Joseph J Vettukattil Mbbs

List of Publications by Year
in descending order

63 papers	929 citations	471371 17 h-index	501076 28 g-index
64 all docs	64 docs citations	64 times ranked	1103 citing authors

#	Article	IF	Citations
1	Integration of Computed Tomography and Three-Dimensional Echocardiography for Hybrid Three-Dimensional Printing in Congenital Heart Disease. Journal of Digital Imaging, 2016, 29, 665-669.	1.6	85
2	Atrial septostomy with a predefined diameter using a novel occlutech atrial flow regulator improves symptoms and cardiac index in patients with severe pulmonary arterial hypertension. Catheterization and Cardiovascular Interventions, 2017, 90, 1145-1153.	0.7	54
3	Ultrasound-Derived Three-Dimensional Printing in Congenital Heart Disease. Journal of Digital Imaging, 2015, 28, 459-461.	1.6	53
4	Hybrid 3D printing: a game-changer in personalized cardiac medicine?. Expert Review of Cardiovascular Therapy, 2015, 13, 1281-1284.	0.6	53
5	Multiplanar review of three-dimensional echocardiography gives new insights into the morphology of Ebsteinâ€™s malformation. Cardiology in the Young, 2010, 20, 49-53.	0.4	44
6	Morphology and Morphogenesis of Atrioventricular Septal Defect With Common Atrioventricular Junction. World Journal for Pediatric & Congenital Heart Surgery, 2010, 1, 59-67.	0.3	44
7	Exercise-Induced Systemic Venous Hypertension in the Fontan Circulation. American Journal of Cardiology, 2016, 117, 1667-1671.	0.7	44
8	Defining Ebstein's malformation using three-dimensional echocardiography. Interactive Cardiovascular and Thoracic Surgery, 2007, 6, 685-690.	0.5	41
9	Impact of Multiplanar Review of Three-Dimensional Echocardiographic Data on Management of Congenital Heart Disease. Annals of Thoracic Surgery, 2008, 86, 875-881.	0.7	36
10	Correction of sinus venosus atrial septal defects with the 10 zig covered Cheathamâ€platinum stent â€“ An international registry. Catheterization and Cardiovascular Interventions, 2021, 98, 128-136.	0.7	36
11	Multiplanar review analysis of three-dimensional echocardiographic datasets gives new insights into the morphology of subaortic stenosis. European Journal of Echocardiography, 2008, 9, 614-620.	2.3	33
12	Regression of massive cardiac rhabdomyoma on everolimus therapy. Pediatrics International, 2016, 58, 397-399.	0.2	32
13	Correlations with operative anatomy of real time three-dimensional echocardiographic imaging of congenital aortic valvar stenosis. Cardiology in the Young, 2006, 16, 490-494.	0.4	29
14	Acute myocardial infarction in the neonatal period. Cardiology in the Young, 2002, 12, 411-413.	0.4	26
15	The Angle of the Components of the Common Atrioventricular Valve Predicts the Outcome of Surgical Correction in Patients With Atrioventricular Septal Defect and Common Atrioventricular Junction. Journal of the American Society of Echocardiography, 2008, 21, 1099-1104.	1.2	25
16	Tissue motion annular displacement of the mitral valve using two-dimensional speckle tracking echocardiography predicts the left ventricular ejection fraction in normal children. Cardiology in the Young, 2014, 24, 640-648.	0.4	22
17	Surgical Treatment of Neonate With Congenital Left Main Coronary Artery Atresia. Annals of Thoracic Surgery, 2016, 101, 352-355.	0.7	19
18	Primary Biventricular Repair of Atrioventricular Septal Defects: An Analysis of Reoperations. Annals of Thoracic Surgery, 2010, 90, 830-837.	0.7	18

