

Aditya K Kaza

List of Publications by Year in descending order

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Version: 2024-02-01

111
papers

3,176
citations

145106

33
h-index

190340

53
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114
all docs

114
docs citations

114
times ranked

3482
citing authors

#	ARTICLE	IF	CITATIONS
1	Response to comments on preclinical evaluation of a pediatric airway stent for tracheobronchomalacia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, e109.	0.4	3
2	Tricuspid valve repair concomitant with the Norwood operation among babies with hypoplastic left heart syndrome. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, , .	0.6	5
3	Technical Performance Score: A Predictor of Outcomes After the Norwood Procedure. <i>Annals of Thoracic Surgery</i> , 2021, 112, 1290-1297.	0.7	14
4	Predictors of Increased Lactate in Neonatal Cardiac Surgery: The Impact of Cardiopulmonary Bypass. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 148-153.	0.6	5
5	Commentary: Truncal root remodeling: A useful technique that can be translated to other lesions?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 376-377.	0.4	0
6	Commentary: An opportunity to better characterize coronary ostial stenosis in patients with Williams syndrome and other elastin arteriopathies. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 220-221.	0.4	0
7	Preclinical evaluation of a pediatric airway stent for tracheobronchomalacia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, e51-e60.	0.4	6
8	Commentary: Evolving Strategies for Pulmonary Artery Rehabilitation in Single Ventricle Physiology. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021, 33, 490-491.	0.4	0
9	Hyperlactataemia as a predictor of adverse outcomes post-cardiac surgery in neonates with congenital heart disease. <i>Cardiology in the Young</i> , 2021, 31, 1401-1406.	0.4	4
10	In Vivo Molding of Airway Stents. <i>Advanced Functional Materials</i> , 2021, 31, 2010525.	7.8	6
11	Super Glenn for staged biventricular repair: impact on left ventricular growth?. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 534-541.	0.6	11
12	Patch augmentation of small ascending aorta during stage I procedure reduces the risk of morbidity and mortality. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, , .	0.6	3
13	Toward cardiac tissue characterization using machine learning and light-scattering spectroscopy. <i>Journal of Biomedical Optics</i> , 2021, 26, .	1.4	2
14	Pediatric Airway Stent Designed to Facilitate Mucus Transport and Atraumatic Removal. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 177-184.	2.5	12
15	Echocardiographic Diagnosis of Anomalous Single Coronary Artery from the Pulmonary Artery: Use of Bubble Contrast Echocardiography. <i>Pediatric Cardiology</i> , 2020, 41, 215-216.	0.6	4
16	Acute coronary artery obstruction following surgical repair of congenital heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 1957-1965.e1.	0.4	12
17	Toward detection of conduction tissue during cardiac surgery: Light at the end of the tunnel?. <i>Heart Rhythm</i> , 2020, 17, 2200-2207.	0.3	6
18	Localization of the sinoatrial and atrioventricular nodal region in neonatal and juvenile ovine hearts. <i>PLoS ONE</i> , 2020, 15, e0232618.	1.1	1

