

Biagio Castaldi

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

1,136
citations

430874

18
h-index

454955

30
g-index

100
all docs

100
docs citations

100
times ranked

1529
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Systemic sclerosis sine scleroderma in children. <i>Rheumatology</i> , 2022, 61, 2555-2562. | 1.9 | 7 |
| 2 | Left ventricular longitudinal strain alterations in asymptomatic or mildly symptomatic paediatric patients with SARS-CoV-2 infection. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 1083-1089. | 1.2 | 16 |
| 3 | Effectiveness of Repair of Aortic Coarctation in Neonates: A Long-Term experience. <i>Pediatric Cardiology</i> , 2022, 43, 17-26. | 1.3 | 6 |
| 4 | Surgical management of failing Fontan circulation: results from 30 cases with 285 patient-years follow-up. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 338-345. | 1.4 | 7 |
| 5 | Safety and efficacy of aortic coarctation stenting in children and adolescents. <i>International Journal of Cardiology Congenital Heart Disease</i> , 2022, 8, 100389. | 0.4 | 2 |
| 6 | Hybrid approach for management of end-stage heart failure in complex congenital heart disease. <i>International Journal of Artificial Organs</i> , 2022, 45, 722-725. | 1.4 | 0 |
| 7 | Early detection of ventricular dysfunction in juvenile systemic sclerosis by speckle tracking echocardiography. <i>Rheumatology</i> , 2021, 60, 103-107. | 1.9 | 5 |
| 8 | Trans-catheter atrial septal defect closure with the new GOREÂ® Cardioform ASD occluder: First European experience. <i>International Journal of Cardiology</i> , 2021, 327, 68-73. | 1.7 | 9 |
| 9 | Long-term experience with the one-and-a-half ventricle repair for simple and complex congenital heart defects. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 244-252. | 1.4 | 2 |
| 10 | The multiple faces of autoimmune/immune-mediated myocarditis in children: a biopsy-proven case series treated with immunosuppressive therapy. <i>ESC Heart Failure</i> , 2021, 8, 1604-1609. | 3.1 | 5 |
| 11 | Understanding and recognition of the right ventricular function and dysfunction via a numerical study. <i>Scientific Reports</i> , 2021, 11, 3709. | 3.3 | 7 |
| 12 | Multidisciplinary management of a rare case of mixed total anomalous pulmonary venous connection. <i>Journal of Cardiac Surgery</i> , 2021, 36, 2562-2564. | 0.7 | 0 |
| 13 | LV-GLS in congenital heart disease, time to go beyond ejection fraction. <i>Echocardiography</i> , 2021, 38, 384-385. | 0.9 | 2 |
| 14 | Severe scoliosis and percutaneous atrial septal defect closure, a word of caution. <i>Cardiology in the Young</i> , 2021, 31, 870-871. | 0.8 | 0 |
| 15 | The presence of an additional ventricular chamber does not change the outcome of Fontan circulation: a comparative study. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 1074-1081. | 1.4 | 5 |
| 16 | A case of atrial septal defect associated with anomalous sinoatrial node artery in pulmonary atresia with intact ventricular septum. <i>Echocardiography</i> , 2021, 38, 1201-1204. | 0.9 | 2 |
| 17 | PPAR agonists as effective adjuvants for COVID-19 vaccines, by modifying immunogenetics: a review of literature. <i>Journal of Genetic Engineering and Biotechnology</i> , 2021, 19, 82. | 3.3 | 15 |
| 18 | Three-Dimensional printing for hybrid closure of complex muscular ventricular septal defects. <i>Annals of Thoracic Surgery</i> , 2021, , . | 1.3 | 2 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | How to measure left ventricular twist by two-dimensional speckle-tracking analysis. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 961-963. | 1.2 | 7 |