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19	3D printing in cardiology: A review of applications and roles for advanced cardiac imaging. Annals of 3D Printed Medicine, 2021, 4, 100034.	1.6	15
20	Atrial Septal Defectâ€“Associated Pulmonary Hypertension: Outcomes of Closure With a Fenestrated Device. Advances in Pulmonary Hypertension, 2019, 18, 4-9.	0.1	14
21	Thrombosis in Fontan patient on apixaban. International Journal of Cardiology, 2015, 182, 66-67.	0.8	13
22	Threeâ€dimensional printing for surgical planning in complex congenital heart disease. Journal of Cardiac Surgery, 2019, 34, 1363-1369.	0.3	13
23	Pathophysiology of Patent Ductus Arteriosus in the Preterm Infant. Current Pediatric Reviews, 2016, 12, 120-122.	0.4	12
24	Moving beyond two-dimensional screens to interactive three-dimensional visualization in congenital heart disease. International Journal of Cardiovascular Imaging, 2020, 36, 1567-1573.	0.7	10
25	Is the Hepatic Factor a miRNA that Maintains the Integrity of Pulmonary Microvasculature by Inhibiting the Vascular Endothelial Growth Factor?. Current Cardiology Reviews, 2017, 13, 244-250.	0.6	10
26	mRNA Coronavirus Disease 2019 Vaccine-Associated MyopericarditisÂinÂAdolescents: A Survey Study. Journal of Pediatrics, 2022, 243, 208-213.e3.	0.9	10
27	Pulmonary Arteriovenous Malformations in Dyskeratosis Congenita. Pediatric Dermatology, 2015, 32, e165-6.	0.5	9
28	Trends in the offâ€label use of Î²â€blockers in pediatric patients. Pediatrics International, 2019, 61, 1071-1080.	0.2	9
29	A multiplanar three dimensional echocardiographic study of mitral valvar annular function in children with normal and regurgitant valves. Cardiology in the Young, 2008, 18, 379-385.	0.4	8
30	Transcatheter Intervention in Cor Triatriatum Sinister. Canadian Journal of Cardiology, 2015, 31, 819.e3-819.e4.	0.8	8
31	Atrioventricular Septal Defects: Pathology, Imaging, and Treatment Options. Current Cardiology Reports, 2021, 23, 93.	1.3	8
32	The angulation of the septal structures impacts ventricular imbalance in atrioventricular septal defects with a common atrioventricular junction. Cardiology in the Young, 2016, 26, 321-326.	0.4	7
33	Testicular swelling with pneumonia and septicaemia: a rare presentation of right-sided endocarditis. Cardiology in the Young, 2005, 15, 532-533.	0.4	6
34	Aortopulmonary Collaterals in Single Ventricle Physiology: Variation in Understanding Occlusion Practice Among Interventional Cardiologists. Pediatric Cardiology, 2020, 41, 1608-1616.	0.6	6
35	Esmolol-Assisted Balloon and Stent Angioplasty for Aortic Coarctation. Pediatric Cardiology, 2006, 27, 460-464.	0.6	5
36	Intracoronary recombinant tissue plasminogen activator in an infant with hypoplastic left heart syndrome and complete left main coronary artery thrombosis. Catheterization and Cardiovascular Interventions, 2019, 93, E381-E384.	0.7	5

