Martin Koestenberger

List of Publications by Year
in descending order

225 papers	3,548 citations	218381 26 h-index	174990 52 g-index
230 all docs	230 docs citations	230 times ranked	3510 citing authors

#	Article	IF	Citations
1	Right Ventricular Function in Infants, Children and Adolescents: Reference Values of the Tricuspid Annular Plane Systolic Excursion (TAPSE) in 640 Healthy Patients and Calculation of z Score Values. Journal of the American Society of Echocardiography, 2009, 22, 715-719.	1.2	330
2	2019 updated consensus statement on the diagnosis and treatment of pediatric pulmonary hypertension: The European Pediatric Pulmonary Vascular Disease Network (EPPVDN), endorsed by AEPC, ESPR and ISHLT. Journal of Heart and Lung Transplantation, 2019, 38, 879-901.	0.3	266
3	Acute Cardiovascular Manifestations in 286 Children With Multisystem Inflammatory Syndrome Associated With COVID-19 Infection in Europe. Circulation, 2021, 143, 21-32.	1.6	253
4	Systolic Right Ventricular Function in Preterm and Term Neonates: Reference Values of the Tricuspid Annular Plane Systolic Excursion (TAPSE) in 258 Patients and Calculation of Z-Score Values. Neonatology, 2011, 100, 85-92.	0.9	129
5	Pulmonary hypertension in bronchopulmonary dysplasia. Pediatric Research, 2021, 89, 446-455.	1.1	103
6	Anticoagulant action of low, physiologic, and high albumin levels in whole blood. PLoS ONE, 2017, 12, e0182997.	1.1	100
7	Executive summary. Expert consensus statement on the diagnosis and treatment of paediatric pulmonary hypertension. The European Paediatric Pulmonary Vascular Disease Network, endorsed by ISHLT and DGPK. Heart, 2016, 102, ii86-ii100.	1.2	89
8	Reference Values of Tricuspid Annular Peak Systolic Velocity in Healthy Pediatric Patients, Calculation of Z Score, and Comparison to Tricuspid Annular Plane Systolic Excursion. American Journal of Cardiology, 2012, 109, 116-121.	0.7	81
9	Systolic Right Ventricular Function in Children and Young Adults with Pulmonary Artery Hypertension Secondary to Congenital Heart Disease and Tetralogy of Fallot: Tricuspid Annular Plane Systolic Excursion (TAPSE) and Magnetic Resonance Imaging Data. Congenital Heart Disease, 2012, 7, 250-258.	0.0	66
10	Transthoracic Echocardiography in the Evaluation of Pediatric Pulmonary Hypertension and Ventricular Dysfunction. Pulmonary Circulation, 2016, 6, 15-29.	0.8	66
11	Transthoracic echocardiography for the evaluation of children and adolescents with suspected or confirmed pulmonary hypertension. Expert consensus statement on the diagnosis and treatment of paediatric pulmonary hypertension. The European Paediatric Pulmonary Vascular Disease Network, endorsed by ISHLT and DGPK. Heart, 2016, 102, ii14-ii22.	1.2	65
12	A Retrospective Analysis of the Clinical Effectiveness of Supraclavicular, Ultrasound-guided Brachiocephalic Vein Cannulations in Preterm Infants. Anesthesiology, 2018, 128, 38-43.	1.3	64
13	Normal Reference Values and z Scores of the Pulmonary Artery Acceleration Time in Children and Its Importance for the Assessment of Pulmonary Hypertension. Circulation: Cardiovascular Imaging, 2017, 10, .	1.3	63
14	Systolic Right Ventricular Function in Pediatric and Adolescent Patients with Tetralogy of Fallot: Echocardiography versus Magnetic Resonance Imaging. Journal of the American Society of Echocardiography, 2011, 24, 45-52.	1.2	58
15	Tricuspid annular plane systolic excursion and right ventricular ejection fraction in pediatric and adolescent patients with tetralogy of Fallot, patients with atrial septal defect, and age-matched normal subjects. Clinical Research in Cardiology, 2011, 100, 67-75.	1.5	56
