device for Cardiac Surgery via Median Sternotomy Incision. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2017, 12, 370-374.	0.9	0
98	Mitral Valve Regurgitation After Lung Transplantation: Aetiology, Management and Outcome. <i>Heart Lung and Circulation</i> , 2021, , .	0.4	0