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19	Stress ulcer prophylaxis versus placebo—a blinded randomized control trial to evaluate the safety of two strategies in critically ill infants with congenital heart disease (SUPPRESS-CHD). <i>Trials</i> , 2020, 21, 590.	0.7	4
20	Intraoperative localization of cardiac conduction tissue regions using real-time fibre-optic confocal microscopy: first in human trial. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 261-268.	0.6	7
21	Renal replacement therapy in the pediatric cardiac intensive care unit. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 1446-1455.	0.4	5
22	Long-term Surgical Prognosis of Primary Supravalvular Aortic Stenosis Repair. <i>Annals of Thoracic Surgery</i> , 2019, 108, 1202-1209.	0.7	21
23	An Imaging Protocol to Discriminate Specialized Conduction Tissue During Congenital Heart Surgery. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019, 31, 537-546.	0.4	9
24	What is the ideal conduit or technique for reconstruction of the right ventricular outflow tract?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 2080-2081.	0.4	1
25	Targeted Increase in Pulmonary Blood Flow in a Bidirectional Glenn Circulation. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2018, 30, 182-188.	0.4	17
26	Right ventricular outflow tract reintervention after primary tetralogy of Fallot repair in neonates and young infants. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 726-734.	0.4	24
27	Impact of a Composite Valved RV-PA Graft After Stage 1 Palliation. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1452-1459.	0.7	8
28	The need for personalized resuscitation guidelines in children with congenital heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 459.	0.4	0
29	Non-invasive Assessment of Cerebral Blood Flow and Oxygen Metabolism in Neonates during Hypothermic Cardiopulmonary Bypass: Feasibility and Clinical Implications. <i>Scientific Reports</i> , 2017, 7, 44117.	1.6	41
30	A Method to Account for Variation in Congenital Heart Surgery Length of Stay*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 550-560.	0.2	11
31	PREDICTION TOOL FOR CONGENITAL HEART SURGERY LENGTH OF STAY. <i>Journal of the American College of Cardiology</i> , 2017, 69, 594.	1.2	5
32	Myocardial rescue with autologous mitochondrial transplantation in a porcine model of ischemia/reperfusion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 934-943.	0.4	146
33	Filling a significant gap in the cardiac ICU: implementation of individualised developmental care. <i>Cardiology in the Young</i> , 2017, 27, 1797-1806.	0.4	34
34	Cryopreserved Valved Vein Grafts as a Source of Pulmonary Blood Flow. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2017, 22, 150-156.	0.2	0
35	Sensitivity and Specificity of Cardiac Tissue Discrimination Using Fiber-Optics Confocal Microscopy. <i>PLoS ONE</i> , 2016, 11, e0147667.	1.1	7
36	Left Ventricular Outflow Tract Obstruction. <i>Pediatric Critical Care Medicine</i> , 2016, 17, S315-S317.	0.2	5

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37	Phosphodiesterase Inhibitor-Based Vasodilation Improves Oxygen Delivery and Clinical Outcomes Following Stage 1 Palliation. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	21
38	Are Bioprosthetic Valves Appropriate for Aortic Valve Replacement in Young Patients?. <i>Pediatric Cardiac Surgery Annual</i> , 2016, 19, 63-67.	0.5	6
39	Are attempts at regulating flow through systemic-to-pulmonary arterial shunts still valid?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, 1353-1354.	0.4	0
40	Association of Extracorporeal Membrane Oxygenation Support Adequacy and Residual Lesions With Outcomes in Neonates Supported After Cardiac Surgery*. <i>Pediatric Critical Care Medicine</i> , 2016, 17, 1045-1054.	0.2	45
41	Techniques to aid pulmonary valve preservation during repair of tetralogy of Fallot. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 1759.	0.4	0
42	Intravenous GPIIb/IIIa Inhibitor for Secondary Prevention of Shunt Thrombosis in a Pediatric Patient. <i>Annals of Thoracic Surgery</i> , 2015, 99, e151-e153.	0.7	6
43	Pulmonary vascular remodelling after heart transplantation in patients with cavopulmonary connection. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, 505-510.	0.6	9
44	Heart transplantation in patients who have congenital heart disease and single-lung physiology. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 1473.	0.4	1
45	Fontan modification with a Y-graft. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 246.	0.4	0
46	Surgical approaches to critical aortic stenosis with unicommissural valve in neonates. <i>Expert Review of Cardiovascular Therapy</i> , 2014, 12, 1401-1405.	0.6	1
47	Local delivery of fluorescent dye for fiber-optics confocal microscopy of the living heart. <i>Frontiers in Physiology</i> , 2014, 5, 367.	1.3	3
48	Heart Failure Due to "Disappearing" Aortic Valve in Hypoplastic Left Heart Syndrome. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2014, 5, 334-337.	0.3	0
49	Neonatal Flail Tricuspid Valve: Diagnosis and Management. <i>Annals of Thoracic Surgery</i> , 2014, 98, 1098-1101.	0.7	6
50	Survival based on patient selection for heart transplant in adults with congenital heart disease: A multi-institutional study. <i>International Journal of Cardiology</i> , 2014, 172, e89-e90.	0.8	10
51	Atrioventricular Septal Defects. , 2014, , 1479-1491.		1
52	Identification of Nodal Tissue in the Living Heart Using Rapid Scanning Fiber-Optics Confocal Microscopy and Extracellular Fluorophores. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 739-746.	1.3	19
53	Surgical approaches for CHD. <i>Current Opinion in Pediatrics</i> , 2013, 25, 591-596.	1.0	2
54	Cardiac performance and quality of life in patients who have undergone the Fontan procedure with and without prior superior cavopulmonary connection. <i>Cardiology in the Young</i> , 2013, 23, 335-343.	0.4	12

