Yasunobu Hayabuchi

List of Publications by Year
in descending order

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90	1,008	535685 17	536525 29
papers	citations	h-index	g-index

90	90	90	1479
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Duplications in the G3 domain or switch II region in HRAS identified in patients with Costello syndrome. Human Mutation, 2022, 43, 3-15.	1.1	7
2	Novel large deletion involving EVC and EVC2 in Ellisâ€“van Creveld syndrome. Human Genome Variation, 2022, 9, 15.	0.4	2
3	Three-dimensional imaging of pulmonary arterial vasa vasorum using optical coherence tomography in patients after bidirectional Glenn and Fontan procedures. European Heart Journal Cardiovascular Imaging, 2021, 22, 941-949.	0.5	4
4	Descending aorta flow pattern in a neonate with patent ductus arteriosus coexisting with liver hemangioma. Journal of Echocardiography, 2021, , 1.	0.4	0
5	Functionally confirmed compound heterozygous ADAM17 missense loss-of-function variants cause neonatal inflammatory skin and bowel disease 1. Scientific Reports, 2021, 11, 9552.	1.6	9
6	Successful treatment by stent implantation for systemic-to-pulmonary shunt obstruction due to a Staphylococcus aureus abscess: a case report. Cardiology in the Young, 2020, 30, 1538-1540.	0.4	1
7	Molecular diagnosis of an infant with TSC2/PKD1 contiguous gene syndrome. Human Genome Variation, 2020, 7, 21.	0.4	2
8	Assessment of right ventricular function by isovolumic acceleration of pulmonary and tricuspid annulus in surgically repaired tetralogy of Fallot. Journal of Medical Investigation, 2020, 67, 145-150.	0.2	1
9	Right ventricular myocardial stiffness and relaxation components by kinematic model-based analysis. Journal of Medical Investigation, 2020, 67, 11-20.	0.2	0
10	Right Ventricular Myocardial Stiffness and Relaxation Components by Kinematic Model-Based Transtricuspid Flow Analysis in Children and Adolescents with Pulmonary Arterial Hypertension. Ultrasound in Medicine and Biology, 2019, 45, 1999-2009.	0.7	2
11	Optical coherence tomography for observing development of pulmonary arterial vasa vasorum after bidirectional cavopulmonary connection in children. PLoS ONE, 2019, 14, e0215146.	1.1	4
12	A novel index equivalent to the myocardial performance index for right ventricular functional assessment in children and adolescent patients. Scientific Reports, 2019, 9, 19975.	1.6	1
13	Development of acquired intrapulmonary venous anastomosis contributing to establishment of Fontan circulation. Pulmonary Circulation, 2019, 9, 1-3.	0.8	0
14	Association of Severity of Coronary Artery Aneurysms in Patients With Kawasaki Disease and Risk of Later Coronary Events. JAMA Pediatrics, 2018, 172, e180030.	3.3	83
15	Analysis of Right Ventricular Myocardial Stiffness and Relaxation Components in Children and Adolescents With Pulmonary Arterial Hypertension. Journal of the American Heart Association, 2018, 7, .	1.6	7
16	Early Diastolic Left Ventricular Relaxation in Normal Neonates is Influenced by Ventricular Stiffness and Longitudinal Systolic Function. International Heart Journal, 2018, 59, 149-153.	0.5	6
17	Pulmonary annular motion velocity reflects right ventricular outflow tract function in children with surgically repaired congenital heart disease. Heart and Vessels, 2018, 33, 316-326.	0.5	2
18	Pulmonary Artery Wall Thickness Assessed by Optical Coherence Tomography Correlates With Pulmonary Hemodynamics in Children With Congenital Heart Disease. Circulation Journal, 2018, 82, 2350-2357.	0.7	8

