

Hitendu Dave

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

2,064
citations

279798
23
h-index

265206
42
g-index

99
all docs

99
docs citations

99
times ranked

2255
citing authors

#	ARTICLE	IF	CITATIONS
1	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, .	1.4	10
2	Cerebral desaturation during neonatal congenital heart surgery is associated with perioperative brain structure alterations but not with neurodevelopmental outcome at 1 year. European Journal of Cardio-thoracic Surgery, 2022, 62, .	1.4	3
3	Repair of a remote pericommissural anomalous left coronary artery from the pulmonary artery. , 2022, 2022, .		0
4	Single coronary artery arising from an atretic pulmonary trunk. Asian Cardiovascular and Thoracic Annals, 2021, 29, 327-329.	0.5	2
5	Melody valve to replace the mitral valve in small children: Lessons learned. Annals of Pediatric Cardiology, 2021, 14, 35.	0.5	9
6	Response from the authors to the letter to editor (MVR in infants). Annals of Pediatric Cardiology, 2021, 14, 249.	0.5	0
7	Somatic growth in children with congenital heart disease at 10Âyears of age: Risk factors and longitudinal growth. Early Human Development, 2021, 156, 105349.	1.8	8
8	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.	0.4	0
9	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. Frontiers in Immunology, 2021, 12, 740047.	4.8	6
10	Congenital atresia of the left main coronary artery: management of a 5-year-old child in extremis. Interactive Cardiovascular and Thoracic Surgery, 2021, 32, 497-498.	1.1	2
11	Muscle-sparing aortic coarctation repair. JTCVS Techniques, 2020, 3, 249-256.	0.4	0
12	Cylinder mitral and tricuspid valve replacement in neonates and small children. European Journal of Cardio-thoracic Surgery, 2020, 58, 964-968.	1.4	3
13	Dysphagia and an aberrant subclavian artery: more than just a coincidence. Interactive Cardiovascular and Thoracic Surgery, 2020, 31, 228-231.	1.1	4
14	Pacemaker Implantation in Neonates and Infants: Favorable Outcomes with Epicardial Pacing Systems. Pediatric Cardiology, 2020, 41, 910-917.	1.3	7
15	Establishing a pre-clinical growing animal model to test a tissue engineered valved pulmonary conduit. Journal of Thoracic Disease, 2020, 12, 1070-1078.	1.4	6
16	Two-stage repair of interrupted aortic arch type A: Arch reconstruction and pulmonary artery banding without CPB through a left thoracotomy. , 2020, 2020, .		0
17	Serum lactate at 24 hours is associated with outcome in children requiring extracorporeal membrane oxygenation for pulmonary causes â€“ a retrospective, observational study. Swiss Medical Weekly, 2020, 150, w20358.	1.6	4
18	Postoperative brain volumes are associated with one-year neurodevelopmental outcome in children with severe congenital heart disease. Scientific Reports, 2019, 9, 10885.	3.3	35

