

Roberto Formigari

List of Publications by Year in descending order

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86
papers

2,647
citations

186265

28
h-index

197818

49
g-index

97
all docs

97
docs citations

97
times ranked

2565
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathology of atrioventricular valve dysplasia. <i>Cardiovascular Pathology</i> , 1993, 2, 137-144.	1.6	168
2	Usefulness of Cardiopulmonary Exercise to Predict Long-Term Prognosis in Adults With Repaired Tetralogy of Fallot. <i>American Journal of Cardiology</i> , 2007, 99, 1462-1467.	1.6	138
3	Determinants of cardiopulmonary functional improvement after transcatheter atrial septal defect closure in asymptomatic adults. <i>Journal of the American College of Cardiology</i> , 2004, 43, 1886-1891.	2.8	115
4	Better surgical prognosis for patients with complete atrioventricular septal defect and Down's syndrome. <i>Annals of Thoracic Surgery</i> , 2004, 78, 666-672.	1.3	109
5	Relation Between Right Ventricular Structural Alterations and Markers of Adverse Clinical Outcome in Adults With Systemic Right Ventricle and Either Congenital Complete (After Senning Operation) or Congenitally Corrected Transposition of the Great Arteries. <i>American Journal of Cardiology</i> , 2006, 98, 1277-1282.	1.6	109
6	Genetic Syndromes and Outcome After Surgical Correction of Tetralogy of Fallot. <i>Annals of Thoracic Surgery</i> , 2006, 81, 968-975.	1.3	104
7	A pilot study on the effects of carvedilol on right ventricular remodelling and exercise tolerance in patients with systemic right ventricle. <i>International Journal of Cardiology</i> , 2007, 114, 241-246.	1.7	95
8	Outcome of cardiac surgery in low birth weight and premature infants ¹ . <i>European Journal of Cardio-thoracic Surgery</i> , 2004, 26, 44-53.	1.4	90
9	Minimally invasive or interventional repair of atrial septal defects in children: experience in 171 cases and comparison with conventional strategies. <i>Journal of the American College of Cardiology</i> , 2001, 37, 1707-1712.	2.8	89
10	Genetic syndromes and congenital heart defects: how is surgical management affected?. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 35, 606-614.	1.4	88
11	Long-term coronary artery outcome after arterial switch operation for transposition of the great arteries [†] . <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 38, 714-720.	1.4	86
12	Prevalence and predictors of neo-aortic regurgitation after arterial switch operation for transposition of the great arteries. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003, 126, 1753-1759.	0.8	77
13	Cardiac defects, morbidity and mortality in patients affected by RASopathies. CARNET study results. <i>International Journal of Cardiology</i> , 2017, 245, 92-98.	1.7	75
14	Associated cardiac anomalies in isolated and syndromic patients with tetralogy of fallot. <i>American Journal of Cardiology</i> , 1996, 77, 505-508.	1.6	73
15	Ipsilateral Hemangioma and Aortic Arch Anomalies in Posterior Fossa Malformations, Hemangiomas, Arterial Anomalies, Coarctation of the Aorta, and Cardiac Defects and Eye Abnormalities (PHACE) Anomaly: Report and Review. <i>Pediatrics</i> , 2004, 113, 412-415.	2.1	66
16	Transcatheter patent foramen ovale closure mitigates aura migraine headaches abolishing spontaneous right-to-left shunting. <i>American Heart Journal</i> , 2006, 151, 922.e1-922.e5.	2.7	54
17	Long-term impact of transcatheter atrial septal defect closure in adults on cardiac function and exercise capacity. <i>International Journal of Cardiology</i> , 2008, 124, 179-182.	1.7	52
18	Comparison of results of percutaneous closure of patent foramen ovale for paradoxical embolism in patients with versus without thrombophilia. <i>American Journal of Cardiology</i> , 2004, 94, 1012-1016.	1.6	48