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19	Coil occlusion of aberrant arteries to pulmonary sequestration in a case with pulmonary atresia with intact ventricular septum: successful treatment of repetitive myocardial ischaemic attacks. Cardiology in the Young, 2017, 27, 193-195.	0.4	1
20	Prenatal assessment of coronary artery anatomy using color Doppler in cases of Dâ€transposition of the great arteries: Case reports. Journal of Obstetrics and Gynaecology Research, 2017, 43, 397-402.	0.6	3
21	Assessment of pulmonary arterial compliance evaluated using harmonic oscillator kinematics. Pulmonary Circulation, 2017, 7, 666-673.	0.8	0
22	The Action of Smooth Muscle Cell Potassium Channels in the Pathology of Pulmonary Arterial Hypertension. Pediatric Cardiology, 2017, 38, 1-14.	0.6	21
23	Temporal Sequential Pattern of Right Ventricular Free Wall Contraction in Normal Children. Circulation Journal, 2017, 81, 1699-1706.	0.7	3
24	Long-term Results After Open Mitral Commissurotomy for a One-Month-Old Infant With Mitral Stenosis. Journal of Medical Investigation, 2017, 64, 187-191.	0.2	0
25	Detection of 1p36 deletion by clinical exome-first diagnostic approach. Human Genome Variation, 2016, 3, 16006.	0.4	20
26	Pulmonary Annular Motion Velocity Assessed Using Doppler Tissue Imagingã€€â€“ Novel Echocardiographic Evaluation of Right Ventricular Outflow Tract Function â€“. Circulation Journal, 2016, 80, 168-176.	0.7	11
27	Tricuspid L and Lâ€² waves. International Journal of Cardiology, 2016, 211, 64-65.	0.8	2
28	Potassium Channels in Pulmonary Arterial Hypertension. Nihon Shoni Junkanki Gakkai Zasshi = Pediatric Cardiology and Cardiac Surgery, 2016, 32, 189-198.	0.0	0
29	Noninvasive assessment of pulmonary arterial capacitance by pulmonary annular motion velocity in children with ventricular septal defect. Cardiovascular Ultrasound, 2015, 14, 38.	0.5	1
30	Aortic forward flow in aortic atresia via ventriculo-coronary arterial connections:. European Heart Journal Cardiovascular Imaging, 2015, 16, 847-847.	0.5	0
31	Reply. Echocardiography, 2015, 32, 1603-1604.	0.3	0
32	Assessment of the Helical Ventricular Myocardial Band Using Standard Echocardiography. Echocardiography, 2015, 32, 310-318.	0.3	23
33	Bronchogenic cyst compressing the pulmonary artery and the left atrium. European Heart Journal Cardiovascular Imaging, 2015, 16, 746-746.	0.5	2
34	Optical coherence tomography can visualize the pulmonary artery in Williams-Beuren syndrome. European Heart Journal Cardiovascular Imaging, 2015, 16, 967.	0.5	3
35	Fibromyxoid excrescence of the aortic valve that manifested after catheterisation and required resection. Cardiology in the Young, 2015, 25, 362-364.	0.4	0
36	Right ventricular myocardial deformation patterns in children with congenital heart disease associated with right ventricular pressure overload. European Heart Journal Cardiovascular Imaging, 2015, 16, 890-899.	0.5	17

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37	A Case of Diffuse Pulmonary Arteriovenous Malformationss Successfully Treated by Percutaneous Transcatheter Embolization with Sacrifice of Normal Pulmonary Arteries. Nihon Shoni Junkanki Gakkai Zasshi = Pediatric Cardiology and Cardiac Surgery, 2015, 31, 352-357.	0.0	0
38	Assessment of Twoâ€€Component Ventricular Septum: Functional Differences in Systolic Deformation and Rotation Assessed by Speckle Tracking Imaging. Echocardiography, 2014, 31, 815-824.	0.3	7
39	Continuing Medical Education Activity inEchocardiography. Echocardiography, 2014, 31, 814-814.	0.3	0
40	Developmental changes in the left ventricular diastolic wall strain on M-mode echocardiography. Journal of Echocardiography, 2014, 12, 98-105.	0.4	9
41	Echocardiographic assessment of anomalous origin of the left coronary artery from the pulmonary artery. Journal of Echocardiography, 2014, 12, 60-61.	0.4	0
42	Right ventricular thrombosis in two patients with pulmonary atresia with intact ventricular septum. Journal of Echocardiography, 2014, 12, 62-64.	0.4	1
43	Subclavian and pulmonary artery steal phenomenon in a patient with isolated left subclavian artery and right aortic arch. Journal of Clinical Ultrasound, 2013, 41, 265-268.	0.4	8
44	Ratio of Early Diastolic Tricuspid Inflow to Tricuspid Lateral Annulus Velocity Reflects Pulmonary Regurgitation Severity but Not Right Ventricular Diastolic Function in Children With Repaired Tetralogy of Fallot. Pediatric Cardiology, 2013, 34, 1112-1117.	0.6	13
45	Left Atrial Volume Change Throughout the Cardiac Cycle in Children With Congenital Heart Disease Associated With Increased Pulmonary Blood Flow: Evaluation Using a Novel Left Atrium-Tracking Method. Pediatric Cardiology, 2013, 34, 105-111.	0.6	13
46	Complete but not partial thymectomy in early infancy reduces T-cellâ€“mediated immune response: Three-year tracing study after pediatric cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, 656-662.e2.	0.4	26
47	Congenital ductus arteriosus aneurysm. Journal of Echocardiography, 2012, 10, 112-114.	0.4	2
48	Stent placement in the ductus venosus of a neonate with total anomalous pulmonary venous return. Journal of Echocardiography, 2012, 10, 27-29.	0.4	5
49	Multidetector-row Computed Tomography Evaluation of Bilateral Bronchial Narrowing Associated with Increased Pulmonary Blood Flow in Children with Congenital Heart Disease. Congenital Heart Disease, 2012, 7, 410-416.	0.0	1
50	Mechanical Stretch and Intermediate-Conductance Ca2+-Activated K+ Channels in Arterial Smooth Muscle Cells. , 2012, , 159-187.		3
51	A Novel Bilayer Approach to Ventricular Septal Deformation Analysis by Speckle Tracking Imaging in Children with Right Ventricular Overload. Journal of the American Society of Echocardiography, 2011, 24, 1205-1212.	1.2	19
52	Pulmonary Emphysematous Changes in Patients with Congenital Heart Disease Associated with Increased Pulmonary Blood Flow: Evaluation Using Multidetector-Row Computed Tomography. Heart Lung and Circulation, 2011, 20, 587-592.	0.2	6
53	Multidetector-row computed tomography visualized peripheral pulmonary artery patency in a patient with occluded modified Blalockâ€“Taussig shunt. International Journal of Cardiology, 2011, 150, e57-e58.	0.8	2
54	Minimum-intensity projection of multidetector-row computed tomography for assessment of pulmonary hypertension in children with congenital heart disease. International Journal of Cardiology, 2011, 149, 192-198.	0.8	7

