

# Satoshi Masutani

## List of Publications by Year in descending order

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74  
papers

686  
citations

516710

16  
h-index

642732

23  
g-index

74  
all docs

74  
docs citations

74  
times ranked

816  
citing authors

#	ARTICLE	IF	CITATIONS
1	Successful Pacemaker Setting Using Treadmill Exercise Test in a Child with Fontan Circulation. <i>International Heart Journal</i> , 2022, 63, 642-646.	1.0	0
2	Is ibuprofen superior to indomethacin for patent ductus arteriosus in Japanese preterm infants?. <i>Pediatrics International</i> , 2021, 63, 929-934.	0.5	0
3	Isolated abdominal aortic tortuosity diagnosed by fetal echocardiography. <i>Journal of Echocardiography</i> , 2021, 19, 60-62.	0.8	2
4	Child with Kawasaki Disease Complicated by A Single Right Coronary Artery. <i>Clinical Medicine Insights: Cardiology</i> , 2021, 15, 117954682110107.	1.8	0
5	Progression of left ventricular apical hypoplasia-like restrictive cardiomyopathy with severe pulmonary hypertension: Follow-up from fetal stage. <i>Journal of Cardiology Cases</i> , 2021, 24, 161-164.	0.5	0
6	Asian population may have a lower incidence of hip osteonecrosis in childhood acute lymphoblastic leukemia. <i>International Journal of Hematology</i> , 2021, 114, 271-279.	1.6	2
7	Efficacy of a Subcutaneous Implantable Cardioverter Defibrillator in a Child with Early Repolarization Syndrome. <i>International Heart Journal</i> , 2021, 62, 919-923.	1.0	0
8	Ductus diameter and left pulmonary artery end-diastolic velocity at 3 days of age predict the future need for surgical closure of patent ductus arteriosus in preterm infants: A post-hoc analysis of a prospective multicenter study. <i>Journal of Cardiology</i> , 2021, 78, 487-492.	1.9	4
9	Basilar Artery Dissection Complicated with Infective Endocarditis. <i>International Heart Journal</i> , 2021, 62, 216-219.	1.0	2
10	Markedly long pause due to sinus arrest during dexmedetomidine use and nasal continuous positive airway pressure in two infants with respiratory syncytial virus infection. <i>Journal of Cardiology Cases</i> , 2021, 23, 10-12.	0.5	2
11	Left Ventricular End-Diastolic Dimension for the Assessment of the Pulmonary to Systemic Flow Ratio in Congenital Heart Diseases. <i>Circulation Journal</i> , 2021, , .	1.6	2
12	Protective factors that maintain asymptomatic longevity in untreated congenitally corrected transposition of great arteries. <i>CJC Open</i> , 2021, 4, 355.	1.5	0
13	Safety and Feasibility of Intravenous Paracetamol for Patent Ductus Arteriosus in Indomethacin-/Ibuprofen-Resistant or -Contraindicated Preterm Infants: A Case Series. <i>AJP Reports</i> , 2020, 10, e49-e53.	0.7	3
14	Steroid-Refractory Protein-Losing Enteropathy with Gastrointestinal Bleeding in a Patient with Fontan Circulation. <i>International Heart Journal</i> , 2020, 61, 851-855.	1.0	0
15	What echocardiographic indices are predictive of patent ductus arteriosus surgical closure in early preterm infants? A prospective multicenter cohort study. <i>Journal of Cardiology</i> , 2019, 74, 512-518.	1.9	10
16	Two Extremely Low Birth Weight Infants Who Survived Functional Pulmonary Atresia with Normal Intracardiac Anatomy. <i>AJP Reports</i> , 2019, 09, e310-e314.	0.7	1
17	Improvement in Dyssynchrony with Pharmacological Ablation of Right-Sided Accessory Pathway-Induced Cardiomyopathy in Infants. <i>International Heart Journal</i> , 2019, 60, 1201-1205.	1.0	4
18	Case of Incomplete Kawasaki Disease with No Symptoms Except Fever Causing the Development of Coronary Aneurysm. <i>International Heart Journal</i> , 2019, 60, 1006-1008.	1.0	3

