Mario Carminati

List of Publications by Citations

175 papers	4,385 citations	33 h-index	61 g-index
180 ext. papers	4,938 ext. citations	3.6 avg, IF	4.82 L-index

#	Paper	IF	Citations
175	Early and late complications associated with transcatheter occlusion of secundum atrial septal defect. *Journal of the American College of Cardiology*, **2002**, 39, 1061-5	15.1	463
174	Transcatheter closure of congenital ventricular septal defects: results of the European Registry. *European Heart Journal*, **2007**, 28, 2361-8	9.5	259
173	Transcatheter closure of perimembranous ventricular septal defects: early and long-term results. *Journal of the American College of Cardiology*, **2007**, 50, 1189-95	15.1	218
172	Percutaneous pulmonary valve implantation based on rapid prototyping of right ventricular outflow tract and pulmonary trunk from MR data. *Radiology*, **2007**, 242, 490-7	20.5	177
171	Percutaneous versus surgical closure of secundum atrial septal defect: comparison of early results and complications. *American Heart Journal*, **2006**, 151, 228-34	4.9	135
170	Results and mid-long-term follow-up of stent implantation for native and recurrent coarctation of the aorta. *European Heart Journal*, **2005**, 26, 2728-32	9.5	132
169	Initial human experience with the Amplatzer perimembranous ventricular septal occluder device. *Catheterization and Cardiovascular Interventions*, **2003**, 58, 238-45	2.7	131
168	Melody transcatheter pulmonary valve implantation. Results from the registry of the Italian Society of Pediatric Cardiology. *Catheterization and Cardiovascular Interventions*, **2013**, 81, 310-6	2.7	129
167	Transcatheter closure of atrial septal defect in young children: results and follow-up. *Journal of the American College of Cardiology*, **2003**, 42, 241-5	15.1	102
166	Treatment of isolated secundum atrial septal defects: impact of age and defect morphology in 1,013 consecutive patients. *American Heart Journal*, **2008**, 156, 706-12	4.9	97
165	Transcatheter closure of congenital ventricular septal defect with Amplatzer septal occluders. *American Journal of Cardiology*, **2005**, 96, 52L-58L	3	95
164	First-in-man implantation of a novel percutaneous valve: a new approach to medical device development. *EuroIntervention*, **2010**, 5, 745-50	3.1	93
163	Percutaneous versus surgical closure of secundum atrial septal defects: a systematic review and meta-analysis of currently available clinical evidence. *EuroIntervention*, **2011**, 7, 377-85	3.1	81
162	A new 2D-based method for myocardial velocity strain and strain rate quantification in a normal adult and paediatric population: assessment of reference values. *Cardiovascular Ultrasound*, **2009**, 7, 8	2.4	69
161	Transcatheter closure of congenital and acquired muscular ventricular septal defects using the Amplatzer device. *Journal of Invasive Cardiology*, **2002**, 14, 322-7	0.7	65
160	Atrial function after surgical and percutaneous closure of atrial septal defect: a strain rate imaging study. *Journal of the American Society of Echocardiography*, **2005**, 18, 930-3	5.8	62
159	Role of heart rate variability in the early diagnosis of diabetic autonomic neuropathy in children. *Herz*, **2002**, 27, 785-90	2.6	62

158	Transcatheter closure of persistent ductus arteriosus with the Amplatzer duct occluder in very young symptomatic children. *Heart*, **2004**, 90, 1467-70	5.1	59
157	Covered stents in patients with complex aortic coarctations. *American Heart Journal*, **2007**, 154, 795-800	4.9	55
156	Transcatheter closure of atrial septal defects with the STARFlex device: early results and follow-up. *Journal of Interventional Cardiology*, **2001**, 14, 319-24	1.8	55
