

Biagio Castaldi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1504729/publications.pdf>

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	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
2	Two-dimensional strain to assess regional left and right ventricular longitudinal function in 100 normal foetuses. <i>European Journal of Echocardiography</i> , 2008, 9, 754-756.	2.3	92
3	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
4	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
5	Atrial Myocardial Deformation Properties in Obese Nonhypertensive Children. <i>Journal of the American Society of Echocardiography</i> , 2008, 21, 151-156.	2.8	45
6	Pulmonary Artery Banding for Functional Regeneration of End-Stage Dilated Cardiomyopathy in Young Children. <i>Circulation</i> , 2018, 137, 1410-1412.	1.6	43
7	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
8	Early Echocardiographic and Cardiac MRI Findings in Multisystem Inflammatory Syndrome in Children. <i>Journal of Clinical Medicine</i> , 2021, 10, 3360.	2.4	37
9	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. <i>Congenital Heart Disease</i> , 2019, 14, 147-155.	0.2	33
10	Myocardial Strain Analysis in a Doxorubicin-Induced Cardiomyopathy Model. <i>Ultrasound in Medicine and Biology</i> , 2008, 34, 370-378.	1.5	32
11	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
12	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
13	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
14	The natural history and surgical outcome of patients with scimitar syndrome: a multi-centre European study. <i>European Heart Journal</i> , 2018, 39, 1002-1011.	2.2	26
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Clinical Profile and Quality of Life of Adult Patients After the Fontan Procedure. <i>Pediatric Cardiology</i> , 2015, 36, 1261-1269.	1.3	16
21	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
22	Assessment of left-ventricular mass and remodeling in obese adolescents. <i>Journal of Cardiovascular Medicine</i> , 2013, 14, 144-149.	1.5	15
23	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
24	Arterial switch operation for transposition of the great arteries: A single-centre 32-year experience. <i>Journal of Cardiac Surgery</i> , 2019, 34, 1154-1161.	0.7	14
25	Speckle Tracking in ALCAPA Patients After Surgical Repair as Predictor of Residual Coronary Disease. <i>Pediatric Cardiology</i> , 2017, 38, 794-800.	1.3	13
26	Hemodynamic impact of pulmonary vasodilators on single ventricle physiology. <i>Cardiovascular Therapeutics</i> , 2018, 36, e12314.	2.5	13
27	Rituximab for rapidly progressive juvenile systemic sclerosis. <i>Rheumatology</i> , 2020, 59, 3793-3797.	1.9	12
28	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
29	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
30	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
31	Surgical repair of aortic coarctation in pediatric age: A single center two decades experience. <i>Journal of Cardiac Surgery</i> , 2019, 34, 256-265.	0.7	10
32	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
33	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
34	Trans-catheter atrial septal defect closure with the new GORE® Cardioform ASD occluder: First European experience. <i>International Journal of Cardiology</i> , 2021, 327, 68-73.	1.7	9
35	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
36	Early modifications of cardiac function in preterm neonates using speckle tracking echocardiography. <i>Echocardiography</i> , 2018, 35, 849-854.	0.9	7

#	ARTICLE	IF	CITATIONS
37	Systemic sclerosis sine scleroderma in children. <i>Rheumatology</i> , 2022, 61, 2555-2562.	1.9	7
38	Understanding and recognition of the right ventricular function and dysfunction via a numerical study. <i>Scientific Reports</i> , 2021, 11, 3709.	3.3	7
39	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
40	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
41	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
42	Over-the-wire-technique device implantation. <i>Catheterization and Cardiovascular Interventions</i> , 2012, 80, 485-492.	1.7	6
43	Photosensitive epilepsy and long QT: expanding Timothy syndrome phenotype. <i>Clinical Neurophysiology</i> , 2019, 130, 2134-2136.	1.5	6
44	Effectiveness of Repair of Aortic Coarctation in Neonates: A Long-Term experience. <i>Pediatric Cardiology</i> , 2022, 43, 17-26.	1.3	6
45	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
46	Transcatheter Closure of Symptomatic Arterial Duct in Infants Younger Than 1 Year Old. <i>Pediatric Cardiology</i> , 2012, 33, 1397-1401.	1.3	5
47	Long-Term Fate of the Neoaortic Root After Neonatal Ross Operation: A Case Series. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2019, 10, 364-366.	0.8	5
48	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
49	Early detection of ventricular dysfunction in juvenile systemic sclerosis by speckle tracking echocardiography. <i>Rheumatology</i> , 2021, 60, 103-107.	1.9	5
50	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
51	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
52	Can myocardial remodeling be a useful surrogate predictor of myocardial iron load? A 3D echocardiographic multicentric study. <i>Pediatric Blood and Cancer</i> , 2018, 65, e27272.	1.5	4
53	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
54	Percutaneous embolization of lung sequestration using a novel occluding device. <i>Journal of Cardiovascular Medicine</i> , 2011, 12, 349-350.	1.5	3