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19	Blood reservoir function in patients with Fontan circulation and asplenia syndrome. <i>Cardiology in the Young</i> , 2019, 29, 1016-1019.	0.8	0
20	Activin A A Potential Useful Biomarker of Diastolic Dysfunction. <i>Circulation Journal</i> , 2019, 83, 1443-1445.	1.6	1
21	Fenestration in the Fontan circulation as a strategy for chronic cardioprotection. <i>Heart</i> , 2019, 105, 1266-1272.	2.9	15
22	Postnatal Amelioration of Fetal Right Ventricular Hypoplasia Associated with Large Eustachian Valve: A Case Report. <i>AJP Reports</i> , 2019, 09, e357-e360.	0.7	0
23	Thyroid Function in Patients With a Fontan Circulation. <i>American Journal of Cardiology</i> , 2019, 123, 979-983.	1.6	11
24	Modified underlying cardiac disease severity in twin-twin transfusion syndrome. <i>Annals of Pediatric Cardiology</i> , 2019, 12, 336.	0.5	1
25	First Report of Fatal Secondary Abdominal Compartment Syndrome Induced by Intestinal Gas Accumulation without Organic Occlusive Intestinal Lesion in a Child with Sepsis. <i>American Journal of Case Reports</i> , 2019, 20, 1011-1015.	0.8	0
26	Spontaneous regression of severe aortic coarctation in trisomy 18. <i>Cardiology in the Young</i> , 2018, 28, 771-772.	0.8	1
27	Importance of dynamic central venous pressure in Fontan circulation. <i>Heart and Vessels</i> , 2018, 33, 664-670.	1.2	9
28	Cardiac Ventricular Contractile Responses to Chronically Increased Afterload Secondary to Right Ventricular Outflow Obstruction in Patients With Tetralogy of Fallot. <i>American Journal of Cardiology</i> , 2018, 121, 1090-1093.	1.6	2
29	Effects of home prothrombin international ratio (PT-INR) management in children with mechanical prosthetic valves Importance of individual correlations between laboratory and CoaguChek device PT-INRs. <i>Journal of Cardiology</i> , 2018, 71, 187-191.	1.9	1
30	First Pediatric Case of Infective Endocarditis Caused by <i>Serratia Liquefaciens</i> . <i>International Heart Journal</i> , 2018, 59, 1485-1487.	1.0	10
31	M-mode Diagnosis of Tachyarrhythmia Can be Erroneous Owing to Pseudo 1:1 Atrioventricular Movement of the Atrial Wall Adjacent to the Atrioventricular Valve Possibly due to Atrioventricular Constraint: A Case of Neonatal Atrial Flutter With 2:1 Atrioventricular Conduction. <i>Clinical Medicine Insights: Cardiology</i> , 2018, 12, 117954681877170.	1.8	0
32	Assessment of central venous physiology of Fontan circulation using peripheral venous pressure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 912-920.	0.8	28
33	A 1-year-old boy with long pauses caused by paroxysmal atrioventricular block and sinus arrest: Vagal reflex and effect of pacing. <i>Journal of Electrocardiology</i> , 2017, 50, 203-206.	0.9	2
34	Developmental Changes in Aortic Mechanical Properties in Normal Fetuses and Fetuses with Cardiovascular Disease. <i>Pediatrics and Neonatology</i> , 2017, 58, 245-250.	0.9	10
35	Low-Dose Intravenous Paracetamol for Patent Ductus Arteriosus in Indomethacin-Resistant or Contraindicated Preterm Infants: Three Cases Reports. <i>AJP Reports</i> , 2017, 07, e230-e233.	0.7	3
36	Report from the Japanese Society of Pediatric Cardiology and Cardiac Surgery Research Committee on Cardio-Vascular Function in Adult Patients with Congenital Heart Disease: Treatment Strategy for Hypoplastic Left Heart Syndrome Based on the Cardiovascular Pathophysiology. <i>Nihon Shoni Junkanki Gakkai Zasshi = Pediatric Cardiology and Cardiac Surgery</i> , 2017, 33, 269-280.	0.0	0