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19	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.	0.6	1
20	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.	1.3	24
21	Extracorporeal membrane oxygenation support in pediatrics. <i>Annals of Cardiothoracic Surgery</i> , 2019, 8, 109-115.	1.7	24
22	Approaches to Establish Extracardiac Total Cavopulmonary Connections in Animal Modelsâ€”A Review. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2019, 10, 81-89.	0.8	5
23	Growth and Intellectual Abilities of Six-Year-Old Children with Congenital Heart Disease. <i>Journal of Pediatrics</i> , 2019, 204, 24-30.e10.	1.8	13
24	A Valveless Pulsatile Pump for the Treatment of Heart Failure with Preserved Ejection Fraction: A Simulation Study. <i>Cardiovascular Engineering and Technology</i> , 2019, 10, 69-79.	1.6	13
25	Aortopulmonary collaterals in neonates with d-transposition of the great arteries â€” Clinical significance early after arterial switch operation. <i>International Journal of Cardiology</i> , 2018, 258, 237-242.	1.7	9
26	Mid-term Outcome of 100 Consecutive Ross Procedures: Excellent Survival, But Yet to Be a Cure. <i>Pediatric Cardiology</i> , 2018, 39, 595-603.	1.3	4
27	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.	1.7	16
28	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.	0.5	31
29	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.	0.2	5
30	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.	0.5	3
31	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2017, 103, 204-205.	1.3	0
32	Cardiac transplantation in a neonate-First case in Switzerland and European overview. <i>Clinical Transplantation</i> , 2017, 31, e12935.	1.6	7
33	Significance of preoperative imaging in children with total anomalous pulmonary venous connection. <i>European Heart Journal</i> , 2017, 38, 2040-2040.	2.2	0
34	Psychosocial impact on families with an infant with a hypoplastic left heart syndrome during and after the interstage monitoring period â€” a prospective mixedâ€”method study. <i>Journal of Clinical Nursing</i> , 2017, 26, 3363-3370.	3.0	14
35	Congenital aortic valve repair using CorMatrix [®] : A histologic evaluation. <i>Xenotransplantation</i> , 2017, 24, e12341.	2.8	19
36	Neurodevelopmental Profiles of Children with Congenital Heart Disease at School Age. <i>Journal of Pediatrics</i> , 2017, 188, 75-81.	1.8	59

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37	Transthoracic intracardiac catheters in pediatric cardiac patients: A single-center experience. Paediatric Anaesthesia, 2017, 27, 918-926.	1.1	9
38	Closure of coronary artery fistula in childhood: treatment techniques and long-term follow-up. Clinical Research in Cardiology, 2017, 106, 211-218.	3.3	19
39	Surgical technique: establishing a pre-clinical large animal model to test aortic valve leaflet substitute. Journal of Thoracic Disease, 2016, 8, 3733-3738.	1.4	2
40	Neurodevelopmental Outcome of Children with Hypoplastic Left Heart Syndrome at One and Four Years of Age Comparing Hybrid and Norwood Procedure. Annals of Thoracic and Cardiovascular Surgery, 2016, 22, 375-377.	0.8	16
41	Does superior caval vein pressure impact head growth in Fontan circulation?. Cardiology in the Young, 2016, 26, 1327-1332.	0.8	1
42	Modified Blalock-Taussig shunt: simple but unpredictable. European Journal of Cardio-thoracic Surgery, 2016, 50, 178-179.	1.4	7
43	Dilatation and Dysfunction of the Neo-aortic Root and in 76 Patients After the Ross Procedure. Pediatric Cardiology, 2016, 37, 1175-1183.	1.3	6
44	Effectiveness of Balloon Angioplasty in Children With Recurrent Aortic Coarctation Depends on the Type of Aortic Arch Pathology. Journal of Interventional Cardiology, 2016, 29, 414-423.	1.2	3
45	Biventricular Intracorporeal Ventricular Assist Device in a 10-year-old Child. International Journal of Artificial Organs, 2016, 39, 48-50.	1.4	12
46	Prenatal diagnosis of aorto-left ventricular tunnel: introducing the "cockade sign". European Heart Journal, 2015, 36, 1136-1136.	2.2	9
47	Role of sevoflurane in organ protection during cardiac surgery in children: a randomized controlled trial. Interactive Cardiovascular and Thoracic Surgery, 2015, 20, 157-165.	1.1	16
48	Severe Congenital Heart Defects Are Associated with Global Reduction of Neonatal Brain Volumes. Journal of Pediatrics, 2015, 167, 1259-1263.e1.	1.8	99
49	Simplified surgical-hybrid Melody® valve implantation for paediatric mitral valve disease: Figure 1. European Journal of Cardio-thoracic Surgery, 2015, 47, 926-928.	1.4	24
50	Pediatric heart transplantation. Journal of Thoracic Disease, 2015, 7, 552-9.	1.4	15
51	Hybrid approach for hypoplastic left heart syndrome and its variants: the fate of the pulmonary arteries. European Journal of Cardio-thoracic Surgery, 2014, 46, 14-19.	1.4	51
52	Cerebral lesions on magnetic resonance imaging correlate with preoperative neurological status in neonates undergoing cardiopulmonary bypass surgery. European Journal of Cardio-thoracic Surgery, 2014, 45, 625-632.	1.4	53
53	Postoperative arrhythmia in patients with bidirectional cavopulmonary anastomosis. European Journal of Cardio-thoracic Surgery, 2014, 45, 620-624.	1.4	6
54	Clinical Course and Interstage Monitoring After the Norwood and Hybrid Procedures for Hypoplastic Left Heart Syndrome. Pediatric Cardiology, 2014, 35, 851-856.	1.3	17