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55	Serum Concentration of Heart-Type Fatty Acid-Binding Protein in Children and Adolescents With Congenital Heart Disease. Circulation Journal, 2011, 75, 1992-1997.	0.7	4
56	Cell membrane stretch activates intermediate-conductance Ca2+-activated K+ channels in arterial smooth muscle cells. Heart and Vessels, 2011, 26, 91-100.	0.5	10
57	Consideration of the Pathological Features of Pediatric Congenital Heart Diseases Which Are Ideally Suitable for Diagnosing With Multidetector-row CT. Cardiology Research, 2011, 2, 150-159.	0.5	1
58	Coronary Arteriovenous Fistula: Direct Connection of the Proximal Circumflex Artery to the Coronary Sinus. Pediatric Cardiology, 2010, 31, 168-169.	0.6	5
59	Assessment of modified Blalockâ€“Taussig shunt in children with congenital heart disease using multidetector-row computed tomography. Heart and Vessels, 2010, 25, 529-535.	0.5	4
60	Increased mid-left ventricular rotation in patients with Duchenne muscular dystrophy using two-dimensional speckle tracking echocardiography. Journal of Echocardiography, 2010, 8, 14-24.	0.4	3
61	Development of systemic-to-pulmonary collateral arteries in a patient with hypoplastic left cardiac syndrome after bilateral pulmonary artery banding. Cardiology in the Young, 2010, 20, 465-467.	0.4	0
62	Assessment of systemic-pulmonary collateral arteries in children with cyanotic congenital heart disease using multidetector-row computed tomography: Comparison with conventional angiography. International Journal of Cardiology, 2010, 138, 266-271.	0.8	25
63	Stenting of Ductus Arteriosus in a Neonate with Truncus Arteriosus and Interrupted Aortic Arch Associated with a Right Aortic Arch. Pediatric Cardiology, 2009, 30, 1180-1183.	0.6	4
64	Tracheal compression due to an elongated aortic arch in patients with congenital heart disease: evaluation using multidetector-row CT. Pediatric Radiology, 2009, 39, 1048-1053.	1.1	18
65	Autonomic function in patients with Duchenne muscular dystrophy. Pediatrics International, 2009, 51, 33-40.	0.2	26
66	Rare venous connection causing severe hypoxia after Fontan operation. Interactive Cardiovascular and Thoracic Surgery, 2008, 7, 718-719.	0.5	7
67	Segmental Myocardial Strain of the Left Ventricle in Patients With Duchenne Muscular Dystrophy Using Two-Dimensional Speckle Tracking Echocardiography. Journal of Echocardiography, 2008, 6, 100-108.	0.4	2
68	Polytetrafluoroethylene graft calcification in patients with surgically repaired congenital heart disease: Evaluation using multidetector-row computed tomography. American Heart Journal, 2007, 153, 806.e1-806.e8.	1.2	43
69	Accurate quantification of pulmonary artery diameter in patients with cyanotic congenital heart disease using multidetector-row computed tomography. American Heart Journal, 2007, 154, 783-788.	1.2	31
70	Virtual endoscopy using multidetector-row CT for coil occlusion of patent ductus arteriosus. Catheterization and Cardiovascular Interventions, 2007, 70, 434-439.	0.7	9
71	Myocardial Strain Imaging for Early Detection of Cardiac Involvement in Patients with Duchenne's Progressive Muscular Dystrophy. Echocardiography, 2007, 24, 598-608.	0.3	66
72	Angiotensin II activates intermediate-conductance Ca2+-activated K+ channels in arterial smooth muscle cells. Journal of Molecular and Cellular Cardiology, 2006, 41, 972-979.	0.9	15