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37	Transcatheter Fontan completion using novel balloon and stent system. Catheterization and Cardiovascular Interventions, 2021, 97, 679-684.	0.7	5
38	Planned reduction in Fontan fenestration size using the Atrial Flow Regulator. Cardiology in the Young, 2021, 31, 1690-1692.	0.4	5
39	Endothelin-1 in the rat bile duct ligation model of hepatopulmonary syndrome: correlation with pulmonary dysfunction. Journal of Hepatology, 1999, 31, 192-193.	1.8	4
40	Obstructed hemianomalous pulmonary venous drainage: is intervention necessary?. Annals of Thoracic Surgery, 2002, 74, 1238-1240.	0.7	4
41	Editorial (Thematic Issue: Patent Ductus Arteriosus in Extremely Premature Neonates). Current Pediatric Reviews, 2016, 12, 78-82.	0.4	4
42	Biventricular Repair of Pulmonary Atresia After Fontan Palliation. Annals of Thoracic Surgery, 2016, 101, 1574-1576.	0.7	4
43	Pulmonary arteriovenous malformations leading to hypoxemia in child with primary ciliary dyskinesia. Pediatric Pulmonology, 2019, 54, E7-E9.	1.0	4
44	Catheter-induced acute Blalockâ€“Taussig shunt thrombosis and bailout. Cardiology in the Young, 2020, 30, 1512-1514.	0.4	4
45	Intrapericardial giant left atrial appendage. Cardiology in the Young, 2004, 14, 338-340.	0.4	3
46	Fluoroless catheter ablation of intraatrial reentrant tachycardia status post Fontan procedure. International Journal of Cardiology, 2015, 201, 126-128.	0.8	3
47	Determination of the Frequency of Right and Left Internal Mammary Artery Embolization in Single Ventricle Patients: A Two-Center Study. Pediatric Cardiology, 2018, 39, 1657-1662.	0.6	3
48	Subclinical atherosclerosis in patients with cyanotic congenital heart disease. International Journal of Cardiology, 2019, 282, 44.	0.8	3
49	Left Ventricular Pseudoaneurysm Following Surgical Repair of Ventricular Septal Defect in an Infant. Pediatric Cardiology, 2019, 40, 1097-1100.	0.6	3
50	Rapid Prototyping and Image Fusion Guidance for Transcatheter Closure of Superior Sinus Venosus Atrial Septal Defect. SN Comprehensive Clinical Medicine, 2019, 1, 996-1000.	0.3	3
51	Target Oxygen Levels and Critical Care of the Newborn. Current Pediatric Reviews, 2020, 16, 2-5.	0.4	3
52	Restoring Anterior Leaflet Continuity: The Spinnaker Repair of Ebstein's Anomaly. Annals of Thoracic Surgery, 2011, 92, 752-754.	0.7	2
53	Postpartum Pulmonary Embolism in a Patient With Fontan Circulation. World Journal for Pediatric & Congenital Heart Surgery, 2015, 6, 317-319.	0.3	2
54	Stenting and Reimplanting Disconnected Pulmonary Artery in Tetralogy of Fallot. Annals of Thoracic Surgery, 2017, 104, e75-e77.	0.7	2

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55	Emergency Use of OcclutechÂ® Atrial Flow Regulator Device Facilitates Weaning From Veno-Arterial Extracorporeal Membrane Oxygenation in a Patient With Severe Pulmonary Arterial Hypertension. Journal of Intensive Care Medicine, 2021, 36, 726-728.	1.3	2
56	Absent pericardium: at risk for endocarditis?. Cardiology in the Young, 2006, 16, 182-183.	0.4	1
57	Methylenetetrahydrofolate Reductase C677T. World Journal for Pediatric & Congenital Heart Surgery, 2015, 6, 643-645.	0.3	1
58	Creation of a 3D Printed Model: From Virtual to Physical. , 2017, , 9-19.		1
59	Hybrid Approach to Right Ventricle Decompression in Muscular Pulmonary Atresia with Intact Ventricular Septum. Pediatric Cardiology, 2020, 41, 1238-1241.	0.6	1
60	Intermittent complete closure of the arterial duct. Cardiology in the Young, 2000, 10, 156-157.	0.4	0
61	ORAL SILDENAFIL FACILITATES WEANING OF INHALED NITRIC OXIDE IN INFANTS WITH PULMONARY HYPERTENSION FOLLOWING CARDIAC SURGERY. Pediatric Critical Care Medicine, 2005, 6, 390.	0.2	0
62	Management of 760-g Extremely Premature Infant With Dextro-Transposition of the Great Arteries. World Journal for Pediatric & Congenital Heart Surgery, 2020, 11, 518-519.	0.3	0
63	Concerns Regarding the Expanded Use of the One-Step Technique for Simultaneous Landing Zone Stenting and Placement of the Melody Transcatheter Pulmonary Valve.. Journal of Invasive Cardiology, 2022, 34, E249-E250.	0.4	0