155	Late complete atriovenous block after percutaneous closure of a perimembranous ventricular septal defect. *Catheterization and Cardiovascular Interventions*, **2006**, 67, 938-41	2.7	53
154	Transcatheter closure of atrial septal defect with a new flexible, self-centering device (the STARFlex Occluder). *American Journal of Cardiology*, **1999**, 84, 1113-6, A10	3	50
153	Transcatheter closure of congenital ventricular septal defects in adult: mid-term results and complications. *International Journal of Cardiology*, **2009**, 133, 70-3	3.2	48
152	Octreotide in the management of postoperative chylothorax. *Pediatric Cardiology*, **2005**, 26, 440-3	2.1	45
151	Surgical treatment of arrhythmias in adults with congenital heart defects. *International Journal of Cardiology*, **2008**, 129, 37-41	3.2	44
150	The effectiveness of octreotide in the treatment of post-operative chylothorax. *European Journal of Pediatrics*, **2002**, 161, 149-50	4.1	43
149	Comparison of strain rate imaging for quantitative evaluation of regional left and right ventricular function after surgical versus percutaneous closure of atrial septal defect. *American Journal of Cardiology*, **2005**, 96, 299-302	3	43
148	Percutaneous closure of ventricular septal defects in children aged . *European Heart Journal*, **2006**, 27, 2889-95	9.5	42
147	CardioSEAL/STARflex versus Amplatzer devices for percutaneous closure of small to moderate (up to 18 mm) atrial septal defects. *American Heart Journal*, **2004**, 148, 507-10	4.9	41
146	Surgical Atrioventricular Valve Replacement With Melody Valve in Infants and Children. *Circulation: Cardiovascular Interventions*, **2018**, 11, e007145	6	41
145	Percutaneous closure of ventricular septal defects. *Cardiology in the Young*, **2007**, 17, 243-53	1	40
144	Combined atrial septal defect surgical closure and irrigated radiofrequency ablation in adult patients. *Annals of Thoracic Surgery*, **2006**, 82, 1327-31	2.7	37
143	Percutaneous closure of ventricular septal defects. State of the art. *Journal of Cardiovascular Medicine*, **2007**, 8, 39-45	1.9	34
142	Acute and midterm outcomes of the post-approval MELODY Registry: a multicentre registry of transcatheter pulmonary valve implantation. *European Heart Journal*, **2019**, 40, 2255-2264	9.5	33
141	Systematic review and meta-analysis of currently available clinical evidence on migraine and patent foramen ovale percutaneous closure: much ado about nothing?. *Catheterization and Cardiovascular Interventions*, **2010**, 75, 494-504	2.7	32

140	Right ventricular restoration during pulmonary valve implantation in adults with congenital heart disease. *European Journal of Cardio-thoracic Surgery*, **2006**, 29 Suppl 1, S279-85	3	32
139	HELEX Septal Occluder for transcatheter closure of patent foramen ovale: multicentre experience. *EuroIntervention*, **2006**, 1, 465-71	3.1	30
138	Right and left ventricular strain and strain rate in young adults before and after percutaneous atrial septal defect closure. *Echocardiography*, **2011**, 28, 730-7	1.5	29
137	Fontan conversion with concomitant arrhythmia surgery for the failing atriopulmonary connections: mid-term results from a single centre. *Cardiology in the Young*, **2011**, 21, 665-9	1	28
136	Redilation of e-PTFE covered CP stents. *Catheterization and Cardiovascular Interventions*, **2008**, 72, 273-7	2.7	28
135	Percutaneous closure of multiple defects of the atrial septum: procedural results and long-term follow-up. *Catheterization and Cardiovascular Interventions*, **2010**, 76, 121-8	2.7	26
134	Covered stents in patients with congenital heart defects. *Catheterization and Cardiovascular Interventions*, **2006**, 67, 466-72	2.7	26
