

# Hitendu Dave

## List of Publications by Year in descending order

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98  
papers

2,064  
citations

279487

23  
h-index

264894

42  
g-index

99  
all docs

99  
docs citations

99  
times ranked

2255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Remodelling of the right ventricle after early pulmonary valve replacement in children with repaired tetralogy of Fallot: assessment by cardiovascular magnetic resonance. <i>European Heart Journal</i> , 2005, 26, 2721-2727.	1.0	291
2	Modified Blalock Taussig shunt: a not-so-simple palliative procedure. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, 1096-1102.	0.6	99
3	Severe Congenital Heart Defects Are Associated with Global Reduction of Neonatal Brain Volumes. <i>Journal of Pediatrics</i> , 2015, 167, 1259-1263.e1.	0.9	99
4	Early Insertion of a Pulmonary Valve for Chronic Regurgitation Helps Restoration of Ventricular Dimensions. <i>Annals of Thoracic Surgery</i> , 2005, 80, 1615-1621.	0.7	90
5	Intraoperative radiofrequency microbipolar coagulation to replace incisions of maze III procedure for correcting atrial fibrillation in patients with rheumatic valvular disease. <i>European Journal of Cardio-thoracic Surgery</i> , 1997, 12, 627-633.	0.6	88
6	Computational simulation of intracoronary flow based on real coronary geometry. <i>European Journal of Cardio-thoracic Surgery</i> , 2004, 26, 248-256.	0.6	73
7	Neurodevelopmental Profiles of Children with Congenital Heart Disease at School Age. <i>Journal of Pediatrics</i> , 2017, 188, 75-81.	0.9	59
8	Emergency stent-graft placement for hemorrhage control in acute thoracic aortic rupture. <i>European Journal of Cardio-thoracic Surgery</i> , 2004, 25, 1032-1038.	0.6	55
9	Right axillary incision: A cosmetically superior approach to repair a wide range of congenital cardiac defects. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005, 130, 277-281.	0.4	53
10	Cerebral lesions on magnetic resonance imaging correlate with preoperative neurological status in neonates undergoing cardiopulmonary bypass surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 45, 625-632.	0.6	53
11	Hybrid approach for hypoplastic left heart syndrome and its variants: the fate of the pulmonary arteries. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 14-19.	0.6	51
12	Comparison of surgical and interventional therapy of native and recurrent aortic coarctation regarding different age groups during childhood. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 39, 898-904.	0.6	50
13	Left heart atrial and ventricular epicardial pacing through a left lateral thoracotomy in children: a safe approach with excellent functional and cosmetic results. <i>European Journal of Cardio-thoracic Surgery</i> , 2005, 28, 541-545.	0.6	48
14	Mid-term results of right axillary incision for the repair of a wide range of congenital cardiac defects. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 35, 864-870.	0.6	46
15	Tricuspidisation of the aortic valve with creation of a crown-like annulus is able to restore a normal valve function in bicuspid aortic valves. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 29, 1001-1006.	0.6	43
16	Risk Factor Analysis of 170 Single-Institutional Contegra Implantations in Pulmonary Position. <i>Annals of Thoracic Surgery</i> , 2011, 91, 195-203.	0.7	43
17	Trajectory of coronary motion and its significance in robotic motion cancellation. <i>European Journal of Cardio-thoracic Surgery</i> , 2004, 25, 786-790.	0.6	40
18	Brain Natriuretic Peptide and Magnetic Resonance Imaging in Tetralogy With Right Ventricular Dilatation. <i>Annals of Thoracic Surgery</i> , 2006, 82, 983-988.	0.7	39