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	Transvenous single-chamber ventricular pacemaker implantation via the left superior vena cava to a collateral of the coronary sinus in a Fontan patient. <i>Journal of Cardiovascular Medicine</i> , 2019, 20, 621-622.	1.5	2
58	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
59	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
60	LVGLS in congenital heart disease, time to go beyond ejection fraction. <i>Echocardiography</i> , 2021, 38, 384-385.	0.9	2
61	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
62	Three-Dimensional printing for hybrid closure of complex muscular ventricular septal defects. <i>Annals of Thoracic Surgery</i> , 2021, , .	1.3	2
63	Percutaneous Closure of Patent Foramen Ovale and Secundum Atrial Septal Defects with the CORE ₂ CARDIOFORM Septal Occluder: Incidence and Implications of Device Wire Frame Fracture. <i>Congenital Heart Disease</i> , 2020, 15, 347-360.	0.2	2
64	Modified extracardiac Fontan with a fenestrated pericardial patch. <i>Journal of Cardiac Surgery</i> , 2020, 35, 1618-1620.	0.7	2
65	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
66	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
67	Cardioembolic stroke: who is the guilty?. <i>Journal of Cardiovascular Medicine</i> , 2011, 12, 370-372.	1.5	1
68	Trileaflet pulmonary valve atresia. <i>Journal of Cardiovascular Medicine</i> , 2011, 12, 274-276.	1.5	1
69	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
70	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
71	138€ Pulmonary valve preservation and transannular patch techniques in children with repaired tetralogy of Fallot; echocardiographic comparison. <i>European Heart Journal Supplements</i> , 2020, 22, N45-N51.	0.1	1
72	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

#	ARTICLE	IF	CITATIONS
73	Alarm!!! A UFO inside the heart. Journal of Cardiovascular Medicine, 2012, 13, 645-647.	1.5	0
74	Multi-district coronary tree involvement in a 17-year-old girl with Williams's Beuren syndrome. SpringerPlus, 2015, 4, 436.	1.2	0
75	Rescue Coronary Artery Bypass Grafting in a Neonate After Arterial Switch Operation: A Temporary or a Lifetime Solution?. Journal of Cardiac Surgery, 2015, 30, 611-613.	0.7	0
76	216-22: Head To Head Comparison Between Transesophageal And Intracardiac Electrophysiologic Study In Pediatric Patients With Supraventricular Tachycardia Or Manifest Accessory Pathway. Europace, 2016, 18, i146-i146.	1.7	0
77	216-45: Device management for the control of atrial tachyarrhythmias in patients with Fontan circulation. A single center experience. Europace, 2016, 18, i152-i152.	1.7	0
78	216-48: Mechanical Extraction of Chronic Pacing Leads Combined with Angioplasty for Baffle Obstruction in Transposition of Great Arteries Palliated with Mustard Procedure. Europace, 2016, 18, i153-i153.	1.7	0
79	Natural History and Medical Treatment. , 2017, , 91-103.		0
80	THU0520â€¦EARLY IDENTIFICATION OF VENTRICULAR DYSFUNCTION IN JUVENILE SYSTEMIC SCLEROSIS BY SPECKLE TRACKING ECHOCARDIOGRAPHY. , 2019, , .		0
81	THU0532â€¦RITUXIMAB FOR RAPIDLY PROGRESSIVE JUVENILE SYSTEMIC SCLEROSIS. , 2019, , .		0
82	DATA in BRIEF of: Interventional Cardiac Catheterization in Neonatal Age: Results in a Multi-centre Italian Experience. Data in Brief, 2020, 31, 105694.	1.0	0
83	Multidisciplinary management of a rare case of mixed total anomalous pulmonary venous connection. Journal of Cardiac Surgery, 2021, 36, 2562-2564.	0.7	0
84	Severe scoliosis and percutaneous atrial septal defect closure, a word of caution. Cardiology in the Young, 2021, 31, 870-871.	0.8	0
85	The rescue snared wire technique for challenging transcatheter pulmonary valve implantation: a case series of two patients. European Heart Journal - Case Reports, 2021, 5, ytab135.	0.6	0
86	Arterial Duct Stenting in Congenital Heart Disease with Duct-Dependent Pulmonary Circulation. Current Pediatric Reviews, 2010, 6, 183-191.	0.8	0
87	New Approach in Congenital Heart Diseases with Duct- Dependent Pulmonary Circulation: Trans-Catheter Arterial Duct Stenting. , 2012, , 188-206.		0
88	New Echocardiographic Techniques in Congenital Heart Disease. , 2012, , 87-122.		0
89	Strain Evaluation of Left Atrial Function: Ready for the Future?. Archives of Cardiovascular Imaging, 2014, 2, .	0.2	0
90	Three Dimensional Speckle Tracking Echocardiography (3D-STE) for Early Detection of Subtle Myocardial Deformation Dysfunction in Thalassemic Patients. Blood, 2015, 126, 2158-2158.	1.4	0

#	ARTICLE	IF	CITATIONS
91	FFR-Guided PCI in a 17-Year-Old Patient after Arterial Switch Operation for D-Transposition of the Great Arteries. <i>Congenital Heart Disease</i> , 2020, 15, 441-445.	0.2	0
92	Abstract 15118: Pulmonary Valve Preservation During Tetralogy of Fallot Repair is Associated With Enhanced Pulmonary Valve and Right Ventricular Function. <i>Circulation</i> , 2020, 142, .	1.6	0
93	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