

Yasunobu Hayabuchi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

90
papers

802
citations

16
h-index

26
g-index

90
ext. papers

910
ext. citations

2.6
avg, IF

3.79
L-index

#	Paper	IF	Citations
90	Novel large deletion involving EVC and EVC2 in Ellis-van Creveld syndrome.. <i>Human Genome Variation</i> , 2022 , 9, 15	1.8	0
89	Duplications in the G3 domain or switch II region in HRAS identified in patients with Costello syndrome. <i>Human Mutation</i> , 2021 ,	4.7	1
88	Three-dimensional imaging of pulmonary arterial vasa vasorum using optical coherence tomography in patients after bidirectional Glenn and Fontan procedures. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 941-949	4.1	1
87	Descending aorta flow pattern in a neonate with patent ductus arteriosus coexisting with liver hemangioma. <i>Journal of Echocardiography</i> , 2021 , 1	1.6	
86	Functionally confirmed compound heterozygous ADAM17 missense loss-of-function variants cause neonatal inflammatory skin and bowel disease 1. <i>Scientific Reports</i> , 2021 , 11, 9552	4.9	2
85	Assessment of right ventricular function by isovolumic acceleration of pulmonary and tricuspid annulus in surgically repaired tetralogy of Fallot. <i>Journal of Medical Investigation</i> , 2020 , 67, 145-150	1.2	0
84	Right ventricular myocardial stiffness and relaxation components by kinematic model-based analysis. <i>Journal of Medical Investigation</i> , 2020 , 67, 11-20	1.2	
83	Successful treatment by stent implantation for systemic-to-pulmonary shunt obstruction due to a abscess: a case report. <i>Cardiology in the Young</i> , 2020 , 30, 1538-1540	1	0
82	Molecular diagnosis of an infant with / contiguous gene syndrome. <i>Human Genome Variation</i> , 2020 , 7, 21	1.8	1
81	Optical coherence tomography for observing development of pulmonary arterial vasa vasorum after bidirectional cavopulmonary connection in children. <i>PLoS ONE</i> , 2019 , 14, e0215146	3.7	3
80	Right Ventricular Myocardial Stiffness and Relaxation Components by Kinematic Model-Based Transtricuspid Flow Analysis in Children and Adolescents with Pulmonary Arterial Hypertension. <i>Ultrasound in Medicine and Biology</i> , 2019 , 45, 1999-2009	3.5	1
79	A novel index equivalent to the myocardial performance index for right ventricular functional assessment in children and adolescent patients. <i>Scientific Reports</i> , 2019 , 9, 19975	4.9	0
78	Development of acquired intrapulmonary venous anastomosis contributing to establishment of Fontan circulation. <i>Pulmonary Circulation</i> , 2019 , 9, 2045894018814774	2.7	
77	Association of Severity of Coronary Artery Aneurysms in Patients With Kawasaki Disease and Risk of Later Coronary Events. <i>JAMA Pediatrics</i> , 2018 , 172, e180030	8.3	40
76	Analysis of Right Ventricular Myocardial Stiffness and Relaxation Components in Children and Adolescents With Pulmonary Arterial Hypertension. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	7
75	Early Diastolic Left Ventricular Relaxation in Normal Neonates is Influenced by Ventricular Stiffness and Longitudinal Systolic Function. <i>International Heart Journal</i> , 2018 , 59, 149-153	1.8	3
74	Pulmonary annular motion velocity reflects right ventricular outflow tract function in children with surgically repaired congenital heart disease. <i>Heart and Vessels</i> , 2018 , 33, 316-326	2.1	1