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37	Diastolic Dysfunction in Congenital Heart Disease: Clinical Impact and Basic Evaluation. Nihon Shoni Junkanki Gakkai Zasshi = Pediatric Cardiology and Cardiac Surgery, 2016, 32, 277-290.	0.0	2
38	Mechanism of aortic root dilation and cardiovascular function in tetralogy of Fallot. Pediatrics International, 2016, 58, 323-330.	0.5	25
39	Ventricular fibrogenesis activity assessed by serum levels of procollagen type III N-terminal amino peptide during the staged Fontan procedure. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 1518-1526.	0.8	22
40	Vulnerability of Coronary Circulation After Norwood Operation. Annals of Thoracic Surgery, 2016, 101, 1544-1551.	1.3	10
41	Ventricular-vascular dynamics in pediatric patients with heart failure and preserved ejection fraction. International Journal of Cardiology, 2016, 225, 306-312.	1.7	13
42	Prevalence, implication, and determinants of worsening renal function after surgery for congenital heart disease. Heart and Vessels, 2016, 31, 1313-1318.	1.2	9
43	Novel mechanisms for cerebral blood flow regulation in patients with congenital heart disease. American Heart Journal, 2016, 172, 152-159.	2.7	18
44	Influence of Left Ventricular Stiffness on Hemodynamics in Patients With Untreated Atrial Septal Defects. Circulation Journal, 2015, 79, 1823-1827.	1.6	4
45	Clinical Evaluation of the Hemodynamic Effects of the High-Flow Nasal Cannula Therapy on the Fontan Circulation. Clinical Medicine Insights: Cardiology, 2015, 9, CMC.S26137.	1.8	6
46	Cystatin C and body surface area are major determinants of the ratio of N-terminal pro-brain natriuretic peptide to brain natriuretic peptide levels in children. Journal of Cardiology, 2015, 66, 175-180.	1.9	7
47	Arterial stiffness in patients after Kawasaki disease without coronary artery involvement: Assessment by performing brachial ankle pulse wave velocity and cardio-ankle vascular index. Journal of Cardiology, 2015, 66, 130-134.	1.9	22
48	Congenital Brain Tumor within the First 2 Months of Life. Pediatrics and Neonatology, 2015, 56, 369-375.	0.9	29
49	Tailored therapy for aggressive dilatation of systemic veins and arteries may result in improved long-term Fontan circulation. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 1367-1370.	0.8	20
50	Reply. Annals of Thoracic Surgery, 2014, 97, 1854-1855.	1.3	0
51	Aldosterone-Cortisol Imbalance Immediately After Fontan Operation With Implications for Abnormal Fluid Homeostasis. American Journal of Cardiology, 2014, 114, 1578-1583.	1.6	13
52	Assessment of ventricular relaxation and stiffness using early diastolic mitral annular and inflow velocities in pediatric patients with heart disease. Heart and Vessels, 2014, 29, 825-833.	1.2	13
53	Cerebral Circulation in Patients With Fontan Circulation: Assessment by Carotid Arterial Wave Intensity and Stiffness. Annals of Thoracic Surgery, 2014, 97, 1394-1399.	1.3	30
54	Left Atrial Volume Is Superior to the Ratio of the Left Atrium to Aorta Diameter for Assessment of the Severity of Patent Ductus Arteriosus in Extremely Low Birth Weight Infants. Circulation Journal, 2014, 78, 1701-1709.	1.6	11