16	Tricuspid Annular Peak Systolic Velocity (Sâ€²) in Children and Young Adults with Pulmonary Artery Hypertension Secondary to Congenital Heart Diseases, and in Those with Repaired Tetralogy of Fallot: Echocardiography and MRI Data. Journal of the American Society of Echocardiography, 2012, 25, 1041-1049.	1.2	54
17	Left ventricular long-axis function: Reference values of the mitral annular plane systolic excursion in 558 healthy children and calculation of z-score values. American Heart Journal, 2012, 164, 125-131.	1.2	53
18	Alpha 2-macroglobulin enhances prothrombin activation and thrombin potential by inhibiting the anticoagulant protein C/protein S system in cord and adult plasma. Thrombosis Research, 2002, 105, 433-439.	0.8	52

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19	Laser Acupuncture for Neonatal Abstinence Syndrome: A Randomized Controlled Trial. Pediatrics, 2015, 136, 876-884.	1.0	49
20	Thrombin generation determined by calibrated automated thrombography (CAT) in pediatric patients with congenital heart disease. Thrombosis Research, 2008, 122, 13-19.	0.8	46
21	Pediatric echocardiographic nomograms: What has been done and what still needs to be done. Trends in Cardiovascular Medicine, 2017, 27, 336-349.	2.3	42
22	Thrombin generation in factor VIII-depleted neonatal plasma: nearly normal because of physiologically low antithrombin and tissue factor pathway inhibitor. Journal of Thrombosis and Haemostasis, 2006, 4, 1071-1077.	1.9	39
23	Normative Data for Left and Right Ventricular Systolic Strain in Healthy Caucasian ItalianÂChildren by Two-Dimensional Speckle-Tracking Echocardiography. Journal of the American Society of Echocardiography, 2018, 31, 712-720.e6.	1.2	39
24	Reference Values and Calculation of z-Scores of Echocardiographic Measurements of the Normal Pediatric Right Ventricle. American Journal of Cardiology, 2014, 114, 1590-1598.	0.7	38
25	Bed rest does not induce hypercoagulability. European Journal of Clinical Investigation, 2015, 45, 63-69.	1.7	36
26	Selexipag for the treatment of children with pulmonary arterial hypertension: First multicenter experience in drug safety and efficacy. Journal of Heart and Lung Transplantation, 2020, 39, 695-706.	0.3	34
27	A Left-to-Right Shunt via the Ductus Arteriosus Is Associated with Increased Regional Cerebral Oxygen Saturation during Neonatal Transition. Neonatology, 2013, 103, 259-263.	0.9	30
28	Coagulation Changes during Presyncope and Recovery. PLoS ONE, 2012, 7, e42221.	1.1	30
29	Challenges and Special Aspects of Pulmonary Hypertension in Middle- to Low-Income Regions. Journal of the American College of Cardiology, 2020, 75, 2463-2477.	1.2	29
30	Transthoracic Echocardiography in Children and Young Adults with Congenital Heart Disease. ISRN Pediatrics, 2012, 2012, 1-15.	1.2	27
31	Effects of Exercise and Nutrition on the Coagulation System During Bedrest Immobilization. Medicine (United States), 2015, 94, e1555.	0.4	26
32	Prognostic Value of a New Lung Ultrasound Score to Predict Intensive Care Unit Stay in Pediatric Cardiac Surgery. Annals of Thoracic Surgery, 2020, 109, 178-184.	0.7	26
33	Right Ventricular Performance in Preterm and Term Neonates: Reference Values of the Tricuspid Annular Peak Systolic Velocity Measured by Tissue Doppler Imaging. Neonatology, 2013, 103, 281-286.	0.9	25
34	Incidence and natural history of neonatal isolated ventricular septal defects: Do we know everything? A 6-year single-center Italian experience follow-up. Congenital Heart Disease, 2018, 13, 105-112.	0.0	25
35	Normal Pediatric Values of the Subcostal Tricuspid Annular Plane Systolic Excursion (S-TAPSE) and Its Value in Pediatric Pulmonary Hypertension. Canadian Journal of Cardiology, 2019, 35, 899-906.	0.8	23
