

Davide Marini

List of Publications by Year in descending order

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67
papers

1,026
citations

471509

17
h-index

501196

28
g-index

76
all docs

76
docs citations

76
times ranked

1036
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety and Accuracy of 64-Slice Computed Tomography Coronary Angiography in Children After the Arterial Switch Operation for Transposition of the Great Arteries. <i>JACC: Cardiovascular Imaging</i> , 2008, 1, 331-339.	5.3	83
2	Associations Between Age at Arterial Switch Operation, Brain Growth, and Development in Infants With Transposition of the Great Arteries. <i>Circulation</i> , 2019, 139, 2728-2738.	1.6	65
3	Acute angulation of the aortic arch predisposes a patient to ascending aortic dilatation and aortic regurgitation late after the arterial switch operation for transposition of the great arteries. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 135, 568-572.	0.8	62
4	Fontan circulation causes early, severe liver damage. Should we offer patients a tailored strategy?. <i>International Journal of Cardiology</i> , 2016, 209, 60-65.	1.7	56
5	From Bare to Covered. <i>Catheterization and Cardiovascular Interventions</i> , 2014, 83, 953-963.	1.7	46
6	Fetal Cardiac MRI. <i>Topics in Magnetic Resonance Imaging</i> , 2019, 28, 235-244.	1.2	45
7	Non-invasive assessment of congenital pulmonary vein stenosis in children using cardiac-non-gated CT with 64-slice technology. <i>European Journal of Radiology</i> , 2009, 70, 595-599.	2.6	36
8	Brain Injury in Infants with Critical Congenital Heart Disease: Insights from Two Clinical Cohorts with Different Practice Approaches. <i>Journal of Pediatrics</i> , 2019, 215, 75-82.e2.	1.8	36
9	Common arterial trunk repair: with conduit or without?†. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 36, 675-682.	1.4	35
10	Treatment of fetal circular shunt with non-steroidal anti-inflammatory drugs. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 53, 841-846.	1.7	34
11	Percutaneous treatment of neonatal aortic coarctation presenting with severe left ventricular dysfunction as a bridge to surgery. <i>Cardiology in the Young</i> , 2009, 19, 244.	0.8	32
12	Closure of extracardiac Fontan fenestration by using the covered Cheatham Platinum stent. <i>Catheterization and Cardiovascular Interventions</i> , 2007, 69, 1002-1006.	1.7	31
13	Multidimensional fetal flow imaging with cardiovascular magnetic resonance: a feasibility study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 77.	3.3	27
14	Understanding Fetal Hemodynamics Using Cardiovascular Magnetic Resonance Imaging. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 354-362.	1.4	26
15	Fetal brain growth and risk of postnatal white matter injury in critical congenital heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 1007-1014.e1.	0.8	24
16	The association between parent stress, coping and mental health, and neurodevelopmental outcomes of infants with congenital heart disease. <i>Clinical Neuropsychologist</i> , 2021, 35, 948-972.	2.3	23
17	<sc>MRI</sc> characterization of hemodynamic patterns of human fetuses with cyanotic congenital heart disease. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 824-836.	1.7	21
18	Endomyocardial biopsy safety and clinical yield in pediatric myocarditis: An Italian perspective. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 87, 762-767.	1.7	20