133	From bare to covered: 15-year single center experience and follow-up in trans-catheter stent implantation for aortic coarctation. *Catheterization and Cardiovascular Interventions*, **2014**, 83, 953-63	2.7	25
132	Transcatheter closure of postsurgical residual ventricular septal defects: early and mid-term results. *Catheterization and Cardiovascular Interventions*, **2010**, 75, 246-55	2.7	24
131	A comparison between the early and mid-term results of surgical as opposed to percutaneous closure of defects in the oval fossa in children aged less than 6 years. *Cardiology in the Young*, **2007**, 17, 35-41	1	23
130	Percutaneous treatment of aortic isthmus atresia: use of radiofrequency perforation and covered stents. *Catheterization and Cardiovascular Interventions*, **2011**, 78, 933-9	2.7	22
129	Novel percutaneous suture-mediated patent foramen ovale closure technique: early results of the NobleStitch EL Italian Registry. *EuroIntervention*, **2018**, 14, e272-e279	3.1	22
128	Neoaortic valve and root complex evolution after Ross operation in infants, children, and adolescents. *Annals of Thoracic Surgery*, **2010**, 90, 1278-85	2.7	21
127	Patient-specific simulations for planning treatment in congenital heart disease. *Interface Focus*, **2018**, 8, 20170021	3.9	20
126	Evaluation of 4D flow MRI-based non-invasive pressure assessment in aortic coarctations. *Journal of Biomechanics*, **2019**, 94, 13-21	2.9	20
125	Increased risk for non-autoimmune hypothyroidism in young patients with congenital heart defects. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E1115-9	5.6	20
124	Is steroid therapy enough to reverse complete atrioventricular block after percutaneous perimembranous ventricular septal defect closure?. *Journal of Cardiovascular Medicine*, **2009**, 10, 412-4	1.9	19
123	Differential diagnosis between patent foramen ovale and pulmonary arteriovenous fistula in two patients with previous cryptogenic stroke caused by presumed paradoxical embolism. *Journal of the American Society of Echocardiography*, **2002**, 15, 845-6	5.8	19

122	Cross-sectional echocardiographic study of criss-cross hearts and superoinferior ventricles. *American Journal of Cardiology*, **1987**, 59, 114-8	3	19
121	Initial experience with the new Amplatzer Duct Occluder II. *Journal of Invasive Cardiology*, **2009**, 21, 401-5	5.7	19
120	The impact of interventional cardiology for the management of adults with congenital heart defects. *Catheterization and Cardiovascular Interventions*, **2006**, 67, 258-64	2.7	18
119	The impact of actual and perceived disease severity on pre-operative psychological well-being and illness behaviour in adult congenital heart disease patients. *Cardiology in the Young*, **2014**, 24, 275-82	1	17
118	Cardiac magnetic resonance: impact on diagnosis and management of patients with congenital cardiovascular disease. *Clinical Radiology*, **2011**, 66, 720-5	2.9	17
117	Aortic coarctation complicated by wall aneurysm: the role of covered stents. *Catheterization and Cardiovascular Interventions*, **2011**, 78, 926-32	2.7	17
116	Association of Children with Heart Disease in the World: 10-year experience. *Pediatric Cardiology*, **2004**, 25, 492-4	2.1	17
115	Use of 65 cm large caliber Dryseal sheaths to facilitate delivery of the Edwards SAPIEN valve to dysfunctional right ventricular outflow tracts. *Catheterization and Cardiovascular Interventions*, **2019**, 94, 409-413	2.7	16
114	Effect of bosentan on exercise capacity and clinical worsening in patients with dual down and eisenmenger syndrome. *Clinical Medicine Insights: Cardiology*, **2013**, 7, 29-34	3.2	16