36	Reference values of the right ventricular outflow tract systolic excursion in 711 healthy children and calculation of z-score values. European Heart Journal Cardiovascular Imaging, 2014, 15, 980-986.	0.5	22

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37	Pulmonary Hypertension in Adults with Congenital Heart Disease: Real-World Data from the International COMPERA-CHD Registry. Journal of Clinical Medicine, 2020, 9, 1456.	1.0	21
38	PFA-100 closure times in preoperative screening in 500 pediatric patients. Thrombosis and Haemostasis, 2007, 98, 243-247.	1.8	21
39	Continuous Renal Replacement Therapy With Prismaflex HF20 Disposable Set in Children From 4 to 15 kg. ASAIO Journal, 2011, 57, 451-455.	0.9	20
40	Effects of a single bout of walking exercise on blood coagulation parameters in obese women. Journal of Applied Physiology, 2013, 115, 57-63.	1.2	20
41	Non-Invasive Imaging for Congenital Heart Disease: Recent Innovations in Transthoracic Echocardiography. Journal of Clinical & Experimental Cardiology, 2012, 01, 2.	0.0	19
42	Reference Values of the Mitral Annular Peak Systolic Velocity (Sm) in 690 Healthy Pediatric Patients, Calculation of Zâ€Score Values, and Comparison to the Mitral Annular Plane Systolic Excursion (<scp>MAPSE</scp>). Echocardiography, 2014, 31, 1122-1130.	0.3	19
43	Echocardiographic Reference Values for Right Atrial Size in Children with and without Atrial Septal Defects or Pulmonary Hypertension. Pediatric Cardiology, 2016, 37, 686-695.	0.6	19
44	Treatment of right ventricular dysfunction and heart failure in pulmonary arterial hypertension. Cardiovascular Diagnosis and Therapy, 2020, 10, 1659-1674.	0.7	19
45	Collagen/Endogenous Thrombin-Induced Platelet Aggregation in Cord versus Adult Whole Blood. Neonatology, 2009, 95, 187-192.	0.9	18
46	Longitudinal Systolic Left Ventricular Function in Preterm and Term Neonates: Reference Values of the Mitral Annular Plane Systolic Excursion (MAPSE) and Calculation of z-Scores. Pediatric Cardiology, 2015, 36, 20-26.	0.6	18
47	Tricuspid annular plane systolic excursion (TAPSE) in pediatric pulmonary hypertension: Integrating right ventricular ejection efficiency (RVEe) into advanced multi-parametric imaging. International Journal of Cardiology, 2019, 274, 296-298.	0.8	18
48	Left and Right Atrial Strain in Healthy Caucasian Children by Two-Dimensional Speckle-Tracking Echocardiography. Journal of the American Society of Echocardiography, 2019, 32, 165-168.e3.	1.2	18
49	Clot Strength: A Comparison Between Cord and Adult Blood by Means of Thrombelastometry. Journal of Pediatric Hematology/Oncology, 2008, 30, 210-213.	0.3	17
50	High titre inhibitor after continuous factor VIII administration for surgery in a young infant. Haemophilia, 2000, 6, 120-120.	1.0	16
51	Anomalous connection of the inferior vena cava to the left atrium: a surgical error in closing an atrial septal defect. Clinical Research in Cardiology, 2008, 97, 191-193.	1.5	16
52	Changes of Locoregional Skin Temperature in Neonates Undergoing Laser Needle Acupuncture at the Acupuncture Point Large Intestine 4. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-6.	0.5	16
53	Right Ventricular Outflow Tract Velocity Time Integral Determination in 570 Healthy Children and in 52 Pediatric Atrial Septal Defect Patients. Pediatric Cardiology, 2015, 36, 1129-1134.	0.6	16
54	Update on noninvasive imaging of right ventricle dysfunction in pulmonary hypertension. Cardiovascular Diagnosis and Therapy, 2020, 10, 1604-1624.	0.7	16