| 20 | Early Echocardiographic and Cardiac MRI Findings in Multisystem Inflammatory Syndrome in Children. <i>Journal of Clinical Medicine</i> , 2021, 10, 3360. | 2.4 | 37 |
| 21 | The rescue snared wire technique for challenging transcatheter pulmonary valve implantation: a case series of two patients. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab135. | 0.6 | 0 |
| 22 | Surgical strategies for the management of end-stage heart failure in infants and children: A 15-year experience with a patient-tailored approach. <i>Artificial Organs</i> , 2021, 45, 1543-1553. | 1.9 | 9 |
| 23 | Resilience and response of the congenital cardiac network in Italy during the COVID-19 pandemic. <i>Journal of Cardiovascular Medicine</i> , 2021, 22, 9-13. | 1.5 | 7 |
| 24 | Multi-Parametric Diagnostic Approach and Potential Markers of Early Onset Subclinical Cardiovascular Disease in a Cohort of Children, Adolescents and Young Adults Vertically Infected with HIV on cART. <i>Journal of Clinical Medicine</i> , 2021, 10, 5455. | 2.4 | 2 |
| 25 | Impact of hard lockdown on interventional cardiology procedures in congenital heart disease: a survey on behalf of the Italian Society of Congenital Heart Disease. <i>Journal of Cardiovascular Medicine</i> , 2021, 22, 701-705. | 1.5 | 3 |
| 26 | Typical values for pediatric interventional cardiology catheterizations: A standardized approach towards Diagnostic Reference Level establishment. <i>Physica Medica</i> , 2020, 76, 134-141. | 0.7 | 4 |
| 27 | Reversing Inoperability in Eisenmenger Syndrome: The "Drug-and-Banding" Approach. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2020, 11, 646-648. | 0.8 | 1 |
| 28 | Interventional cardiac catheterization in neonatal age: results in a multicentre Italian experience. <i>International Journal of Cardiology</i> , 2020, 314, 36-42. | 1.7 | 5 |
| 29 | Pulmonary Artery Banding for Ventricular Rehabilitation in Infants With Dilated Cardiomyopathy: Early Results in a Single-Center Experience. <i>Frontiers in Pediatrics</i> , 2020, 8, 347. | 1.9 | 9 |
| 30 | Cardiac imaging in congenital heart disease during the coronavirus disease-2019 pandemic: recommendations from the Working Group on Congenital Heart Disease of the Italian Society of Cardiology. <i>Journal of Cardiovascular Medicine</i> , 2020, 21, 467-471. | 1.5 | 11 |
| 31 | Alternative techniques of right ventricular outflow tract reconstruction for surgical repair of truncus arteriosus. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 30, 910-916. | 1.1 | 2 |
| 32 | DATA in BRIEF of: Interventional Cardiac Catheterization in Neonatal Age: Results in a Multi-centre Italian Experience. <i>Data in Brief</i> , 2020, 31, 105694. | 1.0 | 0 |
| 33 | A case of AndraStent [®] fracture in a patient with aortic coarctation: a review of the literature. <i>Cardiology in the Young</i> , 2020, 30, 1035-1038. | 0.8 | 3 |
| 34 | Rituximab for rapidly progressive juvenile systemic sclerosis. <i>Rheumatology</i> , 2020, 59, 3793-3797. | 1.9 | 12 |
| 35 | Percutaneous Closure of Patent Foramen Ovale and Secundum Atrial Septal Defects with the CORE _{1/2} CARDIOFORM Septal Occluder: Incidence and Implications of Device Wire Frame Fracture. <i>Congenital Heart Disease</i> , 2020, 15, 347-360. | 0.2 | 2 |