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55	Impact of Chest X-Ray Before Discharge in Asymptomatic Children After Cardiac Surgeryâ€”Prospective Evaluation. <i>Pediatric Cardiology</i> , 2013, 34, 155-158.	1.3	1
56	Modified Blalock Taussig shunt: a not-so-simple palliative procedure. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, 1096-1102.	1.4	99
57	Surgical recycling of a percutaneously implanted Melody valve. <i>European Heart Journal</i> , 2013, 34, 21-21.	2.2	1
58	Abnormal Interhemispheric Connectivity in Neonates with D-Transposition of the Great Arteries Undergoing Cardiopulmonary Bypass Surgery. <i>American Journal of Neuroradiology</i> , 2013, 34, 634-640.	2.4	9
59	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.	1.6	22
60	Management and outcome of Ebstein's anomaly in children. <i>Cardiology in the Young</i> , 2013, 23, 27-34.	0.8	16
61	Strategic and operational aspects of a transfusion-free neonatal arterial switch operation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013, 16, 890-891.	1.1	5
62	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.	1.4	17
63	Paediatric ventricular assist devices: current achievements. <i>Swiss Medical Weekly</i> , 2013, 143, w13804.	1.6	7
64	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.	1.4	7
65	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.	1.3	15
66	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2012, 93, 640.	1.3	0
67	A new method to fenestrate the Fontan circulation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 144, 273-275.	0.8	5
68	Mid-term follow-up of interventional closure of atrial septal defect using Solysafeâ„¢ Septal Occluder â€” Impact of standardized fluoroscopy for complication detection. <i>International Journal of Cardiology</i> , 2011, 152, 127-128.	1.7	4
69	Corrigendum to â€œComparison of surgical and interventional therapy of native and recurrent aortic coarctation regarding different age groups during childhoodâ€•[<i>Eur. J. Cardiothorac. Surg.</i> 39 (2011) 898â€“904]. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 40, 1035-1035.	1.4	0
70	Heart with a trunk: form fruste of Cantrell's Syndrome. <i>European Heart Journal</i> , 2011, 32, 123-123.	2.2	1
71	Risk Factor Analysis of 170 Single-Institutional Contegra Implantations in Pulmonary Position. <i>Annals of Thoracic Surgery</i> , 2011, 91, 195-203.	1.3	43
72	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.	1.4	4