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55	The anticoagulant action of recombinant human activated protein C (rhAPC, Drotrecogin Î± activated): comparison between cord and adult plasma. Thrombosis and Haemostasis, 2004, 91, 912-918.	1.8	14
56	Protein S modulates the anticoagulant action of recombinant human activated protein C: a comparison between neonates and adults. British Journal of Pharmacology, 2005, 146, 1082-1086.	2.7	14
57	Near-Infrared Spectroscopy for Objectifying Cerebral Effects of Laser Acupuncture in Term and Preterm Neonates. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-6.	0.5	14
58	Borderline hypotension: how does it influence cerebral regional tissue oxygenation in preterm infants?. Journal of Maternal-Fetal and Neonatal Medicine, 2016, 29, 2341-2346.	0.7	14
59	Right ventricular outflow tract velocity time integral (RVOT VTI) and tricuspid regurgitation velocity/RVOT VTI ratio in pediatric pulmonary hypertension. International Journal of Cardiology, 2016, 212, 274-276.	0.8	14
60	Ventricularâ€“ventricular interaction variables correlate with surrogate variables of clinical outcome in children with pulmonary hypertension. Pulmonary Circulation, 2019, 9, 1-9.	0.8	14
61	Echocardiographic examination of mitral valve abnormalities in the paediatric population: current practices. Cardiology in the Young, 2020, 30, 1-11.	0.4	14
62	Safety and efficacy of the endothelin receptor antagonist macitentan in pediatric pulmonary hypertension. Cardiovascular Diagnosis and Therapy, 2020, 10, 1675-1685.	0.7	14
63	One-year safe use of the Prismaflex HF20Â® disposable set in infants in 220 renal replacement treatment sessions. Intensive Care Medicine, 2011, 37, 884-885.	3.9	13
64	Stent implantation in the superficial femoral artery: Short thrombelastometry-derived coagulation times identify patients with late in-stent restenosis. Thrombosis Research, 2012, 130, 485-490.	0.8	13
65	The respective and combined anticoagulant effects of recombinant human activated protein C, melagatran and heparins using CAT. Thrombosis Research, 2007, 119, 361-367.	0.8	12
66	Coagulation changes induced by lower-body negative pressure in men and women. Journal of Applied Physiology, 2019, 126, 1214-1222.	1.2	12
67	Right ventricular dysfunction and long-term risk of death. Cardiovascular Diagnosis and Therapy, 2020, 10, 1646-1658.	0.7	12
68	More on: mild hemophilia A and inhibitor development. Journal of Thrombosis and Haemostasis, 2004, 2, 676-676.	1.9	11
69	Cardiac MRI assessment of right ventricular function: impact of right bundle branch block on the evaluation of cardiac performance parameters. European Radiology, 2015, 25, 3528-3535.	2.3	11
70	Orthostatic Challenge Shifts the Hemostatic System of Patients Recovered from Stroke toward Hypercoagulability. Frontiers in Physiology, 2017, 8, 12.	1.3	11
71	Diagnosis and treatment of right ventricular dysfunction in congenital heart disease. Cardiovascular Diagnosis and Therapy, 2020, 10, 1625-1645.	0.7	11
72	Right ventricular end-systolic remodeling index in the assessment of pediatric pulmonary arterial hypertension. The European Pediatric Pulmonary Vascular Disease Network (EPPVDN). Pediatric Research, 2020, 88, 285-292.	1.1	11

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73	Signs of thrombin generation in pediatric cardiac catheterization with unfractionated heparin bolus or subcutaneous low molecular weight heparin for antithrombotic cover. Thrombosis Research, 2003, 111, 335-341.	0.8	10
74	Anticoagulant action of melagatran, the active form of the oral direct thrombin inhibitor ximelagatran, in umbilical cord and adult plasma: an in vitro examination. Thrombosis Research, 2005, 115, 135-142.	0.8	10
