

# Alessandro Barbone

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,806  
citations

331670

21  
h-index

276875

41  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1821  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | β-Blockers Restore Calcium Release Channel Function and Improve Cardiac Muscle Performance in Human Heart Failure. <i>Circulation</i> , 2003, 107, 2459-2466.   | 1.6 | 281       |
| 2  | Chronic Unloading by Left Ventricular Assist Device Reverses Contractile Dysfunction and Alters Gene Expression in End-Stage Heart Failure. <i>Circulation</i> , 2000, 102, 2713-2719.                              | 1.6 | 268       |
| 3  | Comparison of Right and Left Ventricular Responses to Left Ventricular Assist Device Support in Patients With Severe Heart Failure. <i>Circulation</i> , 2001, 104, 670-675.  | 1.6 | 207       |
| 4  | Time course of reverse remodeling of the left ventricle during support with a left ventricular assist device. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001, 121, 902-908.                           | 0.8 | 140       |
| 5  | Left ventricular assist device support normalizes left and right ventricular beta-adrenergic pathway properties. <i>Journal of the American College of Cardiology</i> , 2005, 45, 668-676.                          | 2.8 | 92        |
| 6  | Outcome of open total arch replacement in the modern era. <i>Journal of Vascular Surgery</i> , 2016, 63, 537-545.   | 1.1 | 80        |
| 7  | Left ventricle unloading by percutaneous pigtail during extracorporeal membrane oxygenation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2011, 13, 293-295.  | 1.1 | 78        |
| 8  | Inducible Nitric Oxide Synthase Expression in Smooth Muscle Cells and Macrophages of Human Transplant Coronary Artery Disease. <i>Circulation</i> , 1998, 97, 2338-2345.  | 1.6 | 69        |
| 9  | Disease-specific remodeling of cardiac mitochondria after a left ventricular assist device. <i>Annals of Thoracic Surgery</i> , 2002, 73, 1216-1221.  | 1.3 | 60        |
| 10 | The Italian study on the Mitroflow postoperative results (ISTHMUS): a 20-year, multicentre evaluation of Mitroflow pericardial bioprosthesis. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 39, 18-26. | 1.4 | 56        |
| 11 | Left ventricular assist device-induced reverse ventricular remodeling. <i>Progress in Cardiovascular Diseases</i> , 2000, 43, 19-26.  | 3.1 | 55        |
| 12 | Normalized Diastolic Properties After Left Ventricular Assist Result From Reverse Remodeling of Chamber Geometry. <i>Circulation</i> , 2001, 104, I-229-I-232.  | 1.6 | 32        |
| 13 | Clinical histopathology and ultrastructural analysis of myocardium following microwave energy ablation. <i>European Journal of Cardio-thoracic Surgery</i> , 2003, 23, 573-577.                                     | 1.4 | 31        |
| 14 | LVAD support in patients with bioprosthetic valves. <i>Annals of Thoracic Surgery</i> , 2002, 74, 232-234.  | 1.3 | 29        |
| 15 | Very Long-Term Results of Surgical and Transcatheter Ablation of Long-Standing Persistent Atrial Fibrillation. <i>Annals of Thoracic Surgery</i> , 2013, 96, 1273-1278.   | 1.3 | 28        |
| 16 | Endogenous endothelium-derived nitric oxide inhibits myocardial caspase activity: implications for treatment of end-stage heart failure. <i>Journal of Heart and Lung Transplantation</i> , 2002, 21, 576-585.      | 0.6 | 26        |
| 17 | Circulatory support in elderly chronic heart failure patients using the CircuLite® Synergy® system. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, 207-212.   | 1.4 | 26        |
| 18 | Reoperation for Aortic False Aneurysms: Our Experience and Strategy for Safe Resternotomy. <i>Journal of Cardiac Surgery</i> , 2008, 23, 216-220.   | 0.7 | 23        |

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|----|--|-----|-----------|
| 19 | Assessment of synchrony relationships between the native left ventricle and the heartmate left ventricular assist device. <i>Journal of Heart and Lung Transplantation</i> , 2002, 21, 509-515.                    | 0.6 | 22        |
| 20 | Analysis of postsurgical aortic false aneurysm in 27 patients. <i>Texas Heart Institute Journal</i> , 2013, 40, 274-80.  | 0.3 | 22        |
| 21 | Cryoablation of the left posterior atrial wall: 95 patients and 3 years of mean follow-up. <i>European Journal of Cardio-thoracic Surgery</i> , 2003, 24, 731-740.   | 1.4 | 21        |
| 22 | A call to action becomes practice: cardiac and vascular surgery during the COVID-19 pandemic based on the Lombardy emergency guidelines. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 319-327.   | 1.4 | 21        |
| 23 | Impact of Cusp Repair on Reoperation Risk After the David Procedure. <i>Annals of Thoracic Surgery</i> , 2016, 102, 1503-1511.   | 1.3 | 18        |
| 24 | Circulatory support with a direct cardiac compression device: A less invasive approach with the AbioBooster device. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001, 122, 786-787.                    | 0.8 | 17        |
| 25 | Reimplantation valve-sparing aortic root replacement with the Valsalva graft: what have we learnt after 100 cases?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2009, 9, 113-116.                     | 1.1 | 15        |
| 26 | 6 Months of "Temporary" Support by Levitronix Left Ventricular Assist Device. <i>Artificial Organs</i> , 2012, 36, 639-642.  | 1.9 | 12        |
| 27 | A video-assisted thoracoscopic technique to encircle the four pulmonary veins: a new surgical intervention for atrial fibrillation ablation. <i>Heart Surgery Forum</i> , 2002, 5, 337-9.                          | 0.5 | 12        |
| 28 | Cusp repair during aortic valve-sparing operation. <i>Journal of Cardiovascular Medicine</i> , 2015, 16, 310-317.  | 1.5 | 11        |
| 29 | Hybrid Versus Conventional Treatment of Acute Type A Aortic Dissection. <i>Journal of Cardiac Surgery</i> , 2015, 30, 707-713.   | 0.7 | 9         |
| 30 | Inducible nitric oxide synthase is upregulated in human transplant coronary artery disease. <i>Transplantation Proceedings</i> , 1997, 29, 2579-2580.  | 0.6 | 7         |
| 31 | Aortic valve-sparing operations in patients with aneurysms of the aortic root or ascending aorta: preliminary results. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2005, 4, 137-139.                  | 1.1 | 6         |
| 32 | Minimally invasive direct coronary artery bypass in the era of percutaneous coronary intervention. <i>Journal of Cardiovascular Medicine</i> , 2015, 16, 118-124.  | 1.5 | 5         |
| 33 | Prognostic value of SARS-CoV-2 on patients undergoing cardiac surgery. <i>Journal of Cardiac Surgery</i> , 2022, 37, 165-173.  | 0.7 | 5         |
| 34 | Reimplantation Valve-Sparing Aortic Root Replacement for Aortic Root Aneurysm in the Elderly: Are We Pushing the Limits?. <i>Journal of Cardiac Surgery</i> , 2010, 25, 56-61.                                     | 0.7 | 4         |
| 35 | Postsurgical aortic false aneurysm. <i>Journal of Cardiovascular Medicine</i> , 2013, 14, 593-596.   | 1.5 | 4         |
| 36 | Impella 5.0 support before, during, and after surgical ventriculoplasty following acute myocardial infarction in the COVID-19 era: a case report. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab037. | 0.6 | 4         |