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73	Myocardial Systolic Strain in Normal Children Using a Tissue Tracking System. Journal of Echocardiography, 2006, 4, 19-24.	0.4	2
74	Caveolae Localize Protein Kinase A Signaling to Arterial ATP-Sensitive Potassium Channels. Circulation Research, 2004, 95, 1012-1018.	2.0	105
75	Diagnosis and natural history of isolated congenital pulmonary regurgitation in fetal life. Cardiology in the Young, 2000, 10, 162-165.	0.4	7
76	Retrograde holodiastolic flow in the abdominal aorta detected by pulsed Doppler echocardiography in patients with Kawasaki disease. European Journal of Pediatrics, 2000, 159, 509-514.	1.3	7
77	Cyclic variation of integrated ultrasound backscatter in the left ventricle during the early neonatal period. American Heart Journal, 2000, 140, 463-468.	1.2	13
78	Age-related endothelium-dependent vascular relaxation in rat thoracic aorta in response to colforsin. Pediatrics International, 1999, 41, 673-681.	0.2	6
79	Usefulness of color kinesis imaging for evaluation of regional right ventricular wall motion in patients with surgically repaired tetralogy of Fallot. American Journal of Cardiology, 1998, 82, 1224-1229.	0.7	12
80	Hydrogen peroxide-induced vascular relaxation in porcine coronary arteries is mediated by Ca2+-activated K+ channels. Heart and Vessels, 1998, 13, 9-17.	0.5	88
81	Lactate-Induced Vascular Relaxation in Porcine Coronary Arteries is Mediated by Ca2+-activated K+Channels. Journal of Molecular and Cellular Cardiology, 1998, 30, 349-356.	0.9	35
82	Endothelium-Derived Hyperpolarizing Factor Activates Ca2+-Activated K+ Channels in Porcine Coronary Artery Smooth Muscle Cells. Journal of Cardiovascular Pharmacology, 1998, 32, 642-649.	0.8	68
83	Absence of the inferior vena cava in a patient with omphalocele: Two-dimensional echocardiographic and cineangiographic findings. Heart and Vessels, 1996, 11, 104-109.	0.5	4
84	Usefulness of QRST isointegral maps for the diagnosis of right ventricular pressure overload in patients with surgically repaired tetralogy of fallot complicated by right bundle branch block. Journal of Electrocardiology, 1996, 29, 111-117.	0.4	0
85	The first report of a patient with interrupted inferior vena cava, multiple postâ€renal veins and azygosâ€hemiazygos continuation. Pediatrics International, 1995, 37, 514-517.	0.2	9
86	Signalâ€averaged electrocardiographic late potentials in children with complete heart block. Clinical Cardiology, 1994, 17, 325-329.	0.7	3
87	Abnormal signalâ€averaged electrocardiogram in patients with duchenne muscular dystrophy: Comparison of time and frequency domain analyses from the signalâ€averaged electrocardiogram. Clinical Cardiology, 1993, 16, 723-728.	0.7	5
88	Abnormal findings in the signalâ€averaged electrocardiogram in patients with Ebstein's anomaly. Pediatrics International, 1993, 35, 72-73.	0.2	1
89	Abnormal signal averaged ECG after surgical repair of tetralogy of fallot. A Combined Analysis in the Time and Frequency Domain.. Japanese Circulation Journal, 1993, 57, 841-850.	1.0	2
90	Assessment of sinus node function in patients with congenital long QT syndrome.. Japanese Circulation Journal, 1991, 55, 487-489.	1.0	0