75	Collagen/endogenous thrombin-induced platelet aggregation in whole blood samples. Blood Coagulation and Fibrinolysis, 2007, 18, 585-588.	0.5	10
76	Longitudinal systolic ventricular interaction in pediatric and young adult patients with TOF: a cardiac magnetic resonance and M-mode echocardiographic study. International Journal of Cardiovascular Imaging, 2013, 29, 1707-1715.	0.7	10
77	Extremely premature infants born at 23â€“25 weeks gestation are at substantial risk for pulmonary hypertension. Journal of Perinatology, 2022, 42, 781-787.	0.9	10
78	Reference values of the right ventricular outflow tract (RVOT) proximal diameter in 665 healthy children and calculation of z-score values. International Journal of Cardiology, 2013, 169, e99-e101.	0.8	9
79	Should we use the oral selective IP receptor agonist selexipag offâ€label in children with pulmonary arterial hypertension?. Pulmonary Circulation, 2018, 8, 1-4.	0.8	9
80	Normal basic 2D echocardiographic values to screen and follow up the athlete's heart from juniors to adults: What is known and what is missing. A critical review. European Journal of Preventive Cardiology, 2020, 27, 1294-1306.	0.8	9
81	Intracardiac flow visualization using highâ€frame rate blood speckle tracking echocardiography: Illustrations from infants with congenital heart disease. Echocardiography, 2021, 38, 707-715.	0.3	9
82	Drotrecogin alfa activated (recombinant human activated protein C) in combination with heparin or melagatran. Blood Coagulation and Fibrinolysis, 2004, 15, 693-697.	0.5	8
83	Myocardial Infarction in an Adolescent: Anomalous Origin of the Left Main Coronary Artery From the Right Coronary Sinus in Association With Combined Prothrombotic Defects. Pediatrics, 2007, 120, e424-e427.	1.0	8
84	Remote Monitoring Leads to Early Recognition and Treatment of Critical Arrhythmias in Adults After Atrial Switch Operation for Transposition of the Great Arteries. Circulation Journal, 2014, 78, 450-456.	0.7	8
85	Diagnostics in Children and Adolescents with Suspected or Confirmed Pulmonary Hypertension. Paediatric Respiratory Reviews, 2017, 23, 3-15.	1.2	8
86	Ethyl pyruvate inhibits oxidation of LDL in vitro and attenuates oxLDL toxicity in EA.hy926 cells. PLoS ONE, 2018, 13, e0191477.	1.1	8
87	Three-Dimensional Echocardiography Derived Nomograms for Left Ventricular Volumes in Healthy Caucasian Italian Children. Journal of the American Society of Echocardiography, 2019, 32, 794-797.e1.	1.2	8
88	Coagulation Changes during Central Hypovolemia across Seasons. Journal of Clinical Medicine, 2020, 9, 3461.	1.0	8
89	Mature and immature platelets during the first week after birth and incidence of patent ductus arteriosus. Cardiology in the Young, 2020, 30, 769-773.	0.4	8
90	Echocardiographic Screening of Anomalous Origin of Coronary Arteries in Athletes with a Focus on High Take-Off. Healthcare (Switzerland), 2021, 9, 231.	1.0	8

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91	A guide to echocardiographic assessment in children and adolescents with pulmonary hypertension. Cardiovascular Diagnosis and Therapy, 2021, 11, 1160-1177.	0.7	8
92	Medical treatment of pulmonary hypertension in adults with congenital heart disease: updated and extended results from the International COMPERA-CHD Registry. Cardiovascular Diagnosis and Therapy, 2021, 11, 1255-1268.	0.7	8
93	Left ventricular vortex analysis by high-frame rate blood speckle tracking echocardiography in healthy children and in congenital heart disease. IJC Heart and Vasculature, 2021, 37, 100897.	0.6	8
94	High Availability of Intravascular Tissue Factor in Neonates. Journal of Pediatric Hematology/Oncology, 2007, 29, 279-283.	0.3	7