113	Intracardiac echocardiography during percutaneous pulmonary valve replacement. *European Heart Journal*, **2008**, 29, 2908	9.5	16
112	What do parents know about the malformations afflicting the hearts of their children?. *Cardiology in the Young*, **2005**, 15, 125-9	1	16
111	Holographic Augmented Reality and 3D Printing for Advanced Planning of Sinus Venosus ASD/Partial Anomalous Pulmonary Venous Return Percutaneous Management. *JACC: Cardiovascular Interventions*, **2019**, 12, 1389-1391	5	15
110	The Edwards Valeo lifestents in the treatment and palliation of congenital heart disease in infants and small children. *Catheterization and Cardiovascular Interventions*, **2015**, 86, 432-7	2.7	15
109	Evaluation of right ventricular function in adults with congenital heart defects. *Echocardiography*, **2015**, 32 Suppl 1, S38-52	1.5	15
108	Echocardiographic assessment after surgical repair of tetralogy of fallot. *Frontiers in Pediatrics*, **2015**, 3, 3	3.4	15
107	Transcatheter Closure of a Perimembranous Ventricular Septal Defect in a Dog. *Journal of Veterinary Internal Medicine*, **2007**, 21, 1396-1400	3.1	15
106	Endothelialization of ASD devices for transcatheter closure: possibility or reality?. *International Journal of Cardiology*, **2004**, 97, 563-4	3.2	15
105	Timing of pulmonary valve replacement after tetralogy of Fallot repair. *Expert Review of Cardiovascular Therapy*, **2012**, 10, 917-23	2.5	14

104	Transcatheter PFO closure with GORE( ) septal occluder: early and mid-term clinical results. *Catheterization and Cardiovascular Interventions*, **2013**, 82, 944-9	2.7	14
103	Descending thoracic and abdominal aortic coarctation in the young: Surgical treatment after percutaneous approaches failure. *Journal of Vascular Surgery*, **2008**, 47, 865-7	3.5	14
102	Patients operated for tetralogy of fallot and with non-sustained ventricular tachycardia have reduced heart rate variability. *Herz*, **2004**, 29, 304-9	2.6	14
101	Long-term follow-up of stents implanted to relieve peripheral pulmonary arterial stenosis: hemodynamic findings and results of lung perfusion scanning. *Cardiology in the Young*, **1999**, 9, 585-91	1	14
100	Closure of patent foramen ovale defects using GORE CARDIOFORM septal occluder: Results from a prospective European multicenter study. *Catheterization and Cardiovascular Interventions*, **2017**, 90, 824-829	2.7	13
99	Prediction of stenting related adverse events through patient-specific finite element modelling. *Journal of Biomechanics*, **2018**, 79, 135-146	2.9	13
98	Is it too early to recommend patent foramen ovale closure for all patients who suffer from migraine? A single-centre study. *Journal of Cardiovascular Medicine*, **2009**, 10, 401-5	1.9	13
97	When side matters: contrast echocardiography with injection from the left antecubital vein to detect a persistent left superior vena cava draining to the left atrium in a patient with cerebral stroke. *Circulation*, **2012**, 125, e1	16.7	12
96	Early surgical removal of membranous ventricular septal device might allow recovery of atrio-ventricular block. *Pediatric Cardiology*, **2008**, 29, 971-5	2.1	12
95	Transcatheter closure of atrial septal defect under combined transesophageal and intracardiac echocardiography. *Echocardiography*, **2003**, 20, 389-90	1.5	12
94	Improving health perception through a transition care model for adolescents with congenital heart disease. *Journal of Cardiovascular Medicine*, **2019**, 20, 253-260	1.9	12
93	Four-year cardiac magnetic resonance (CMR) follow-up of patients treated with percutaneous pulmonary valve stent implantation. *European Radiology*, **2015**, 25, 3606-13	8	11