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19	Formation of a stenotic fibrotic membrane at the distal anastomosis of bovine jugular vein grafts (Contegra) after right ventricular outflow tract reconstruction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004, 127, 285-286.	0.4	36
20	In the Footsteps of Senning: Lessons Learned From Atrial Repair of Transposition of the Great Arteries. <i>Annals of Thoracic Surgery</i> , 2005, 79, 1433-1444.	0.7	35
21	Postoperative brain volumes are associated with one-year neurodevelopmental outcome in children with severe congenital heart disease. <i>Scientific Reports</i> , 2019, 9, 10885.	1.6	35
22	Prevention of Low Cardiac Output Syndrome After Pediatric Cardiac Surgery: A Double-Blind Randomized Clinical Pilot Study Comparing Dobutamine and Milrinone*. <i>Pediatric Critical Care Medicine</i> , 2018, 19, 619-625.	0.2	31
23	Early Results of the Bovine Jugular Vein Graft Used for Reconstruction of the Right Ventricular Outflow Tract. <i>Annals of Thoracic Surgery</i> , 2005, 79, 618-624.	0.7	24
24	Simplified surgical-hybrid Melody <sup>®</sup> valve implantation for paediatric mitral valve disease: Figure 1:. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, 926-928.	0.6	24
25	Magnetic resonance imaging of patients with epicardial leads: in vitro evaluation of temperature changes at the lead tip. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2019, 56, 321-326.	0.6	24
26	Extracorporeal membrane oxygenation support in pediatrics. <i>Annals of Cardiothoracic Surgery</i> , 2019, 8, 109-115.	0.6	24
27	Acute Chemotherapy-Induced Cardiomyopathy Treated with Intracorporeal Left Ventricular Assist Device in an 8-Year-Old Child. <i>ASAIO Journal</i> , 2013, 59, 520-522.	0.9	22
28	Congenital aortic valve repair using CorMatrix <sup>®</sup> : A histologic evaluation. <i>Xenotransplantation</i> , 2017, 24, e12341.	1.6	19
29	Closure of coronary artery fistula in childhood: treatment techniques and long-term follow-up. <i>Clinical Research in Cardiology</i> , 2017, 106, 211-218.	1.5	19
30	Primary correction of total anomalous pulmonary venous return with a modified sutureless technique. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 43, 635-640.	0.6	17
31	Clinical Course and Interstage Monitoring After the Norwood and Hybrid Procedures for Hypoplastic Left Heart Syndrome. <i>Pediatric Cardiology</i> , 2014, 35, 851-856.	0.6	17
32	Management and outcome of Ebstein's anomaly in children. <i>Cardiology in the Young</i> , 2013, 23, 27-34.	0.4	16
33	Role of sevoflurane in organ protection during cardiac surgery in children: a randomized controlled trial. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015, 20, 157-165.	0.5	16
34	Neurodevelopmental Outcome of Children with Hypoplastic Left Heart Syndrome at One and Four Years of Age Comparing Hybrid and Norwood Procedure. <i>Annals of Thoracic and Cardiovascular Surgery</i> , 2016, 22, 375-377.	0.3	16
35	Long-term outcome of epicardial implantable cardioverter-defibrillator systems in children: results justify its preference in paediatric patients. <i>Europace</i> , 2018, 20, 1484-1490.	0.7	16
36	Recycling of the Pulmonary Valve: An Elegant Solution for Secondary Pulmonary Regurgitation in Patients With Tetralogy of Fallot. <i>Annals of Thoracic Surgery</i> , 2012, 94, 850-852.	0.7	15

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37	Pediatric heart transplantation. Journal of Thoracic Disease, 2015, 7, 552-9.	0.6	15
38	Direct closure of the septum primum in atrioventricular canal defects. Journal of Thoracic and Cardiovascular Surgery, 2004, 127, 1678-1681.	0.4	14
39	Psychosocial impact on families with an infant with a hypoplastic left heart syndrome during and after the interstage monitoring period – a prospective mixed-method study. Journal of Clinical Nursing, 2017, 26, 3363-3370.	1.4	14
40	Anatomic reconstruction of recurrent aortic arch obstruction in children. European Journal of Cardio-thoracic Surgery, 2004, 26, 60-65.	0.6	13
41	Growth and Intellectual Abilities of Six-Year-Old Children with Congenital Heart Disease. Journal of Pediatrics, 2019, 204, 24-30.e10.	0.9	13
42	A Valveless Pulsatile Pump for the Treatment of Heart Failure with Preserved Ejection Fraction: A Simulation Study. Cardiovascular Engineering and Technology, 2019, 10, 69-79.	0.7	13
43	Inferior Partial Sternotomy for Surgical Closure of Isolated Ventricular Septal Defects in Children. Heart Surgery Forum, 2004, 7, E467-E470.	0.2	13
44	Biventricular Intracorporeal Ventricular Assist Device in a 10-year-old Child. International Journal of Artificial Organs, 2016, 39, 48-50.	0.7	12
45	Closure of Restrictive Ventricular Septal Defects through a Right Axillary Thoracotomy. Heart Surgery Forum, 2006, 9, E836-E839.	0.2	12
46	Early results of using the bovine jugular vein for right ventricular outflow reconstruction during the Ross procedure. Heart Surgery Forum, 2003, 6, 390-2.	0.2	11
47	5-Year results from the prospective European multi-centre study on decellularized homografts for pulmonary valve replacement ESPOIR Trial and ESPOIR Registry data. European Journal of Cardio-thoracic Surgery, 2022, 62, .	0.6	10
48	Muscle-Sparing Extrapleural Approach for the Repair of Aortic Coarctation. Annals of Thoracic Surgery, 2006, 81, 243-248.	0.7	9
49	Abnormal Interhemispheric Connectivity in Neonates with D-Transposition of the Great Arteries Undergoing Cardiopulmonary Bypass Surgery. American Journal of Neuroradiology, 2013, 34, 634-640.	1.2	9
50	Prenatal diagnosis of aorto-left ventricular tunnel: introducing the “cockade sign”. European Heart Journal, 2015, 36, 1136-1136.	1.0	9
51	Transthoracic intracardiac catheters in pediatric cardiac patients: A single-center experience. Paediatric Anaesthesia, 2017, 27, 918-926.	0.6	9
52	Aortopulmonary collaterals in neonates with d-transposition of the great arteries – Clinical significance early after arterial switch operation. International Journal of Cardiology, 2018, 258, 237-242.	0.8	9
53	Melody valve to replace the mitral valve in small children: Lessons learned. Annals of Pediatric Cardiology, 2021, 14, 35.	0.2	9
54	Somatic growth in children with congenital heart disease at 10 years of age: Risk factors and longitudinal growth. Early Human Development, 2021, 156, 105349.	0.8	8