95	Effects of nadroparin, enoxaparin, and unfractionated heparin on endogenous factor Xa and IIa formation and on thrombelastometry profiles. Blood Coagulation and Fibrinolysis, 2009, 20, 71-77.	0.5	7
96	Right Ventricular Outflow Tract (<scp>RVOT</scp>) Changes in Children with an Atrial Septal Defect: Focus on <scp>RVOT</scp> Velocity Time Integral, <scp>RVOT</scp> Diameter, and <scp>RVOT</scp> Systolic Excursion. Echocardiography, 2016, 33, 1389-1396.	0.3	7
97	Right ventricular base/apex ratio in the assessment of pediatric pulmonary arterial hypertension: Results from the European Pediatric Pulmonary Vascular Disease Network. Clinical Cardiology, 2018, 41, 1144-1149.	0.7	7
98	Cardiac Troponin-T Release After Sport and Differences by Age, Sex, Training Type, Volume, and Intensity: A Critical Review. Clinical Journal of Sport Medicine, 2022, 32, e230-e242.	0.9	7
99	Echocardiography for the Assessment of Pulmonary Hypertension and Congenital Heart Disease in the Young. Diagnostics, 2021, 11, 49.	1.3	7
100	Effects of the glycoprotein IIb/IIIa receptor antagonist c7E3 Fab and anticoagulants on platelet aggregation and thrombin potential under high coagulant challenge in vitro. Blood Coagulation and Fibrinolysis, 2000, 11, 425-432.	0.5	6
101	Effects of Î²2-glycoprotein-I on platelet aggregation in cord versus adult whole blood. Platelets, 2007, 18, 24-28.	1.1	6
102	Quantification of Left Ventricular Size and Function by 2-Dimensional Echocardiography: So Basic and So Difficult. Circulation: Cardiovascular Imaging, 2017, 10, .	1.3	6
103	Could judicious use of lung ultrasound reduce radiographic examinations in pediatric cardiac surgery patients?. Journal of Clinical Anesthesia, 2020, 61, 109638.	0.7	6
104	Pediatric nomograms for left ventricle biplane 2D volumes in healthy Caucasian children. Echocardiography, 2020, 37, 971-975.	0.3	6
105	A statistical comparison of reproducibility in current pediatric two-dimensional echocardiographic nomograms. Pediatric Research, 2021, 89, 579-590.	1.1	6
106	Left Ventricular Geometry and Near-Simultaneous Invasive Hemodynamics in Pediatric Pulmonary Hypertension. Circulation: Cardiovascular Imaging, 2020, 13, e010787.	1.3	6
107	Combined Effects of Eptifibatide and Anticoagulants: Differences between LMWH and UH or rH in Thrombin Generation Inhibition but not in Platelet Aggregation Inhibition. Thrombosis and Haemostasis, 2002, 88, 1012-1019.	1.8	5
108	An evaluation of the procoagulant action of recombinant activated factor VII in cord whole blood versus adult whole blood using thromboelastography. Blood Coagulation and Fibrinolysis, 2005, 16, 613-617.	0.5	5

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109	Additive effects of anticoagulants: recombinant human activated protein C and heparin or melagatran, in tissue factor-activated umbilical-cord plasma. Thrombosis and Haemostasis, 2005, 94, 69-74.	1.8	5
110	Hemodiafiltration in Infants With Complications During Peritoneal Dialysis. Artificial Organs, 2012, 36, 590-593.	1.0	5
111	Importance of quantifiable right heart systolic function evaluation using tricuspid annular plane systolic excursion (<scp>TAPSE</scp>) in fetuses and neonates. Ultrasound in Obstetrics and Gynecology, 2013, 42, 367-367.	0.9	5
112	Diagnostic Accuracy of Echocardiography in ALCAPA: Is It Always Correct to Rely Only on Echocardiography? The Issue of False Negatives. Journal of the American Society of Echocardiography, 2018, 31, 113-114.	1.2	5
113	Why Use Percentiles and Not Z Scores toÂCalculate Pediatric Echocardiographic Nomograms? The Need for a Uniform Approach to Data Normalization. Journal of the American Society of Echocardiography, 2018, 31, 1068-1070.	1.2	5