92	Acquired coronary artery disease in adult patients with congenital heart disease: a true or a false problem?. *Journal of Cardiovascular Medicine*, **2017**, 18, 605-609	1.9	11
91	Covered-stent implantation to treat aortic coarctation. *Expert Review of Medical Devices*, **2012**, 9, 123-30	3.5	11
90	Expanding indications for the treatment of pulmonary artery stenosis in children by using cutting balloon angioplasty. *Catheterization and Cardiovascular Interventions*, **2006**, 67, 460-5	2.7	11
89	Chronic embolization of an atrial septal occluder device: percutaneous or surgical retrieval? A case report. *Journal of Cardiovascular Medicine*, **2007**, 8, 197-200	1.9	11
88	Familial occurrence of isolated right ventricular hypoplasia. *American Journal of Medical Genetics Part A*, **2000**, 90, 356-7		11
87	Residual shunting after percutaneous PFO closure: how to manage and how to close. *Catheterization and Cardiovascular Interventions*, **2013**, 82, 950-8	2.7	10

86	Role of imaging in interventions on structural heart disease. *Expert Review of Cardiovascular Therapy*, **2013**, 11, 1659-76	2.5	10
85	3-Dimensional personalized planning for transcatheter pulmonary valve implantation in a dysfunctional right ventricular outflow tract. *International Journal of Cardiology*, **2020**, 309, 33-39	3.2	10
84	Goose-neck snare-assisted transcatheter ASD closure: A safety procedure for large and complex ASDs. *Catheterization and Cardiovascular Interventions*, **2016**, 87, 926-30	2.7	10
83	Giant coronary and systemic aneurysms of Kawasaki disease in an infant. *Pediatric Cardiology*, **2010**, 31, 915-6	2.1	9
82	The "pull-push" technique to deal with a redundant eustachian valve interfering with placement of a PFO occluder. *Catheterization and Cardiovascular Interventions*, **2006**, 68, 961-4	2.7	9
81	Surgical mitral valve replacement with the Melody valve in infants and children: the Italian experience. *EuroIntervention*, **2017**, 12, 2104-2109	3.1	9
80	Hemodynamic, not ventilatory, inefficiency is associated with high VE/VCO2 slope in repaired, noncyanotic congenital heart disease. *International Journal of Cardiology*, **2015**, 191, 132-7	3.2	8
79	Percutaneous closure of ventricular septal defects. *Expert Review of Cardiovascular Therapy*, **2006**, 4, 671-80	2.5	8
78	Transcatheter treatment of muscular ventricular septal defect and pulmonary valvar stenosis in an infant. *Catheterization and Cardiovascular Interventions*, **2002**, 55, 212-6	2.7	8
77	Residual shunt after patent foramen ovale closure: preliminary results from Italian patent foramen ovale survey. *Journal of Stroke and Cerebrovascular Diseases*, **2013**, 22, e219-26	2.8	7
76	Acquired pulmonary vein stenosis after radiofrequency ablation treated by angioplasty and stent implantation. *Journal of Cardiovascular Medicine*, **2007**, 8, 618-24	1.9	7
75	Growth after neonatal arterial switch operation for D-transposition of the great arteries. *Pediatric Cardiology*, **2002**, 23, 32-5	2.1	7
74	Percutaneous Pulmonary Valve Implantation. *Korean Circulation Journal*, **2020**, 50, 302-316	2.2	7
73	Novel Deletion Variant in Patient with Atypical Alagille Syndrome. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	7
72	International cooperation in healthcare: model of IRCCS Policlinico San Donato and Bambini Cardiopatici nel Mondo Association for congenital heart diseases. *European Heart Journal Supplements*, **2016**, 18, E72-E78	1.5	6
71	Cardiac magnetic resonance before and after percutaneous pulmonary valve implantation. *Radiologia Medica*, **2014**, 119, 400-7	6.5	6