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55	Aortic arch enlargement and coarctation repair through a left thoracotomy: significance of ductal perfusion. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 41, 906-912.	0.6	7
56	Modified Blalock-Taussig shunt: simple but unpredictable. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 178-179.	0.6	7
57	Cardiac transplantation in a neonate-First case in Switzerland and European overview. <i>Clinical Transplantation</i> , 2017, 31, e12935.	0.8	7
58	Pacemaker Implantation in Neonates and Infants: Favorable Outcomes with Epicardial Pacing Systems. <i>Pediatric Cardiology</i> , 2020, 41, 910-917.	0.6	7
59	Paediatric ventricular assist devices: current achievements. <i>Swiss Medical Weekly</i> , 2013, 143, w13804.	0.8	7
60	Overlapping annuloplasty of the mitral valve in children. <i>Annals of Thoracic Surgery</i> , 2004, 77, 1857-1859.	0.7	6
61	Modified Technique for Heterotopic Implantation of a Right Ventricular Outflow Tract Conduit. <i>Annals of Thoracic Surgery</i> , 2006, 81, 2321-2323.	0.7	6
62	Postoperative arrhythmia in patients with bidirectional cavopulmonary anastomosis. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 45, 620-624.	0.6	6
63	Dilatation and Dysfunction of the Neo-aortic Root and in 76 Patients After the Ross Procedure. <i>Pediatric Cardiology</i> , 2016, 37, 1175-1183.	0.6	6
64	Establishing a pre-clinical growing animal model to test a tissue engineered valved pulmonary conduit. <i>Journal of Thoracic Disease</i> , 2020, 12, 1070-1078.	0.6	6
65	Novel Combination of Surface Markers for the Reliable and Comprehensive Identification of Human Thymic Epithelial Cells by Flow Cytometry: Quantitation and Transcriptional Characterization of Thymic Stroma in a Pediatric Cohort. <i>Frontiers in Immunology</i> , 2021, 12, 740047.	2.2	6
66	A new method to fenestrate the Fontan circulation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 144, 273-275.	0.4	5
67	Strategic and operational aspects of a transfusion-free neonatal arterial switch operation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013, 16, 890-891.	0.5	5
68	Risk factor analysis for a complicated postoperative course after neonatal arterial switch operation: The role of troponin T. <i>Congenital Heart Disease</i> , 2018, 13, 594-601.	0.0	5
69	Approaches to Establish Extracardiac Total Cavopulmonary Connections in Animal Models—A Review. <i>World Journal for Pediatric &amp; Congenital Heart Surgery</i> , 2019, 10, 81-89.	0.3	5
70	Mid-term follow-up of interventional closure of atrial septal defect using Solysafe®, Septal Occluder—Impact of standardized fluoroscopy for complication detection. <i>International Journal of Cardiology</i> , 2011, 152, 127-128.	0.8	4
71	Realignment of the ventricular septum using partial direct closure of the ventricular septal defect in Tetralogy of Fallot. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 40, 1016-9.	0.6	4
72	Mid-term Outcome of 100 Consecutive Ross Procedures: Excellent Survival, But Yet to Be a Cure. <i>Pediatric Cardiology</i> , 2018, 39, 595-603.	0.6	4