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19	Preliminary Experience Using Motion Compensated CINE Magnetic Resonance Imaging to Visualise Fetal Congenital Heart Disease. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007745.	2.6	19
20	The utility of MRI for measuring hematocrit in fetal anemia. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 222, 81.e1-81.e13.	1.3	19
21	Maternal hyperoxygenation in congenital heart disease. <i>Translational Pediatrics</i> , 2021, 10, 2197-2209.	1.2	19
22	Closure of the patent ductus arteriosus with the new duct occluder II additional sizes device. <i>Catheterization and Cardiovascular Interventions</i> , 2012, 79, 1169-1174.	1.7	17
23	MR imaging of the fetal heart. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1030-1044.	3.4	16
24	An MRI approach to assess placental function in healthy humans and sheep. <i>Journal of Physiology</i> , 2021, 599, 2573-2602.	2.9	16
25	Current and future role of fetal cardiovascular MRI in the setting of fetal cardiac interventions. <i>Prenatal Diagnosis</i> , 2020, 40, 71-83.	2.3	14
26	Midterm results of percutaneous closure of very large atrial septal defects in children: role of multislice computed tomography. <i>EuroIntervention</i> , 2012, 7, 1428-1434.	3.2	12
27	Anaemia is a predictor of early death or cardiac transplantation in children with idiopathic dilated cardiomyopathy. <i>Cardiology in the Young</i> , 2012, 22, 293-300.	0.8	11
28	Motion robust respiratory-resolved 3D radial flow MRI and its application in neonatal congenital heart disease. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 535-548.	3.0	11
29	Fetal brain issues in congenital heart disease. <i>Translational Pediatrics</i> , 2021, 10, 2182-2196.	1.2	10
30	Cheatham Platinum (CP) and Palmaz stents for cardiac and vascular lesions treatment in patients with congenital heart disease. <i>EuroIntervention</i> , 2009, 4, 620-625.	3.2	10
31	Unusual systemic venous return with absence of superior caval veins. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 133, 1368-1369.	0.8	9
32	Fetal Flow Quantification in Great Vessels Using Motion-Corrected Radial Phase Contrast MRI : Comparison With Cartesian. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 540-551.	3.4	9
33	Pediatric Coronary Artery Bypass After Arterial Switch Operation: Noninvasive Evaluation With ECG-Gated 64-Slice CT in Routine Practice. <i>Annals of Thoracic Surgery</i> , 2007, 84, 1398-1399.	1.3	8
34	Left coronary to right ventricle fistula in a child: management strategy based on cardiac-gated 64-slice CT. <i>Pediatric Radiology</i> , 2008, 38, 325-327.	2.0	8
35	Cardiac CT angiography after coronary artery surgery in children using 64-slice CT scan. <i>European Journal of Radiology</i> , 2009, 71, 492-497.	2.6	8
36	Fetal XCMR: a numerical phantom for fetal cardiovascular magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 29.	3.3	8

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37	Complicated ventricular arrhythmia and hematologic myeloproliferative disorder in <i>RIT1</i> associated Noonan syndrome: Expanding the phenotype and review of the literature. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1253.	1.2	8
38	Preoperative evaluation of candidates for total cavopulmonary connection: The role of echocardiography and cardiac catheterization. <i>Archives of Cardiovascular Diseases</i> , 2009, 102, 303-309.	1.6	7
39	Interventional catheterisation of stenotic or occluded systemic veins in children with or without congenital heart diseases: early results and intermediate follow-up. <i>EuroIntervention</i> , 2012, 7, 1317-1325.	3.2	7
40	Protein-losing enteropathy resolved by percutaneous intervention. <i>Catheterization and Cardiovascular Interventions</i> , 2011, 78, 584-588.	1.7	6
41	Left coronary artery stenosis with post-stenotic aneurysm after arterial switch operation before and after coronary revascularisation surgery. <i>Cardiology in the Young</i> , 2011, 21, 456-457.	0.8	6
42	Fetal cardiovascular magnetic resonance imaging. <i>Pediatric Radiology</i> , 2020, 50, 1881-1894.	2.0	6
43	Percutaneous treatment of aorto-pulmonary window in a one year old child. <i>International Journal of Cardiology</i> , 2008, 129, e91-e93.	1.7	5
44	Interventional Catheterization after Total Cavopulmonary Connection: Experience in 68 Patients. <i>Journal of Interventional Cardiology</i> , 2012, 25, 622-627.	1.2	5
45	Maternal and Fetal Hemodynamic Adaptations to Pregnancy and Clinical Outcomes in Maternal Cardiac Disease. <i>Canadian Journal of Cardiology</i> , 2021, 37, 1942-1950.	1.7	5
46	Iatrogenic aortopulmonary window: percutaneous rescue closure as a bridge to surgical repair. <i>Cardiology in the Young</i> , 2016, 26, 609-611.	0.8	4
47	Long-term outcome after percutaneous closure of persistent left superior caval vein draining into the left atrium: a contrast-enhanced CT study. <i>Cardiology in the Young</i> , 2017, 27, 1550-1556.	0.8	4
48	Decreased Brain Volumes and Infants With Congenital Heart Disease Undergoing Venoarterial Extracorporeal Membrane Oxygenation. <i>Pediatric Critical Care Medicine</i> , 2020, 21, 738-745.	0.5	4
49	Utility of a bespoke 3-dimensional printed model in complex transposition. <i>JTCVS Techniques</i> , 2021, 7, 199-202.	0.4	4
50	Impact of fetal haemodynamics on surgical and neurodevelopmental outcomes in patients with Ebstein anomaly and tricuspid valve dysplasia. <i>Cardiology in the Young</i> , 2022, 32, 1768-1779.	0.8	4
51	Interventional treatment of congenital heart disease patients. <i>Minerva Cardioangiologica</i> , 2010, 58, 79-96.	1.2	3
52	Cor triatriatum in a newborn. <i>Pediatric Radiology</i> , 2009, 39, 879-879.	2.0	2
53	Off-label use of the amplatzer ductal occluder: additional size for percutaneous closure of congenital and acquired coronary fistulae. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 87, E261-E267.	1.7	2
54	Levoatriocardinal vein and partial anomalous pulmonary vein drainage in left-sided obstructive CHDs: diagnostic and surgical implications. <i>Cardiology in the Young</i> , 2016, 26, 811-814.	0.8	2