70	SNPs and real-time quantitative PCR method for constitutional allelic copy number determination, the VPREB1 marker case. *BMC Medical Genetics*, **2011**, 12, 61	2.1	6
69	Managing adults with congenital heart disease in the catheterization laboratory: state of the art. *Expert Review of Cardiovascular Therapy*, **2010**, 8, 1741-52	2.5	6

68	Interatrial right-to-left shunt after lung surgery: diagnostic value of perfusion lung scanning. *American Journal of the Medical Sciences*, **2004**, 328, 180-4	2.2	6
67	Perventricular implantation of a right ventricular-to-pulmonary artery conduit. *European Heart Journal*, **2009**, 30, 2078	9.5	5
66	Transcatheter treatment of perimembranous ventricular septal defect, secundum atrial septal defect and patent ductus arteriosus in a child. *Journal of Cardiovascular Medicine*, **2006**, 7, 775-8	1.9	5
65	A multicentre approach for the management of adults with congenital heart disease. *Journal of Cardiovascular Medicine*, **2006**, 7, 701-5	1.9	5
64	Stenting complex aortic coarctation: simulation in a 3D printed model. *EuroIntervention*, **2017**, 13, 490	3.1	5
63	The care for adults with congenital heart disease: organization and function of a grown-up congenital heart disease unit. *European Heart Journal Supplements*, **2016**, 18, E15-E18	1.5	5
62	The care of adult patients with congenital heart defects: a new challenge. *Italian Heart Journal: Official Journal of the Italian Federation of Cardiology*, **2004**, 5, 178-82		5
61	Prediction of post-stenting biomechanics in coarcted aortas: A pilot finite element study. *Journal of Biomechanics*, **2020**, 105, 109796	2.9	4
60	Treatment of right ventricular outflow tract dysfunction: a multimodality approach. *European Heart Journal Supplements*, **2016**, 18, E22-E26	1.5	4
59	Multi-modal imaging support in a staging percutaneous pulmonary valve implantation. *European Heart Journal*, **2016**, 37, 66	9.5	4
58	Segmentation of cardiac magnetic resonance cine images of single ventricle: including or excluding the accessorial ventricle?. *International Journal of Cardiovascular Imaging*, **2014**, 30, 1117-24	2.5	4
57	Biventricular Heart Remodeling After Percutaneous or Surgical Pulmonary Valve Implantation: Evaluation by Cardiac Magnetic Resonance. *Journal of Thoracic Imaging*, **2017**, 32, 358-364	5.6	4
56	Transcatheter Closure of Membranous Ventricular Septal Defects-Old Problems and New Solutions. *Interventional Cardiology Clinics*, **2013**, 2, 85-91	1.4	4
55	Percutaneous implantation of an Edwards SAPIEN valve in a failing pulmonary bioprosthesis in palliated tetralogy of Fallot. *European Heart Journal*, **2011**, 32, 1534	9.5	4
54	The ideal configuration of the modern theatre for paediatric cardiac catheterisation: Recommendations of the Association for European Paediatric Cardiology. *Cardiology in the Young*, **2003**, 13, 582-584	1	4
53	Coronary-cameral fistulas: indications and methods for closure. *EuroIntervention*, **2016**, 12 Suppl X, X28-X30	3.1	4
52	Lombardy regional urgent reorganization for congenital cardiac patients following the Covid-19 pandemic. *Journal of Cardiovascular Medicine*, **2020**, 21, 654-659	1.9	4
51	Serum NT-proBNP Levels Are Not Related to Vitamin D Status in Young Patients with Congenital Heart Defects. *Disease Markers*, **2016**, 2016, 3970284	3.2	4

50	Blood-threshold CMR volume analysis of functional univentricular heart. *Radiologia Medica*, **2018**, 123, 331-337	6.5	3
49	Does Tetralogy of Fallot affect brain aging? A proof-of-concept study. *PLoS ONE*, **2018**, 13, e0202496	3.7	3