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55	Report from the Japanese Society of Pediatric Cardiology and Cardiac Surgery Research Committee on Cardiovascular Function in Adult Patients with Congenital Heart Disease; Mechanism of Aortic Root Dilatation and Cardiovascular Function in Patients with Tetralogy of Fallot. <i>Nihon Shoni Junkanki Gakkai Zasshi = Pediatric Cardiology and Cardiac Surgery</i> , 2014, 30, 601-611.	0.0	0
56	Indomethacin for preterm infants with intracranial hemorrhage. <i>Pediatrics International</i> , 2013, 55, 124-126.	0.5	3
57	Pulmonary Arterial Wall Stiffness and Its Impact on Right Ventricular Afterload in Patients With Repaired Tetralogy of Fallot. <i>Annals of Thoracic Surgery</i> , 2013, 96, 1435-1441.	1.3	25
58	Impaired Cerebral Perfusion After Bilateral Pulmonary Arterial Banding in Patients With Hypoplastic Left Heart Syndrome. <i>Annals of Thoracic Surgery</i> , 2013, 96, 1382-1388.	1.3	18
59	$\beta_3$ -Adrenergic receptor antagonist improves exercise performance in pacing-induced heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H923-H930.	3.2	14
60	Preserved stroke volume late after tetralogy repair, despite severe right ventricular dilatation. <i>Heart</i> , 2013, 99, 1875.1-1875.	2.9	1
61	Heart Failure With Preserved Ejection Fraction in Children. <i>Circulation Journal</i> , 2013, 77, 2375-2382.	1.6	34
62	Usefulness of Cystatin C in the Postoperative Management of Pediatric Patients With Congenital Heart Disease. <i>Circulation Journal</i> , 2013, 77, 667-672.	1.6	4
63	Stenosis of a Reconstructed Aorta Caused a Paradoxical Diastolic Pressure Gradient after Norwood Operation. <i>Clinical Medicine Insights: Cardiology</i> , 2012, 6, CMC.S9789.	1.8	2
64	Effects of age on hemodynamic changes after transcatheter closure of atrial septal defect: importance of ventricular diastolic function. <i>Heart and Vessels</i> , 2012, 27, 71-78.	1.2	28
65	Left Ventricular Function in Adult Patients With Atrial Septal Defect: Implication for Development of Heart Failure After Transcatheter Closure. <i>Journal of Cardiac Failure</i> , 2011, 17, 957-963.	1.7	54
66	Respirophasic Variation of IVC Diameter in Mechanically Ventilated Patients With Cardiovascular Disease. <i>Circulation Journal</i> , 2011, 75, 1778.	1.6	0
67	Levosimendan restores the positive force-frequency relation in heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H488-H496.	3.2	8
68	Usefulness of Early Diastolic Mitral Annular Velocity to Predict Plasma Levels of Brain Natriuretic Peptide and Transient Heart Failure Development After Device Closure of Atrial Septal Defect. <i>American Journal of Cardiology</i> , 2009, 104, 1732-1736.	1.6	22
69	Successful Management of the Persistent Pulmonary Hypertension of the Newborn with Transposition of the Great Arteries by Restricted Patency of the Ductus Arteriosus: A Simple and Rational Novel Strategy. <i>Pediatric Cardiology</i> , 2009, 30, 1003-1005.	1.3	9
70	Relationship of Maximum Rate of Pressure Rise Between Aorta and Left Ventricle in Pediatric Patients Implication for Ventricular-Vascular Interaction With the Potential for Noninvasive Determination of Left Ventricular Contractility. <i>Circulation Journal</i> , 2009, 73, 1698-1704.	1.6	19
71	Successful Femoral Vessel Puncture Facilitated by Using a J-Tipped Hydrophilic Guidewire in Pediatric Cardiac Catheterization. <i>Pediatric Cardiology</i> , 2008, 29, 205-206.	1.3	1
72	Response to Letter Regarding Article, "Restrictive Left Ventricular Filling Pattern Does Not Result From Increased Left Atrial Pressure Alone". <i>Circulation</i> , 2008, 118, .	1.6	0

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73	Restrictive Left Ventricular Filling Pattern Does Not Result From Increased Left Atrial Pressure Alone. <i>Circulation</i> , 2008, 117, 1550-1554.	1.6	48
74	Orally Available Levosimendan Dose-Related Positive Inotropic and Lusitropic Effect in Conscious Chronically Instrumented Normal and Heart Failure Dogs. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 325, 236-247.	2.5	13