

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 | 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 |
| 2 | Restrictive Left Ventricular Filling Pattern Does Not Result From Increased Left Atrial Pressure Alone. <i>Circulation</i> , 2008, 117, 1550-1554. | 1.6 | 48 |
| 3 | Heart Failure With Preserved Ejection Fraction in Children. <i>Circulation Journal</i> , 2013, 77, 2375-2382. | 1.6 | 34 |
| 4 | Cerebral Circulation in Patients With Fontan Circulation: Assessment by Carotid Arterial Wave Intensity and Stiffness. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1394-1399. | 1.3 | 30 |
| 5 | Congenital Brain Tumor within the First 2 Months of Life. <i>Pediatrics and Neonatology</i> , 2015, 56, 369-375. | 0.9 | 29 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Mechanism of aortic root dilation and cardiovascular function in tetralogy of Fallot. <i>Pediatrics International</i> , 2016, 58, 323-330. | 0.5 | 25 |
| 10 | 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 |
| 11 | Arterial stiffness in patients after Kawasaki disease without coronary artery involvement: Assessment by performing brachial ankle pulse wave velocity and cardio-ankle vascular index. <i>Journal of Cardiology</i> , 2015, 66, 130-134. | 1.9 | 22 |
| 12 | Ventricular fibrogenesis activity assessed by serum levels of procollagen type III N-terminal amino peptide during the staged Fontan procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 1518-1526. | 0.8 | 22 |
| 13 | Tailored therapy for aggressive dilatation of systemic veins and arteries may result in improved long-term Fontan circulation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 1367-1370. | 0.8 | 20 |
| 14 | 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 |
| 15 | 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 |
| 16 | Novel mechanisms for cerebral blood flow regulation in patients with congenital heart disease. <i>American Heart Journal</i> , 2016, 172, 152-159. | 2.7 | 18 |
| 17 | Fenestration in the Fontan circulation as a strategy for chronic cardioprotection. <i>Heart</i> , 2019, 105, 1266-1272. | 2.9 | 15 |
| 18 | β -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 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | Aldosterone-Cortisol Imbalance Immediately After Fontan Operation With Implications for Abnormal Fluid Homeostasis. <i>American Journal of Cardiology</i> , 2014, 114, 1578-1583. | 1.6 | 13 |
| 21 | Assessment of ventricular relaxation and stiffness using early diastolic mitral annular and inflow velocities in pediatric patients with heart disease. <i>Heart and Vessels</i> , 2014, 29, 825-833. | 1.2 | 13 |
| 22 | Ventricular-vascular dynamics in pediatric patients with heart failure and preserved ejection fraction. <i>International Journal of Cardiology</i> , 2016, 225, 306-312. | 1.7 | 13 |
| 23 | 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. <i>Circulation Journal</i> , 2014, 78, 1701-1709. | 1.6 | 11 |
| 24 | Thyroid Function in Patients With a Fontan Circulation. <i>American Journal of Cardiology</i> , 2019, 123, 979-983. | 1.6 | 11 |
| 25 | Vulnerability of Coronary Circulation After Norwood Operation. <i>Annals of Thoracic Surgery</i> , 2016, 101, 1544-1551. | 1.3 | 10 |
| 26 | 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 |
| 27 | First Pediatric Case of Infective Endocarditis Caused by <i>Serratia Liquefaciens</i> . <i>International Heart Journal</i> , 2018, 59, 1485-1487. | 1.0 | 10 |
| 28 | 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 |
| 29 | 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 |
| 30 | Prevalence, implication, and determinants of worsening renal function after surgery for congenital heart disease. <i>Heart and Vessels</i> , 2016, 31, 1313-1318. | 1.2 | 9 |
| 31 | Importance of dynamic central venous pressure in Fontan circulation. <i>Heart and Vessels</i> , 2018, 33, 664-670. | 1.2 | 9 |
| 32 | 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 |
| 33 | 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. <i>Journal of Cardiology</i> , 2015, 66, 175-180. | 1.9 | 7 |
| 34 | Clinical Evaluation of the Hemodynamic Effects of the High-Flow Nasal Cannula Therapy on the Fontan Circulation. <i>Clinical Medicine Insights: Cardiology</i> , 2015, 9, CMC.S26137. | 1.8 | 6 |
| 35 | 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 |
| 36 | Influence of Left Ventricular Stiffness on Hemodynamics in Patients With Untreated Atrial Septal Defects. <i>Circulation Journal</i> , 2015, 79, 1823-1827. | 1.6 | 4 |