48	Percutaneous closure of multiple secundum atrial septal defects using 3 amplatzer atrial septal occluder devices: evaluation by live transthoracic 3-dimensional echocardiography. *Circulation: Cardiovascular Imaging*, **2008**, 1, e15-6	3.9	3
47	Warfarin or aspirin for recurrent ischemic stroke. *New England Journal of Medicine*, **2002**, 346, 1169-71	59.2	3
46	The use of covered stents in the field of interventional procedures for congenital heart defects. *EuroIntervention*, **2018**, 14, e974-e975	3.1	3
45	Percutaneous management of failed bioprosthetic pulmonary valves in patients with congenital heart defects. *Journal of Cardiovascular Medicine*, **2017**, 18, 430-435	1.9	2
44	Long-term outcome after balloon angioplasty of coarctation of the aorta in adolescents and adults: is aneurysm formation an issue?. *Catheterization and Cardiovascular Interventions*, **2009**, 74, 529	2.7	2
43	Implantation of a second Amplatzer device to eliminate residual shunt after transcatheter patent foramen ovale closure. *Journal of Cardiovascular Medicine*, **2009**, 10, 736-7	1.9	2
42	Migraine, stroke and patent foramen ovale: a dangerous trio?. *Journal of Cardiovascular Medicine*, **2008**, 9, 233-8	1.9	2
41	Risk of thrombus formation on devices used to close transcatheter atrial septal defect and patent foramen ovale. *Journal of the American College of Cardiology*, **2004**, 44, 1712; author reply 1714-6	15.1	2
40	Transcatheter closure of residual atrial septal defects after surgical closure. *Journal of Interventional Cardiology*, **2002**, 15, 187-9	1.8	2
39	Heart failure in grown-up congenital heart disease. *Minerva Cardiology and Angiology*, **2018**, 66, 329-336	2.4	2
38	Right and left ventricle native T1 mapping in systolic phase in patients with congenital heart disease. *Acta Radiologica*, **2021**, 62, 334-340	2	2
37	Surgical re-utilization of a pulmonary valve graft after failed percutaneous treatment. *Journal of Heart Valve Disease*, **2010**, 19, 260-2		2
36	In-stent restenosis and aneurysm development after bare stent implantation: rescue by e-PTFE-covered cheatham- platinum stent. *Journal of Invasive Cardiology*, **2010**, 22, E209-12	0.7	2
35	Partial abnormal drainage of superior and inferior caval veins into the left atrium: two case reports. *Romanian Journal of Morphology and Embryology*, **2016**, 57, 559-62	0.6	2
34	Interventional cardiac catheterization in neonatal age: results in a multicentre Italian experience. *International Journal of Cardiology*, **2020**, 314, 36-42	3.2	1
33	First Surgical Melody Valve-In-Valve Implantation for Early Degeneration in Mitral Position. *Annals of Thoracic Surgery*, **2018**, 105, e169-e170	2.7	1

32	Italian patent foramen ovale survey (I.P.O.S.): Early results. *Perspectives in Medicine*, **2012**, 1, 236-240		1
31	Recommendations from the Association for European Paediatric Cardiology for training in diagnostic and interventional cardiac catheterisation. *Cardiology in the Young*, **2010**, 20, 470-472	1	1
30	Transcatheter closure of congenital ventricular septal defects in adults. *International Journal of Cardiology*, **2010**, 145, 70	3.2	1
29	Covered Cheatham-Platinum stents for serial dilatation of severe native aortic coarctation. *Catheterization and Cardiovascular Interventions*, **2010**, 75, 472; author reply 473	2.7	1
28	Patent foramen ovale percutaneous closure: the no-implant approach. *Expert Review of Medical Devices*, **2008**, 5, 317-21	3.5	1
27	Images in cardiovascular medicine. Percutaneous implantation of a systemic-to-pulmonary shunt. *Circulation*, **2006**, 114, e581-2	16.7	1
26	Percutaneous treatment of ventricular tachycardia, perimembranous ventricular septal defect and patent foramen ovale: a case report. *International Journal of Cardiology*, **2006**, 112, 368-9	3.2	1