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19	Impact of pulmonary regurgitation and right ventricular dysfunction on oxygen uptake recovery kinetics in repaired tetralogy of Fallot. <i>European Journal of Heart Failure</i> , 2006, 8, 736-743.	7.1	45
20	Partial atrioventricular canal with congestive heart failure in the first year of life: Surgical options. <i>Annals of Thoracic Surgery</i> , 1996, 62, 151-154.	1.3	43
21	Comparison of three different atrial septal defect occlusion devices. <i>American Journal of Cardiology</i> , 1998, 82, 690-692.	1.6	40
22	Balloon-expandable metallic stents in the management of tracheomalacia in neonates. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1995, 110, 1145-1148.	0.8	37
23	Treatment of pulmonary artery stenosis after arterial switch operation: Stent implantation vs. balloon angioplasty. <i>Catheterization and Cardiovascular Interventions</i> , 2000, 50, 207-211.	1.7	37
24	Intravenous flecainide for the treatment of junctional ectopic tachycardia after surgery for congenital heart disease. <i>Annals of Thoracic Surgery</i> , 2003, 76, 148-151.	1.3	34
25	Spontaneous large right-to-left shunt and migraine headache with aura are risk factors for recurrent stroke in patients with a patent foramen ovale. <i>International Journal of Cardiology</i> , 2007, 120, 357-362.	1.7	34
26	Maternal diabetes causing DiGeorge anomaly and renal agenesis. <i>American Journal of Medical Genetics Part A</i> , 1995, 55, 513-514.	2.4	32
27	Recovery kinetics of oxygen uptake is prolonged in adults with an atrial septal defect and improves after transcatheter closure. <i>American Heart Journal</i> , 2004, 147, 910-914.	2.7	32
28	Modulation of neurohormonal activity after treatment of children in heart failure with carvedilol. <i>Cardiology in the Young</i> , 2003, 13, 333-336.	0.8	29
29	Plastic bronchitis as a rare complication of Fontan's operation. <i>Pediatric Cardiology</i> , 1990, 11, 228-228.	1.3	28
30	Long-term efficacy of transcatheter patent foramen ovale closure on migraine headache with aura and recurrent stroke. <i>Catheterization and Cardiovascular Interventions</i> , 2006, 67, 625-629.	1.7	27
31	Prevalence of bilateral patent ductus arteriosus in patients with pulmonic valve atresia and asplenia syndrome. <i>American Journal of Cardiology</i> , 1992, 70, 1219-1220.	1.6	26
32	Left Ventricular Outflow Tract Obstruction in Atrioventricular Septal Defects: A Pathologic and Morphometric Evaluation. <i>Clinical Cardiology</i> , 1991, 14, 513-521.	1.8	25
33	Particle Image Velocimetry Analysis of the Flow Field in the Total Cavopulmonary Connection. <i>Artificial Organs</i> , 2000, 24, 946-952.	1.9	25
34	Efficacy and Safety of Ventricular Rate Responsive Pacing in Children with Complete Atrioventricular Block. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1994, 17, 603-610.	1.2	24
35	Patent ductus arteriosus occlusion using detachable coils. <i>American Journal of Cardiology</i> , 1998, 82, 1547-1549.	1.6	23
36	Conversion of atriopulmonary Fontan to extracardiac total cavopulmonary connection improves cardiopulmonary function. <i>International Journal of Cardiology</i> , 2006, 113, 341-344.	1.7	23