73	Pulmonary Artery Wall Thickness Assessed by Optical Coherence Tomography Correlates With Pulmonary Hemodynamics in Children With Congenital Heart Disease. <i>Circulation Journal</i> , 2018 , 82, 2350-2357 ^{2,9} 5		
72	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. <i>Cardiology in the Young</i> , 2017 , 27, 193-195	1	1
71	Prenatal assessment of coronary artery anatomy using color Doppler in cases of D-transposition of the great arteries: Case reports. <i>Journal of Obstetrics and Gynaecology Research</i> , 2017 , 43, 397-402	1.9	2
70	Temporal Sequential Pattern of Right Ventricular Free Wall Contraction in Normal Children. <i>Circulation Journal</i> , 2017 , 81, 1699-1706	2.9	3
69	Assessment of pulmonary arterial compliance evaluated using harmonic oscillator kinematics. <i>Pulmonary Circulation</i> , 2017 , 7, 666-673	2.7	
68	The Action of Smooth Muscle Cell Potassium Channels in the Pathology of Pulmonary Arterial Hypertension. <i>Pediatric Cardiology</i> , 2017 , 38, 1-14	2.1	18
67	Long-term Results After Open Mitral Commissurotomy for a One-Month-Old Infant With Mitral Stenosis. <i>Journal of Medical Investigation</i> , 2017 , 64, 187-191	1.2	
66	Pulmonary Annular Motion Velocity Assessed Using Doppler Tissue Imaging - Novel Echocardiographic Evaluation of Right Ventricular Outflow Tract Function. <i>Circulation Journal</i> , 2016 , 80, 168-76	2.9	10
65	Tricuspid L and LUwaves. <i>International Journal of Cardiology</i> , 2016 , 211, 64-5	3.2	1
64	Noninvasive assessment of pulmonary arterial capacitance by pulmonary annular motion velocity in children with ventricular septal defect. <i>Cardiovascular Ultrasound</i> , 2016 , 14, 38	2.4	0
63	Potassium Channels in Pulmonary Arterial Hypertension. <i>Nihon Shoni Junkanki Gakkai Zasshi = Pediatric Cardiology and Cardiac Surgery</i> , 2016 , 32, 189-198	0	
62	Detection of 1p36 deletion by clinical exome-first diagnostic approach. <i>Human Genome Variation</i> , 2016 , 3, 16006	1.8	18
61	Fibromyxoid excrescence of the aortic valve that manifested after catheterisation and required resection. <i>Cardiology in the Young</i> , 2015 , 25, 362-4	1	
60	Right ventricular myocardial deformation patterns in children with congenital heart disease associated with right ventricular pressure overload. <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 890-9	4.1	15
59	Aortic forward flow in aortic atresia via ventriculo-coronary arterial connections. <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 847	4.1	
58	Reply: To PMID 24814570. <i>Echocardiography</i> , 2015 , 32, 1603-4	1.5	
57	Assessment of the helical ventricular myocardial band using standard echocardiography. <i>Echocardiography</i> , 2015 , 32, 310-8	1.5	16
56	Bronchogenic cyst compressing the pulmonary artery and the left atrium. <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 746	4.1	2

55	Optical coherence tomography can visualize the pulmonary artery in Williams-Beuren syndrome. <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 967	4.1	3
54	A Case of Diffuse Pulmonary Arteriovenous Malformations Successfully Treated by Percutaneous Transcatheter Embolization with Sacrifice of Normal Pulmonary Arteries. <i>Nihon Shoni Junkanki Gakkai Zasshi = Pediatric Cardiology and Cardiac Surgery</i> , 2015 , 31, 352-357	0	
53	Echocardiographic assessment of anomalous origin of the left coronary artery from the pulmonary artery. <i>Journal of Echocardiography</i> , 2014 , 12, 60-1	1.6	
52	Right ventricular thrombosis in two patients with pulmonary atresia with intact ventricular septum. <i>Journal of Echocardiography</i> , 2014 , 12, 62-4	1.6	1
51	Assessment of two-component ventricular septum: functional differences in systolic deformation and rotation assessed by speckle tracking imaging. <i>Echocardiography</i> , 2014 , 31, 815-24	1.5	5
50	Continuing Medical Education Activity in Echocardiography. <i>Echocardiography</i> , 2014 , 31, 814-814	1.5	
49	Developmental changes in the left ventricular diastolic wall strain on M-mode echocardiography. <i>Journal of Echocardiography</i> , 2014 , 12, 98-105	1.6	9
48	Subclavian and pulmonary artery steal phenomenon in a patient with isolated left subclavian artery and right aortic arch. <i>Journal of Clinical Ultrasound</i> , 2013 , 41, 265-8	1	7
47	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. <i>Pediatric Cardiology</i> , 2013 , 34, 1112-7	2.1	9
46	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. <i>Pediatric Cardiology</i> , 2013 , 34, 105-11	2.1	12
45	Complete but not partial thymectomy in early infancy reduces T-cell-mediated immune response: three-year tracing study after pediatric cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, 656-62, 662.e1-2; discussion 662	1.5	18
44	Multidetector-row computed tomography evaluation of bilateral bronchial narrowing associated with increased pulmonary blood flow in children with congenital heart disease. <i>Congenital Heart Disease</i> , 2012 , 7, 410-6	3.1	1
43	Congenital ductus arteriosus aneurysm. <i>Journal of Echocardiography</i> , 2012 , 10, 112-4	1.6	1
42	Stent placement in the ductus venosus of a neonate with total anomalous pulmonary venous return. <i>Journal of Echocardiography</i> , 2012 , 10, 27-9	1.6	2
41	Mechanical Stretch and Intermediate-Conductance Ca ²⁺ -Activated K ⁺ Channels in Arterial Smooth Muscle Cells 2012 , 159-187		2
40	Pulmonary emphysematous changes in patients with congenital heart disease associated with increased pulmonary blood flow: evaluation using multidetector-row computed tomography. <i>Heart Lung and Circulation</i> , 2011 , 20, 587-92	1.8	5
39	Multidetector-row computed tomography visualized peripheral pulmonary artery patency in a patient with occluded modified Blalock-Taussig shunt. <i>International Journal of Cardiology</i> , 2011 , 150, e57-8	3.2	1
38	Minimum-intensity projection of multidetector-row computed tomography for assessment of pulmonary hypertension in children with congenital heart disease. <i>International Journal of Cardiology</i> , 2011 , 149, 192-198	3.2	5