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73	Dysphagia and an aberrant subclavian artery: more than just a coincidence. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 31, 228-231.	0.5	4
74	Serum lactate at 24 hours is associated with outcome in children requiring extracorporeal membrane oxygenation for pulmonary causes – a retrospective, observational study. <i>Swiss Medical Weekly</i> , 2020, 150, w20358.	0.8	4
75	Effectiveness of Balloon Angioplasty in Children With Recurrent Aortic Coarctation Depends on the Type of Aortic Arch Pathology. <i>Journal of Interventional Cardiology</i> , 2016, 29, 414-423.	0.5	3
76	Cylinder mitral and tricuspid valve replacement in neonates and small children. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 964-968.	0.6	3
77	Prognostic value of troponin in infants with hypoplastic left heart syndrome between Stage I and II of palliation. <i>Annals of Pediatric Cardiology</i> , 2018, 11, 56.	0.2	3
78	Cerebral desaturation during neonatal congenital heart surgery is associated with perioperative brain structure alterations but not with neurodevelopmental outcome at 1 year. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	3
79	Surgical technique: establishing a pre-clinical large animal model to test aortic valve leaflet substitute. <i>Journal of Thoracic Disease</i> , 2016, 8, 3733-3738.	0.6	2
80	Single coronary artery arising from an atretic pulmonary trunk. <i>Asian Cardiovascular and Thoracic Annals</i> , 2021, 29, 327-329.	0.2	2
81	Congenital atresia of the left main coronary artery: management of a 5-year-old child in extremis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 32, 497-498.	0.5	2
82	Early Results of Balloon Dilatation of the Stenotic Bovine Jugular Vein Graft in the Right Ventricular Outflow Tract in Children. <i>Journal of Interventional Cardiology</i> , 2008, 21, 265-272.	0.5	1
83	Heart with a trunk: form fruste of Cantrell's Syndrome. <i>European Heart Journal</i> , 2011, 32, 123-123.	1.0	1
84	Impact of Chest X-Ray Before Discharge in Asymptomatic Children After Cardiac Surgery – Prospective Evaluation. <i>Pediatric Cardiology</i> , 2013, 34, 155-158.	0.6	1
85	Surgical recycling of a percutaneously implanted Melody valve. <i>European Heart Journal</i> , 2013, 34, 21-21.	1.0	1
86	Does superior caval vein pressure impact head growth in Fontan circulation?. <i>Cardiology in the Young</i> , 2016, 26, 1327-1332.	0.4	1
87	Newborn girl with coarctation of the aorta and anomalous left coronary artery from pulmonary artery, with retrograde perfusion of left circumflex artery: a case report. <i>European Heart Journal - Case Reports</i> , 2019, 3, 1-4.	0.3	1
88	Simple Technique to Quickly Access a RV-PA Shunt During the Second Stage of the Norwood-Fontan Pathway. <i>Annals of Thoracic Surgery</i> , 2006, 81, 1148-1149.	0.7	0
89	Corrigendum to “Comparison of surgical and interventional therapy of native and recurrent aortic coarctation regarding different age groups during childhood” [Eur. J. Cardiothorac. Surg. 39 (2011) 898-904]. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 40, 1035-1035.	0.6	0
90	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2012, 93, 640.	0.7	0

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91	Invited Commentary. Annals of Thoracic Surgery, 2017, 103, 204-205.	0.7	0
92	Significance of preoperative imaging in children with total anomalous pulmonary venous connection. European Heart Journal, 2017, 38, 2040-2040.	1.0	0
93	Muscle-sparing aortic coarctation repair. JTCVS Techniques, 2020, 3, 249-256.	0.2	0
94	Response from the authors to the letter to editor (MVR in infants). Annals of Pediatric Cardiology, 2021, 14, 249.	0.2	0
95	Comparing acute and long-term outcome of critical neonatal native aortic coarctation treated by combined stent-surgery approach or by primary surgery. International Journal of Cardiology Congenital Heart Disease, 2021, 4, 100170.	0.2	0
96	Cardiovascular Haemodynamic Simulations of Anatomically Accurate Coronaries. , 2003, , .		0
97	Two-stage repair of interrupted aortic arch type A: Arch reconstruction and pulmonary artery banding without CPB through a left thoracotomy. , 2020, 2020, .		0
98	Repair of a remote pericommissural anomalous left coronary artery from the pulmonary artery. , 2022, 2022, .		0