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55	Minimally Invasive Approach to Correct Anomalous Inferior Vena Cava Connection to the Left Atrium. World Journal for Pediatric & Congenital Heart Surgery, 2020, 11, NP50-NP52.	0.8	2
56	Human Fetal Blood Flow Quantification with Magnetic Resonance Imaging and Motion Compensation. Journal of Visualized Experiments, 2021, , .	0.3	2
57	Prevalence, Risk Factors, and Impact of Preoperative Seizures in Neonates With Congenital Heart Disease. Journal of Clinical Neurophysiology, 2021, Publish Ahead of Print, .	1.7	2
58	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.	0.4	2
59	Atresia of the coronary sinus ostium: Surgical implications. International Journal of Cardiology, 2007, 116, e92-e94.	1.7	1
60	Left ventricular dilatation late after arterial switch operation: usefulness of cardiac computed tomography to detect aorto-pulmonary collaterals. Cardiology in the Young, 2011, 21, 343-344.	0.8	1
61	Non invasive diagnosis of coronary obstruction in an infant with elastine-gene mutation by high resolution multislice computed tomography. International Journal of Cardiology, 2012, 157, e14-e15.	1.7	1
62	Off-label use of the amplatzer ductal occluder II additional size for percutaneous treatment of acute aortic occlusion in a baby. Catheterization and Cardiovascular Interventions, 2017, 89, E26-E29.	1.7	1
63	Protein-losing enteropathy in biventricular circulation precipitated by mild stenosis of the inferior caval vein in conjunction with total occlusion of the superior caval vein: a word of caution. Cardiology in the Young, 2017, 27, 1430-1433.	0.8	1
64	Retrograde catheterization of the right heart in patients with occluded femoral veins. Archives of Cardiovascular Diseases, 2008, 101, 413-418.	1.6	0
65	Pop off pulmonary vein to systemic vein fistula in severely obstructed total anomalous pulmonary venous connection detected by contrast-enhanced CT. International Journal of Cardiology, 2013, 168, e9-e10.	1.7	0
66	Endomyocardial Biopsies. , 2021, , 899-910.		0
67	Abstract 17303: Longitudinal Cerebral Oxygen Metabolism in Congenital Heart Disease. Circulation, 2020, 142, .	1.6	0