37	Serum concentration of heart-type fatty acid-binding protein in children and adolescents with congenital heart disease. <i>Circulation Journal</i> , 2011 , 75, 1992-7	2.9	3
36	Cell membrane stretch activates intermediate-conductance Ca ²⁺ -activated K ⁺ channels in arterial smooth muscle cells. <i>Heart and Vessels</i> , 2011 , 26, 91-100	2.1	9
35	A novel bilayer approach to ventricular septal deformation analysis by speckle tracking imaging in children with right ventricular overload. <i>Journal of the American Society of Echocardiography</i> , 2011 , 24, 1205-12	5.8	19
34	Consideration of the Pathological Features of Pediatric Congenital Heart Diseases Which Are Ideally Suitable for Diagnosing With Multidetector-row CT. <i>Cardiology Research</i> , 2011 , 2, 150-159	1.8	1
33	Development of systemic-to-pulmonary collateral arteries in a patient with hypoplastic left cardiac syndrome after bilateral pulmonary artery banding. <i>Cardiology in the Young</i> , 2010 , 20, 465-7	1	
32	Assessment of systemic-pulmonary collateral arteries in children with cyanotic congenital heart disease using multidetector-row computed tomography: comparison with conventional angiography. <i>International Journal of Cardiology</i> , 2010 , 138, 266-71	3.2	19
31	Coronary arteriovenous fistula: direct connection of the proximal circumflex artery to the coronary sinus. <i>Pediatric Cardiology</i> , 2010 , 31, 168-9	2.1	3
30	Assessment of modified Blalock-Taussig shunt in children with congenital heart disease using multidetector-row computed tomography. <i>Heart and Vessels</i> , 2010 , 25, 529-35	2.1	3
29	Increased mid-left ventricular rotation in patients with Duchenne muscular dystrophy using two-dimensional speckle tracking echocardiography. <i>Journal of Echocardiography</i> , 2010 , 8, 14-24	1.6	3
28	Stenting of ductus arteriosus in a neonate with truncus arteriosus and interrupted aortic arch associated with a right aortic arch. <i>Pediatric Cardiology</i> , 2009 , 30, 1180-3	2.1	4
27	Tracheal compression due to an elongated aortic arch in patients with congenital heart disease: evaluation using multidetector-row CT. <i>Pediatric Radiology</i> , 2009 , 39, 1048-53	2.8	16
26	Autonomic function in patients with Duchenne muscular dystrophy. <i>Pediatrics International</i> , 2009 , 51, 33-40	1.2	20
25	Rare venous connection causing severe hypoxia after Fontan operation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2008 , 7, 718-9	1.8	7
24	Segmental Myocardial Strain of the Left Ventricle in Patients With Duchenne Muscular Dystrophy Using Two-Dimensional Speckle Tracking Echocardiography. <i>Journal of Echocardiography</i> , 2008 , 6, 100-108	1.6	2
23	Virtual endoscopy using multidetector-row CT for coil occlusion of patent ductus arteriosus. <i>Catheterization and Cardiovascular Interventions</i> , 2007 , 70, 434-9	2.7	7
22	Myocardial strain imaging for early detection of cardiac involvement in patients with Duchenne's progressive muscular dystrophy. <i>Echocardiography</i> , 2007 , 24, 598-608	1.5	54
21	Polytetrafluoroethylene graft calcification in patients with surgically repaired congenital heart disease: evaluation using multidetector-row computed tomography. <i>American Heart Journal</i> , 2007 , 153, 806.e1-8	4.9	30
20	Accurate quantification of pulmonary artery diameter in patients with cyanotic congenital heart disease using multidetector-row computed tomography. <i>American Heart Journal</i> , 2007 , 154, 783-8	4.9	25