114	Recommendations from the Association for European Paediatric and Congenital Cardiology for training in pulmonary hypertension. Cardiology in the Young, 2019, 29, 1323-1327.	0.4	5
115	Cerebral and peripheral tissue oxygenation in stable neonates: Absent influence of cardiac function. Acta Paediatrica, International Journal of Paediatrics, 2020, 109, 1560-1569.	0.7	5
116	A novel echocardiographic approach indicates disease severity in pediatric pulmonary hypertension. Pediatrics International, 2020, 62, 637-639.	0.2	5
117	Simultaneous occurrence of retinoblastoma and neurofibromatosis I in a young child. Medical and Pediatric Oncology, 2003, 40, 124-125.	1.0	4
118	Anticoagulant action of melagatran: a comparison between neonates and adults using calibrated automated thrombography (CAT). European Journal of Pediatrics, 2007, 166, 427-431.	1.3	4
119	Successful occlusion of a persistent left vertical vein with an Amplatzer Muscular Ventricular Septal Defect Occluder. Clinical Research in Cardiology, 2007, 96, 566-568.	1.5	4
120	Transcatheter closure of an atrial septal defect in a newborn with aortic stenosis. Acta Paediatrica, International Journal of Paediatrics, 2009, 98, 582-583.	0.7	4
121	Transcarotid balloon valvuloplasty for critical aortic stenosis in a premature neonate weighing 1100â€ƒg. Pediatrics International, 2010, 52, e158-60.	0.2	4
122	Virtually same oxidizability of LDL but higher Lp(a) levels in arterial compared to venous plasma. Chemistry and Physics of Lipids, 2014, 184, 38-41.	1.5	4
123	In vitro oxidation of LDL by ozone. Chemistry and Physics of Lipids, 2014, 183, 18-21.	1.5	4
124	Tricuspid Annular Plane Systolic Excursion Is Reduced in Infants with Pulmonary Hypertension. Echocardiography, 2015, 32, 883-884.	0.3	4
125	The right ventricular outflow tract in pediatric pulmonary hypertensionâ€”Data from the European Pediatric Pulmonary Vascular Disease Network. Echocardiography, 2018, 35, 841-848.	0.3	4
126	Use of linear and convex ultrasound transducers for evaluation of retrosternal area in patients after cardiac surgery. Echocardiography, 2018, 35, 100-103.	0.3	4

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127	Menstrual Phase Affects Coagulation and Hematological Parameters during Central Hypovolemia. Journal of Clinical Medicine, 2020, 9, 3118.	1.0	4
128	Novel algorithm to screen for heart murmurs using computer-aided auscultation in neonates: a prospective single center pilot observational study. Minerva Pediatrica, 2019, 71, 221-228.	2.6	4
129	Pediatric ranges of normality for 2D speckleâ€tracking echocardiography atrial strain: differences between pâ€•and râ€gating and among new (Atrial Designed) and conventional (Ventricular Specific) software's. Echocardiography, 2021, 38, 2025-2031.	0.3	4
130	Heparinase-modified thrombelastometry: inactivation of heparin in plasma samples. Clinical Laboratory, 2010, 56, 585-9.	0.2	4
131	Echocardiographic scores for biventricular repair risk prediction of congenital heart disease with borderline left ventricle: a review. Heart Failure Reviews, 2023, 28, 63-76.	1.7	4
132	Drotrecogin Alfa (activated, Xigrisï¿½) in Combination with Heparin or Melagatran: An In vitro Investigation. Journal of Thrombosis and Thrombolysis, 2004, 18, 5-10.	1.0	3
133	Effects of Nadroparin, Enoxaparin, and Unfractionated Heparin on Endogenous Formation of Factor Xa and IIa and on Thrombelastometry Profiles in Cord versus Adult Blood. Neonatology, 2011, 100, 23-31.	0.9	3
134	Cardiac catheterization: haemostatic changes in pediatric versus adult patients. Journal of Thrombosis and Thrombolysis, 2011, 32, 372-377.	1.0	3