| 36 | Modified extracardiac Fontan with a fenestrated pericardial patch. <i>Journal of Cardiac Surgery</i> , 2020, 35, 1618-1620. | 0.7 | 2 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | 138â€fPulmonary valve preservation and transannular patch techniques in children with repaired tetralogy of Fallot; echocardiographic comparison. European Heart Journal Supplements, 2020, 22, N45-N51. | 0.1 | 1 |
| 38 | FFR-Guided PCI in a 17-Year-Old Patient after Arterial Switch Operation for D-Transposition of the Great Arteries. Congenital Heart Disease, 2020, 15, 441-445. | 0.2 | 0 |
| 39 | Abstract 15118: Pulmonary Valve Preservation During Tetralogy of Fallot Repair is Associated With Enhanced Pulmonary Valve and Right Ventricular Function. Circulation, 2020, 142, . | 1.6 | 0 |
| 40 | Arterial switch operation for transposition of the great arteries: A singleâ€centre 32â€year experience. Journal of Cardiac Surgery, 2019, 34, 1154-1161. | 0.7 | 14 |
| 41 | Photosensitive epilepsy and long QT: expanding Timothy syndrome phenotype. Clinical Neurophysiology, 2019, 130, 2134-2136. | 1.5 | 6 |
| 42 | Long-Term Fate of the Neoaortic Root After Neonatal Ross Operation: A Case Series. World Journal for Pediatric & Congenital Heart Surgery, 2019, 10, 364-366. | 0.8 | 5 |
| 43 | Surgical repair of aortic coarctation in pediatric age: A single center two decades experience. Journal of Cardiac Surgery, 2019, 34, 256-265. | 0.7 | 10 |
| 44 | THU0520â€...EARLY IDENTIFICATION OF VENTRICULAR DYSFUNCTION IN JUVENILE SYSTEMIC SCLEROSIS BY SPECKLE TRACKING ECHOCARDIOGRAPHY. , 2019, , . | | 0 |
| 45 | THU0532â€...RITUXIMAB FOR RAPIDLY PROGRESSIVE JUVENILE SYSTEMIC SCLEROSIS. , 2019, , . | | 0 |
| 46 | Transvenous single-chamber ventricular pacemaker implantation via the left superior vena cava to a collateral of the coronary sinus in a Fontan patient. Journal of Cardiovascular Medicine, 2019, 20, 621-622. | 1.5 | 2 |
| 47 | A restrictive ventilatory pattern is common in patients with univentricular heart after Fontan palliation and associated with a reduced exercise capacity and quality of life. Congenital Heart Disease, 2019, 14, 147-155. | 0.2 | 33 |
| 48 | Early modifications of cardiac function in preterm neonates using speckle tracking echocardiography. Echocardiography, 2018, 35, 849-854. | 0.9 | 7 |
| 49 | Pulmonary Artery Banding for Functional Regeneration of End-Stage Dilated Cardiomyopathy in Young Children. Circulation, 2018, 137, 1410-1412. | 1.6 | 43 |
| 50 | The natural history and surgical outcome of patients with scimitar syndrome: a multi-centre European study. European Heart Journal, 2018, 39, 1002-1011. | 2.2 | 26 |
| 51 | Hemodynamic impact of pulmonary vasodilators on single ventricle physiology. Cardiovascular Therapeutics, 2018, 36, e12314. | 2.5 | 13 |
| 52 | Can myocardial remodeling be a useful surrogate predictor of myocardial iron load? A 3D echocardiographic multicentric study. Pediatric Blood and Cancer, 2018, 65, e27272. | 1.5 | 4 |
| 53 | Speckle Tracking in ALCAPA Patients After Surgical Repair as Predictor of Residual Coronary Disease. Pediatric Cardiology, 2017, 38, 794-800. | 1.3 | 13 |
| 54 | Natural History and Medical Treatment. , 2017, , 91-103. | | 0 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Successful transvenous mechanical lead extraction and stent implantation in a patient after Mustard palliation for D-transposition of great arteries and superior vena cava syndrome. <i>Journal of Cardiovascular Medicine</i> , 2016, 17, e210-e211. | 1.5 | 1 |