19	Angiotensin II activates intermediate-conductance Ca ²⁺ -activated K ⁺ channels in arterial smooth muscle cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2006 , 41, 972-9	5.8	13
18	Myocardial Systolic Strain in Normal Children Using a Tissue Tracking System. <i>Journal of Echocardiography</i> , 2006 , 4, 19-24	1.6	2
17	Caveolae localize protein kinase A signaling to arterial ATP-sensitive potassium channels. <i>Circulation Research</i> , 2004 , 95, 1012-8	15.7	97
16	Diagnosis and natural history of isolated congenital pulmonary regurgitation in fetal life. <i>Cardiology in the Young</i> , 2000 , 10, 162-5	1	5
15	Retrograde holodiastolic flow in the abdominal aorta detected by pulsed Doppler echocardiography in patients with Kawasaki disease. <i>European Journal of Pediatrics</i> , 2000 , 159, 509-14	4.1	7
14	Cyclic variation of integrated ultrasound backscatter in the left ventricle during the early neonatal period. <i>American Heart Journal</i> , 2000 , 140, 463-8	4.9	8
13	Age-related endothelium-dependent vascular relaxation in rat thoracic aorta in response to colforsin. <i>Pediatrics International</i> , 1999 , 41, 673-81	1.2	6
12	Usefulness of color kinesis imaging for evaluation of regional right ventricular wall motion in patients with surgically repaired tetralogy of Fallot. <i>American Journal of Cardiology</i> , 1998 , 82, 1224-9	3	10
11	Hydrogen peroxide-induced vascular relaxation in porcine coronary arteries is mediated by Ca ²⁺ -activated K ⁺ channels. <i>Heart and Vessels</i> , 1998 , 13, 9-17	2.1	83
10	Lactate-induced vascular relaxation in porcine coronary arteries is mediated by Ca ²⁺ -activated K ⁺ channels. <i>Journal of Molecular and Cellular Cardiology</i> , 1998 , 30, 349-56	5.8	31
9	Endothelium-derived hyperpolarizing factor activates Ca ²⁺ -activated K ⁺ channels in porcine coronary artery smooth muscle cells. <i>Journal of Cardiovascular Pharmacology</i> , 1998 , 32, 642-9	3.1	62
8	Absence of the inferior vena cava in a patient with omphalocele: two-dimensional echocardiographic and cineangiographic findings. <i>Heart and Vessels</i> , 1996 , 11, 104-9	2.1	4
7	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 block. <i>Journal of Electrocardiology</i> , 1996 , 29, 111-7	1.4	
6	The first report of a patient with interrupted inferior vena cava, multiple post-renal veins and azygos-hemiazygos continuation. <i>Pediatrics International</i> , 1995 , 37, 514-7	1.2	7
5	Signal-averaged electrocardiographic late potentials in children with complete heart block. <i>Clinical Cardiology</i> , 1994 , 17, 325-9	3.3	3
4	Abnormal findings in the signal-averaged electrocardiogram in patients with Ebstein's anomaly. <i>Pediatrics International</i> , 1993 , 35, 72-3	1.2	1
3	Abnormal signal averaged ECG after surgical repair of tetralogy of Fallot—a combined analysis in the time and frequency domain. <i>Japanese Circulation Journal</i> , 1993 , 57, 841-50		1
2	Abnormal signal-averaged electrocardiogram in patients with Duchenne muscular dystrophy: comparison of time and frequency domain analyses from the signal-averaged electrocardiogram. <i>Clinical Cardiology</i> , 1993 , 16, 723-8	3.3	5

- 1 Assessment of sinus node function in patients with congenital long QT syndrome. *Japanese Circulation Journal*, **1991**, 55, 487-9