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37	Transcatheter patent foramen ovale closure using the premiere PFO occlusion system. Catheterization and Cardiovascular Interventions, 2006, 68, 736-740.	1.7	23
38	Point of view of the Italians pediatric scientific societies about the pediatric care during the COVID-19 lockdown: what has changed and future prospects for restarting. Italian Journal of Pediatrics, 2020, 46, 142.	2.6	23
39	Echocardiographically guided repair of tetralogy of Fallot. American Journal of Cardiology, 1994, 73, 808-811.	1.6	22
40	Pulmonary arterial hypertension in the pediatric age. Journal of Cardiovascular Medicine, 2007, 8, 72-77.	1.5	22
41	Origin of both coronary arteries from the pulmonary artery and aortic coarctation. Annals of Thoracic Surgery, 1995, 60, 706-708.	1.3	21
42	Effects of isoflurane versus halothane on myocardial contractility in rabbits: assessment with transthoracic two-dimensional echocardiography. Laboratory Animals, 1997, 31, 144-150.	1.0	19
43	ZFPM2/FOG2 and HEY2 genes analysis in nonsyndromic tricuspid atresia. American Journal of Medical Genetics, Part A, 2005, 133A, 68-70.	1.2	19
44	Right Superior Vena Cava Draining in the Left Atrium: Anatomical, Embryological, and Surgical Considerations. Annals of Thoracic Surgery, 2006, 81, 2313-2315.	1.3	19
45	Are nasal decongestants safer than rhinitis? A case of oxymetazoline-induced syncope. Cardiology in the Young, 2009, 19, 633-634.	0.8	18
46	Atypical cardiac defects in patients with RASopathies: Updated data on CARNET study. Birth Defects Research, 2020, 112, 725-731.	1.5	17
47	Midterm outcome after pulmonary balloon valvuloplasty in patients younger than one year of age. American Journal of Cardiology, 1995, 75, 637-639.	1.6	16
48	Natural and modified history of single-ventricle physiology in adult patients. European Journal of Cardio-thoracic Surgery, 2012, 42, 996-1002.	1.4	16
49	Risk of Congenital Heart Defects in Relatives of Patients With Atrioventricular Canal. JAMA Pediatrics, 1993, 147, 1295.	3.0	15
50	Takotsubo cardiomyopathy in a young adult with transplanted heart: what happened to denervation?. ESC Heart Failure, 2018, 5, 197-200.	3.1	15
51	receptor antagonist Bosentan inhibits neointimal development in collared carotid arteries of rabbits. Life Sciences, 1998, 63, PL259-PL266.	4.3	14
52	Modulation of neurohormonal activity after treatment of children in heart failure with carvedilol. Cardiology in the Young, 2003, 13, 333-6.	0.8	14
53	Left Common Carotid Artery Isolation in a Newborn With Tetralogy of Fallot and DiGeorge Syndrome. Circulation, 2005, 111, e4-5.	1.6	11
54	Surgical management of double outlet right ventricle with intact ventricular septum. Annals of Thoracic Surgery, 2003, 75, 586-587.	1.3	10