25	Congenital aortico-right atrial communication: a rare case in an adult patient. *International Journal of Cardiology*, **2006**, 113, E105-6	3.2	1
24	Percutaneous closure of a coronary fistula between the right coronary artery to the left atrium. *International Journal of Cardiovascular Interventions*, **2004**, 6, 156-9		1
23	Percutaneous pulmonary valve implantation in a single artery branch: A preliminary experience. *World Journal of Cardiology*, **2015**, 7, 695-9	2.1	1
22	Percutaneous Pulmonary Valve Implantation Contraindicated by Severe Aortic Regurgitation Due to Left Coronary Sinus Deformation. *Circulation Journal*, **2018**, 82, 2212	2.9	1
21	An apparently nonsyndromic infant with the association of anorectal and cardiovascular anomalies and a 22q11 deletion. *American Journal of Medical Genetics Part A*, **2002**, 112, 114-5		0
20	Right ventricular strain in repaired Tetralogy of Fallot with regards to pulmonary valve replacement. *European Journal of Radiology*, **2020**, 131, 109235	4.7	0
19	Short-term cardiopulmonary efficiency improvement after transcatheter baffle leak closure in a Mustard-operated patient. *Journal of Cardiovascular Medicine*, **2017**, 18, 447-449	1.9	
18	Transapical closure of paraprosthetic mitral leak in a patient with inferior vena cava interruption and azygos continuation. *Journal of Cardiovascular Medicine*, **2015**, 16 Suppl 1, S23-4	1.9	
17	Evolving Technique for SAPIEN Pulmonary Valve Implantation: A Single-Center Experience. *JACC: Cardiovascular Interventions*, **2020**, 13, 1500-1502	5	
16	DATA in BRIEF of: Interventional Cardiac Catheterization in Neonatal Age: Results in a Multi-centre Italian Experience. *Data in Brief*, **2020**, 31, 105694	1.2	
15	Adult congenital heart disease324-338		

List of Publications

14	Star-like configuration of the pulmonary veins in a case of total anomalous pulmonary venous drainage. *European Journal of Cardio-thoracic Surgery*, **2003**, 23, 1052	3
13	Transcatheter closure of an atrial septal defect within a giant aneurysm of the fossa ovalis. *Echocardiography*, **2003**, 20, 297-8	1.5
12	Other Hybrid Treatments: RV-to-PA Hybrid Conduit **2016**, 391-392	
11	Surgical rescue after transcatheter interventional procedures in congenital heart disease patients: an existing problem. *EuroIntervention*, **2017**, 12, 1724-1729	3.1
10	Early Diagnosis of Congenital Heart Disease: When and How to Treat **2012**, 569-576	
9	Cardiovascular Physiology, Pathology, and Clinical Investigation **2012**, 550-568	
8	Percutaneous Pulmonary Valve **2012**, 125-132	
7	Transcatheter Treatment of Tricuspid Valve **2014**, 185-193	
6	A Misdiagnosed Case of Double Outlet Right Atrium Associated With Hypoplastic Right Ventricle. *World Journal for Pediatric & Congenital Heart Surgery*, **2020**, 11, 358-360	1.1
5	Long-term follow-up after recanalisation of aortic arch atresia. *EuroIntervention*, **2021**, 16, e1274-e1280	3.1
4	Computer-based prediction of coronary artery compression in the planning of transcatheter pulmonary valve implantation. *EuroIntervention*, **2021**, 17, 584-585	3.1
3	Adults with tetralogy of Fallot show specific features of cerebral small vessel disease: the BACH San Donato study.. *Brain Imaging and Behavior*, **2022**, 1	4.1
2	Transcatheter closure of a perimembranous ventricular septal defect in a dog. *Journal of Veterinary Internal Medicine*, **2007**, 21, 1396-400	3.1
1	Patient-Specific Numerical Modeling to Predict Coronary Artery Compression in Transcatheter Pulmonary Valve Implantation **2022**, 191-197	