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73	Comparison of surgical and interventional therapy of native and recurrent aortic coarctation regarding different age groups during childhood. European Journal of Cardio-thoracic Surgery, 2011, 39, 898-904.	1.4	50
74	Mid-term results of right axillary incision for the repair of a wide range of congenital cardiac defects. European Journal of Cardio-thoracic Surgery, 2009, 35, 864-870.	1.4	46
75	Early Results of Balloon Dilatation of the Stenotic Bovine Jugular Vein Graft in the Right Ventricular Outflow Tract in Children. Journal of Interventional Cardiology, 2008, 21, 265-272.	1.2	1
76	Simple Technique to Quickly Access a RV-PA Shunt During the Second Stage of the Norwood-Fontan Pathway. Annals of Thoracic Surgery, 2006, 81, 1148-1149.	1.3	0
77	Modified Technique for Heterotopic Implantation of a Right Ventricular Outflow Tract Conduit. Annals of Thoracic Surgery, 2006, 81, 2321-2323.	1.3	6
78	Muscle-Sparing Extrapleural Approach for the Repair of Aortic Coarctation. Annals of Thoracic Surgery, 2006, 81, 243-248.	1.3	9
79	Brain Natriuretic Peptide and Magnetic Resonance Imaging in Tetralogy With Right Ventricular Dilatation. Annals of Thoracic Surgery, 2006, 82, 983-988.	1.3	39
80	Tricuspidisation of the aortic valve with creation of a crown-like annulus is able to restore a normal valve function in bicuspid aortic valves. European Journal of Cardio-thoracic Surgery, 2006, 29, 1001-1006.	1.4	43
81	Closure of Restrictive Ventricular Septal Defects through a Right Axillary Thoracotomy. Heart Surgery Forum, 2006, 9, E836-E839.	0.5	12
82	Right axillary incision: A cosmetically superior approach to repair a wide range of congenital cardiac defects. Journal of Thoracic and Cardiovascular Surgery, 2005, 130, 277-281.	0.8	53
83	Left heart atrial and ventricular epicardial pacing through a left lateral thoracotomy in children: a safe approach with excellent functional and cosmetic results. European Journal of Cardio-thoracic Surgery, 2005, 28, 541-545.	1.4	48
84	Remodelling of the right ventricle after early pulmonary valve replacement in children with repaired tetralogy of Fallot: assessment by cardiovascular magnetic resonance. European Heart Journal, 2005, 26, 2721-2727.	2.2	291
85	In the Footsteps of Senning: Lessons Learned From Atrial Repair of Transposition of the Great Arteries. Annals of Thoracic Surgery, 2005, 79, 1433-1444.	1.3	35
86	Early Results of the Bovine Jugular Vein Graft Used for Reconstruction of the Right Ventricular Outflow Tract. Annals of Thoracic Surgery, 2005, 79, 618-624.	1.3	24
87	Early Insertion of a Pulmonary Valve for Chronic Regurgitation Helps Restoration of Ventricular Dimensions. Annals of Thoracic Surgery, 2005, 80, 1615-1621.	1.3	90
88	Emergency stent-graft placement for hemorrhage control in acute thoracic aortic rupture. European Journal of Cardio-thoracic Surgery, 2004, 25, 1032-1038.	1.4	55
89	Anatomic reconstruction of recurrent aortic arch obstruction in children. European Journal of Cardio-thoracic Surgery, 2004, 26, 60-65.	1.4	13
90	Trajectory of coronary motion and its significance in robotic motion cancellation. European Journal of Cardio-thoracic Surgery, 2004, 25, 786-790.	1.4	40

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91	Computational simulation of intracoronary flow based on real coronary geometry. European Journal of Cardio-thoracic Surgery, 2004, 26, 248-256.	1.4	73
92	Formation of a stenotic fibrotic membrane at the distal anastomosis of bovine jugular vein grafts (Contegra) after right ventricular outflow tract reconstruction. Journal of Thoracic and Cardiovascular Surgery, 2004, 127, 285-286.	0.8	36
93	Overlapping annuloplasty of the mitral valve in children. Annals of Thoracic Surgery, 2004, 77, 1857-1859.	1.3	6
94	Direct closure of the septum primum in atrioventricular canal defects. Journal of Thoracic and Cardiovascular Surgery, 2004, 127, 1678-1681.	0.8	14
95	Inferior Partial Sternotomy for Surgical Closure of Isolated Ventricular Septal Defects in Children. Heart Surgery Forum, 2004, 7, E467-E470.	0.5	13
96	Cardiovascular Haemodynamic Simulations of Anatomically Accurate Coronaries. , 2003, , .		0
97	Early results of using the bovine jugular vein for right ventricular outflow reconstruction during the Ross procedure. Heart Surgery Forum, 2003, 6, 390-2.	0.5	11
98	Intraoperative radiofrequency microbipolar coagulation to replace incisions of maze III procedure for correcting atrial fibrillation in patients with rheumatic valvular disease. European Journal of Cardio-thoracic Surgery, 1997, 12, 627-633.	1.4	88