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|----|--|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | Indomethacin for preterm infants with intracranial hemorrhage. <i>Pediatrics International</i> , 2013, 55, 124-126. | 0.5 | 3 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | Diastolic Dysfunction in Congenital Heart Disease: Clinical Impact and Basic Evaluation. <i>Nihon Shoni Junkanki Gakkai Zasshi = Pediatric Cardiology and Cardiac Surgery</i> , 2016, 32, 277-290. | 0.0 | 2 |
| 45 | 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 |
| 46 | 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 |
| 47 | Isolated abdominal aortic tortuosity diagnosed by fetal echocardiography. <i>Journal of Echocardiography</i> , 2021, 19, 60-62. | 0.8 | 2 |
| 48 | 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 |
| 49 | Basilar Artery Dissection Complicated with Infective Endocarditis. <i>International Heart Journal</i> , 2021, 62, 216-219. | 1.0 | 2 |
| 50 | 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 |
| 51 | 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 |
| 52 | 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 |
| 53 | Preserved stroke volume late after tetralogy repair, despite severe right ventricular dilatation. <i>Heart</i> , 2013, 99, 1875.1-1875. | 2.9 | 1 |
| 54 | Spontaneous regression of severe aortic coarctation in trisomy 18. <i>Cardiology in the Young</i> , 2018, 28, 771-772. | 0.8 | 1 |

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|----|---|-----|-----------|
| 55 | 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 |
| 56 | 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 |
| 57 | Activin A – A Potentially Useful Biomarker of Diastolic Dysfunction –. <i>Circulation Journal</i> , 2019, 83, 1443-1445. | 1.6 | 1 |
| 58 | Modified underlying cardiac disease severity in twin-twin transfusion syndrome. <i>Annals of Pediatric Cardiology</i> , 2019, 12, 336. | 0.5 | 1 |
| 59 | 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 |
| 60 | Respirophasic Variation of IVC Diameter in Mechanically Ventilated Patients With Cardiovascular Disease. <i>Circulation Journal</i> , 2011, 75, 1778. | 1.6 | 0 |
| 61 | Reply. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1854-1855. | 1.3 | 0 |
| 62 | 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 |
| 63 | Blood reservoir function in patients with Fontan circulation and asplenia syndrome. <i>Cardiology in the Young</i> , 2019, 29, 1016-1019. | 0.8 | 0 |
| 64 | 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 |
| 65 | Is ibuprofen superior to indomethacin for patent ductus arteriosus in Japanese preterm infants?. <i>Pediatrics International</i> , 2021, 63, 929-934. | 0.5 | 0 |
| 66 | Child with Kawasaki Disease Complicated by A Single Right Coronary Artery. <i>Clinical Medicine Insights: Cardiology</i> , 2021, 15, 117954682110107. | 1.8 | 0 |
| 67 | 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 |
| 68 | 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 |
| 69 | 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 Dilation 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 |
| 70 | Report from the Japanese Society of Pediatric Cardiology and Cardiac Surgery Research Committee on Cardiovascular 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 |
| 71 | 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 |
| 72 | 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 |

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|----|--|-----|-----------|
| 73 | Protective factors that maintain asymptomatic longevity in untreated congenitally corrected transposition of great arteries. <i>CJC Open</i> , 2021, 4, 355. | 1.5 | 0 |
| 74 | 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 |