| 56 | 216-22: Head To Head Comparison Between Transesophageal And Intracardiac Electrophysiologic Study In Pediatric Patients With Supraventricular Tachycardia Or Manifest Accessory Pathway. <i>Europace</i> , 2016, 18, i146-i146. | 1.7 | 0 |
| 57 | 216-45: Device management for the control of atrial tachyarrhythmias in patients with Fontan circulation. A single center experience. <i>Europace</i> , 2016, 18, i152-i152. | 1.7 | 0 |
| 58 | 216-48: Mechanical Extraction of Chronic Pacing Leads Combined with Angioplasty for Baffle Obstruction in Transposition of Great Arteries Palliated with Mustard Procedure. <i>Europace</i> , 2016, 18, i153-i153. | 1.7 | 0 |
| 59 | Preservation of the Pulmonary Valve During Early Repair of Tetralogy of Fallot: Surgical Techniques. <i>Pediatric Cardiac Surgery Annual</i> , 2016, 19, 75-81. | 1.2 | 28 |
| 60 | Porcine Intestinal Submucosa (CorMatrix) for Semilunar Valve Repair in Children: A Word of Caution After Midterm Results. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2016, 28, 436-445. | 0.6 | 23 |
| 61 | Early Correction of Common Atrioventricular Septal Defects: A Single-Center 20-Year Experience. <i>Annals of Thoracic Surgery</i> , 2016, 102, 2044-2051. | 1.3 | 19 |
| 62 | Atenolol vs enalapril in young hypertensive patients after successful repair of aortic coarctation. <i>Journal of Human Hypertension</i> , 2016, 30, 363-367. | 2.2 | 10 |
| 63 | Multi-district coronary tree involvement in a 17-year-old girl with Williams-Beuren syndrome. <i>SpringerPlus</i> , 2015, 4, 436. | 1.2 | 0 |
| 64 | Rescue Coronary Artery Bypass Grafting in a Neonate After Arterial Switch Operation: A Temporary or a Lifetime Solution?. <i>Journal of Cardiac Surgery</i> , 2015, 30, 611-613. | 0.7 | 0 |
| 65 | Late Electrical and Mechanical Remodeling After Atrial Septal Defect Closure in Children: Surgical Versus Percutaneous Approach. <i>Annals of Thoracic Surgery</i> , 2015, 100, 181-186. | 1.3 | 9 |
| 66 | Clinical Profile and Quality of Life of Adult Patients After the Fontan Procedure. <i>Pediatric Cardiology</i> , 2015, 36, 1261-1269. | 1.3 | 16 |
| 67 | Three Dimensional Speckle Tracking Echocardiography (3D-STE) for Early Detection of Subtle Myocardial Deformation Dysfunction in Thalassemic Patients. <i>Blood</i> , 2015, 126, 2158-2158. | 1.4 | 0 |
| 68 | Evolving strategies for preserving the pulmonary valve during early repair of tetralogy of Fallot: Mid-term results. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 687-696. | 0.8 | 57 |
| 69 | Strain Evaluation of Left Atrial Function: Ready for the Future?. <i>Archives of Cardiovascular Imaging</i> , 2014, 2, . | 0.2 | 0 |
| 70 | Impact of the Amplatzer Atrial Septal Occluder Device on Left Ventricular Function in Pediatric Patients. <i>Pediatric Cardiology</i> , 2013, 34, 1645-1651. | 1.3 | 11 |
| 71 | Natural History and Clinical Outcome of Uncorrected Scimitar Syndrome Patients: a Multicenter Study of the Italian Society of Pediatric Cardiology. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2013, 66, 556-560. | 0.6 | 16 |
| 72 | Assessment of left-ventricular mass and remodeling in obese adolescents. <i>Journal of Cardiovascular Medicine</i> , 2013, 14, 144-149. | 1.5 | 15 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Alarm!!! A UFO inside the heart. <i>Journal of Cardiovascular Medicine</i> , 2012, 13, 645-647. | 1.5 | 0 |
| 74 | Early Left Ventricular Abnormalities in Children with Heterozygous Familial Hypercholesterolemia. <i>Journal of the American Society of Echocardiography</i> , 2012, 25, 1075-1082. | 2.8 | 28 |