135	Right Ventricular Function Parameters in the Neonatal Population. Journal of the American Society of Echocardiography, 2012, 25, 243-244.	1.2	3
136	Value of Tricuspid Annular Plane Systolic Excursion and Peak Systolic Velocity in Children with Pulmonary Hypertension. Journal of the American Society of Echocardiography, 2012, 25, 1357.	1.2	3
137	Right Ventricular Function in Systemic Sclerosis-associated Pulmonary Arterial Hypertension. Journal of Rheumatology, 2013, 40, 90.2-90.	1.0	3
138	Cerebral tissue oxygen saturation is associated with N-terminal probrain natriuretic peptide in preterm infants on their first day of life. Acta Paediatrica, International Journal of Paediatrics, 2015, 104, 32-37.	0.7	3
139	Future Applications of the Selective Prostacyclin (IP) Receptor Agonist Selexipag in Pediatric Pulmonary Hypertension. Pediatric Cardiology, 2017, 38, 1523-1524.	0.6	3
140	The anticoagulant effects of ethyl pyruvate in whole blood samples. PLoS ONE, 2020, 15, e0240541.	1.1	3
141	Sex related difference in cardiac output during neonatal transition in term neonates. Cardiovascular Diagnosis and Therapy, 2021, 11, 342-347.	0.7	3
142	Normal Echocardiographic Reference Values of the Right Ventricular to Left Ventricular Endsystolic Diameter Ratio and the Left Ventricular Endsystolic Eccentricity Index in Healthy Children and in Children With Pulmonary Hypertension. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	3
143	Aortopulmonary window, critical pulmonary stenosis, and hypoplastic right ventricle. Clinical Research in Cardiology, 2008, 97, 467-469.	1.5	2
144	Femoral Vein Access by Contrast-Guided Puncture in Cardiac Catheterization in Patients Under One Year of Age. Pediatric Cardiology, 2009, 30, 768-770.	0.6	2

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145	First Experience with the Prismaflex Hf 20 Set in Four Infants. International Journal of Artificial Organs, 2011, 34, 10-15.	0.7	2
146	M-Mode and tissue Doppler imaging derived normal values of left and right ventricular function in healthy infants. Early Human Development, 2013, 89, 331.	0.8	2
147	Value of the tricuspid annular plane systolic excursion as a follow-up parameter in patients with hypoplastic left heart syndrome. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, 1682-1683.	0.4	2
148	Nomograms for echocardiographic right ventricular sub-costal view dimensions in healthy Caucasian children: A new approach to measure the right ventricle. Journal of Cardiology, 2018, 71, 181-186.	0.8	2
149	Retrosternal Clots After Fontan Surgery by Systematic Evaluation With Transthoracic Ultrasound. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 951-955.	0.6	2
150	Wearable cardioverter-defibrillator as bridging to ICD in pediatric hypertrophic cardiomyopathy with myocardial bridging â€“ a case report. BMC Pediatrics, 2020, 20, 207.	0.7	2
151	Normal Values and Patterns of Normality and Physiological Variability of Mitral and Tricuspid Inflow Pulsed Doppler in Healthy Children. Healthcare (Switzerland), 2022, 10, 355.	1.0	2
152	Recombinant human activated protein C, heparin and melagatran in umbilical cord versus adult plasma. Acta Paediatrica, International Journal of Paediatrics, 2005, 94, 884-889.	0.7	1
153	Biventricular repair despite hypoplastic tricuspid valve and right ventricle. Clinical Research in Cardiology, 2009, 98, 283-283.	1.5	1
154	Correlation of pulmonary regurgitation fraction and right ventricular ejection fraction in patients with tetralogy of Fallot. Clinical Research in Cardiology, 2011, 100, 713-714.	1.5	1
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