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55	Late follow-up of occlusion of the patent ductus arteriosus with the Rashkind device with emphasis on long-term efficacy and risk for infections. <i>American Journal of Cardiology</i> , 2001, 88, 586-588.	1.6	9
56	Better surgical prognosis for patients with Down syndrome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 135, 230.	0.8	9
57	Fontan's operation complications. <i>Pediatric Cardiology</i> , 1993, 14, 62-63.	1.3	9
58	Late onset pulmonary valvar stenosis after arterial switch operation for transposition of the great arteries. <i>Heart</i> , 1998, 79, 311-312.	2.9	8
59	Recurrent Stroke after Transcatheter PFO Closure in Cryptogenic Stroke or Tia: Long-Term Follow-Up. <i>Cardiology Research and Practice</i> , 2017, 2017, 1-10.	1.1	8
60	Repair of a complex aortic arch anomaly associated with cutaneous hemangioma. <i>Annals of Thoracic Surgery</i> , 2002, 74, 245-246.	1.3	7
61	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
62	Data on cardiac defects, morbidity and mortality in patients affected by RASopathies. CARNET study results. <i>Data in Brief</i> , 2018, 16, 649-654.	1.0	6
63	Effects of angiotensin II on myocardial contractility during short-term pressor responses to angiotensin II. <i>Journal of Hypertension</i> , 1997, 15, 1019-1025.	0.5	5
64	Treatment of recurrent stroke and pulmonary thromboembolism with percutaneous closure of a patent foramen ovale and placement of inferior vena cava filter. <i>Catheterization and Cardiovascular Interventions</i> , 2003, 58, 413-415.	1.7	5
65	Dilated cardiomyopathy presenting in childhood: aetiology, diagnostic approach, and clinical course. <i>Cardiology in the Young</i> , 2010, 20, 680-685.	0.8	5
66	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
67	Covid-19 and Kawasaki Disease: A Glimpse at the Past for a Predictable Future. <i>Pediatric Cardiology</i> , 2020, 41, 1075-1075.	1.3	5
68	Echocardiographic diagnosis of totally anomalous pulmonary venous connection to the azygos vein. <i>Cardiology in the Young</i> , 1999, 9, 305-309.	0.8	4
69	Transcatheter coil occlusion of residual shunt in a patient with recurrent cryptogenic stroke after PFO percutaneous closure. <i>Catheterization and Cardiovascular Interventions</i> , 2004, 61, 415-417.	1.7	3
70	Reliability of Fetal Echocardiography in Predicting Postnatal Critical Hypoxia in Patients with Transposition of Great Arteries and Intact Ventricular Septum. <i>Pediatric Cardiology</i> , 2021, 42, 1575-1584.	1.3	3
71	Transcatheter Closure of PFO and ASD: Multimodality Imaging for Patient Selection and Perioperative Guidance. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 78.	1.6	3
72	Use of Transcarotid IMPELLA 2.5 Axial-Flow Pump Device for Left Ventricle Unloading During VA-ECMO Support in Pediatric Acute Heart Failure. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2021, 12, 542-546.	0.8	3

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73	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
74	Alagille syndrome (arteriohepatic dysplasia). <i>American Heart Journal</i> , 1995, 130, 1317.	2.7	2
75	Transcatheter residual ventricular septal defect closure after Rastelli operation. <i>Catheterization and Cardiovascular Interventions</i> , 2005, 64, 209-212.	1.7	2
76	Acquired intracranial arterial aneurysm and stroke after vessel dissection in a child with coarctation of the aorta. <i>Interventional Neuroradiology</i> , 2017, 23, 382-385.	1.1	2
77	Transcatheter closure of the patent ductus arteriosus with new-generation devices: comparative data and follow-up results. <i>Italian Heart Journal: Official Journal of the Italian Federation of Cardiology</i> , 2002, 3, 122-7.	0.1	2
78	Treatment of Peripheral Pulmonary Stenoses. <i>Journal of Interventional Cardiology</i> , 1998, 11, 331-336.	1.2	1
79	About Congenital Polyvalvular Disease. <i>Pediatric Cardiology</i> , 2002, 23, 110-110.	1.3	1
80	In vitro quantitative study of the total cavopulmonary connection. , 0, , .		0
81	Application of Doppler ultrasound to the study of intimal hyperplasia development. , 0, , .		0
82	Midterm follow-up of the Amplatz device in left ventricle-to-aorta conduits. <i>Annals of Thoracic Surgery</i> , 2001, 72, 1746-1748.	1.3	0
83	Multimodality imaging, single center, cross-sectional study in adolescents or young adults with repaired tetralogy of Fallot. <i>Journal of Cardiovascular Medicine</i> , 2018, 19, 643-649.	1.5	0
84	Percutaneous treatment of aneurysmatic right coronary fistula in an infant, pediatric cardiology. <i>Journal of Cardiovascular Medicine</i> , 2018, 19, 505-508.	1.5	0
85	Predicting the pressure of the total cavopulmonary connection: clinical testing of a mathematical equation. <i>Cardiology in the Young</i> , 2019, 29, 1066-1071.	0.8	0
86	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