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|----|---|-----|-----------|
| 37 | How to determine the correct placement of the retrograde cardioplegia catheter. Interactive Cardiovascular and Thoracic Surgery, 2002, 1, 28-29.  | 1.1 | 2         |
| 38 | Aortic root replacement with the Carboseal composite valve graft: analysis of risk factors. Interactive Cardiovascular and Thoracic Surgery, 2005, 4, 360-364.  | 1.1 | 2         |
| 39 | Normalized Diastolic Properties After Left Ventricular Assist Result From Reverse Remodeling of Chamber Geometry. Circulation, 2001, 104, .   | 1.6 | 2         |
| 40 | Left atrial epicardial ablation associated to a Bentall procedure. European Journal of Cardio-thoracic Surgery, 2002, 22, 633-635.  | 1.4 | 1         |
| 41 | Facilitated Insertion of the Hancock II Bioprosthesis. Journal of Cardiac Surgery, 2002, 17, 232-234.   | 0.7 | 0         |
| 42 | Microwave ablation of atrial fibrillation in conjunction with treatment of early postoperative massive left atrial thrombosis. Interactive Cardiovascular and Thoracic Surgery, 2003, 2, 16-18.                             | 1.1 | 0         |
| 43 | Endocardial Cryoablation of Atrial Fibrillation. , 2011, , 219-226.   |     | 0         |
| 44 | 195 A New Treatment Option for Intermacs Profile 4, 5 and 6 Patients with the CirculiteÂ® SynergyÂ® System. Journal of Heart and Lung Transplantation, 2012, 31, S73-S74.   | 0.6 | 0         |
| 45 | Current Clinical Experience With the Circulite Â® Synergy Â® System in Chronic Ambulatory Heart Failure. Journal of Cardiac Failure, 2012, 18, S38.   | 1.7 | 0         |
| 46 | CircuLite Â® Synergy Â® System Experience in Circulatory Support for Elderly Chronic Heart Failure Patients. Journal of Cardiac Failure, 2012, 18, S42.   | 1.7 | 0         |
| 47 | Can the Seattle Heart Failure Score (SHFS) Be Used To Select Non-Inotrope Dependent Severe Heart Failure Patients With Appropriate Risk for Mechanical Circulatory Support?. Journal of Cardiac Failure, 2012, 18, S42-S43. | 1.7 | 0         |
| 48 | Current Clinical Experience with the SynergyÂ® Micro-Pump System in Chronic Ambulatory Heart Failure. Journal of Cardiac Failure, 2012, 18, 882.  | 1.7 | 0         |
| 49 | Mitral and Aortic Valve Prosthetic Endocarditis After Percutaneous Closure of Mitral Paravalvular Leak. Annals of Thoracic Surgery, 2013, 95, e45-e46.  | 1.3 | 0         |
| 50 | Balanced Double Aortic Arch in an Older Patient. Annals of Thoracic Surgery, 2015, 99, 2221.  | 1.3 | 0         |
| 51 | Iatrogenic left ventricular false aneurysm. Journal of Cardiovascular Medicine, 2016, 17, e158.   | 1.5 | 0         |
| 52 | Commentary: Left ventricular assist device and outcome: Where are we planning to go?. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 1863-1864.   | 0.8 | 0         |
| 53 | Single-center experience with partial support device in destination therapy for end-stage heart failure. Artificial Organs, 2020, 44, 1044-1049.  | 1.9 | 0         |
| 54 | CORONARY ARTERY BYPASS GRAFTS CLOSE PREMATURELY AFTER LVAD IMPLANTATION WHICH MAY BE RELATED TO REDUCED MYOCARDIAL BLOOD FLOW AND METABOLISM. ASAIO Journal, 2001, 47, 145.   | 1.6 | 0         |

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|----|---|-----|-----------|
| 55 | Intracardiac hematoma treated conservatively by ECMO support. Artificial Organs, 2022, 46, 1436-1438. | 1.9 | 0         |