| 75 | Transcatheter Closure of Symptomatic Arterial Duct in Infants Younger Than 1 Year Old. <i>Pediatric Cardiology</i> , 2012, 33, 1397-1401. | 1.3 | 5 |
| 76 | Over-the-wire-technique device implantation. <i>Catheterization and Cardiovascular Interventions</i> , 2012, 80, 485-492. | 1.7 | 6 |
| 77 | New Approach in Congenital Heart Diseases with Duct- Dependent Pulmonary Circulation: Trans-Catheter Arterial Duct Stenting. , 2012, , 188-206. | | 0 |
| 78 | New Echocardiographic Techniques in Congenital Heart Disease. , 2012, , 87-122. | | 0 |
| 79 | Cardioembolic stroke: who is the guilty?. <i>Journal of Cardiovascular Medicine</i> , 2011, 12, 370-372. | 1.5 | 1 |
| 80 | Trileaflet pulmonary valve atresia. <i>Journal of Cardiovascular Medicine</i> , 2011, 12, 274-276. | 1.5 | 1 |
| 81 | Percutaneous embolization of lung sequestration using a novel occluding device. <i>Journal of Cardiovascular Medicine</i> , 2011, 12, 349-350. | 1.5 | 3 |
| 82 | Impact of Obesity on Left Ventricular Geometry and Function in Pediatric Patients after Successful Aortic Coarctation Repair. <i>Echocardiography</i> , 2011, 28, 907-912. | 0.9 | 5 |
| 83 | Arterial duct stenting in low-weight newborns with duct-dependent pulmonary circulation. <i>Catheterization and Cardiovascular Interventions</i> , 2011, 78, 677-685. | 1.7 | 16 |
| 84 | Masked hypertension in young patients after successful aortic coarctation repair: impact on left ventricular geometry and function. <i>Journal of Human Hypertension</i> , 2011, 25, 739-745. | 2.2 | 53 |
| 85 | Arterial duct stenting: do we still need surgical shunt in congenital heart malformations with duct-dependent pulmonary circulation?. <i>Journal of Cardiovascular Medicine</i> , 2010, 11, 852-857. | 1.5 | 20 |
| 86 | Arterial Duct Stenting in Congenital Heart Disease with Duct-Dependent Pulmonary Circulation. <i>Current Pediatric Reviews</i> , 2010, 6, 183-191. | 0.8 | 0 |
| 87 | Myocardial Strain Analysis in a Doxorubicin-Induced Cardiomyopathy Model. <i>Ultrasound in Medicine and Biology</i> , 2008, 34, 370-378. | 1.5 | 32 |
| 88 | Atrial Myocardial Deformation Properties in Obese Nonhypertensive Children. <i>Journal of the American Society of Echocardiography</i> , 2008, 21, 151-156. | 2.8 | 45 |
| 89 | Two-dimensional strain to assess regional left and right ventricular longitudinal function in 100 normal fetuses. <i>European Journal of Echocardiography</i> , 2008, 9, 754-756. | 2.3 | 92 |
| 90 | Two-dimensional strain and atrial function: a study on patients after percutaneous closure of atrial septal defect. <i>European Journal of Echocardiography</i> , 2008, 10, 256-259. | 2.3 | 29 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | Abnormal regional myocardial deformation properties and increased aortic stiffness in normotensive patients with aortic coarctation despite successful correction: an ABPM, standard echocardiography and strain rate imaging study. <i>Clinical Science</i> , 2007, 113, 259-266. | 4.3 | 37 |
| 92 | Abnormal myocardial deformation properties in obese, non-hypertensive children: an ambulatory blood pressure monitoring, standard echocardiographic, and strain rate imaging study. <i>European Heart Journal</i> , 2006, 27, 2689-2695. | 2.2 | 144 |
| 93 | Pulmonary Valve Preservation During Tetralogy of Fallot Repair: Mid-Term Functional Outcomes and Risk Factors for Pulmonary Regurgitation. <i>European Journal of Cardio-thoracic Surgery</i> , 0, , . | 1.4 | 1 |