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55	Effect of ventricular size and function on exercise performance and the electrocardiogram in repaired tetralogy of Fallot with pure pulmonary regurgitation. <i>Annals of Pediatric Cardiology</i> , 2012, 5, 151.	0.2	16
56	Variation in perioperative care across centers for infants undergoing the Norwood procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 144, 915-921.	0.4	95
57	Early survival after heart transplant in young infants is lowest after failed single-ventricle palliation: A multi-institutional study. <i>Journal of Heart and Lung Transplantation</i> , 2012, 31, 509-516.	0.3	65
58	Biopsy-diagnosed antibody-mediated rejection based on the proposed International Society for Heart and Lung Transplantation working formulation is associated with adverse cardiovascular outcomes after pediatric heart transplant. <i>Journal of Heart and Lung Transplantation</i> , 2012, 31, 686-693.	0.3	45
59	Changes in left atrioventricular valve geometry after surgical repair of complete atrioventricular canal. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, 1117-1124.	0.4	14
60	Would access to device therapies improve transplant outcomes for adults with congenital heart disease? Analysis of the United Network for Organ Sharing (UNOS). <i>Journal of Heart and Lung Transplantation</i> , 2011, 30, 395-401.	0.3	105
61	The Stentless Porcine Aortic Root for Reconstruction of Right Ventricular Outflow Tract. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2011, 16, 179-190.	0.2	1
62	Surgical Interventions for Atrioventricular Septal Defect Subtypes: The Pediatric Heart Network Experience. <i>Annals of Thoracic Surgery</i> , 2011, 92, 1468-1475.	0.7	35
63	Clinical Performance of Decellularized Cryopreserved Valved Allografts Compared With Standard Allografts in the Right Ventricular Outflow Tract. <i>Annals of Thoracic Surgery</i> , 2010, 90, 1301-1306.	0.7	61
64	Durability of Truncal Valve Repair. <i>Annals of Thoracic Surgery</i> , 2010, 90, 1307-1312.	0.7	41
65	Anomalous Origin of the Left Coronary Artery from the Pulmonary Artery in Alagille Syndrome. <i>Congenital Heart Disease</i> , 2010, 5, 462-464.	0.0	4
66	Simple Versus Complex Truncus Arteriosus. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2010, 1, 285-291.	0.3	15
67	Stentless porcine valves in the right ventricular outflow tract: improved durability? <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 35, 600-605.	0.6	32
68	Long-term results of right ventricular outflow tract reconstruction in neonatal cardiac surgery: Options and outcomes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 138, 911-916.	0.4	73
69	Analysis of the US Food and Drug Administration Manufacturer and User Facility Device Experience database for adverse events involving Amplatzer septal occluder devices and comparison with the Society of Thoracic Surgery congenital cardiac surgery database. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 137, 1334-1341.	0.4	161
70	Aortic Valve Repair in Children, Including Pericardial Patch Reconstruction. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2009, 14, 243-252.	0.2	6
71	Management of Deep Wound Complications With Vacuum-Assisted Therapy After Berlin Heart EXCOR Ventricular Assist Device Placement in the Pediatric Population. <i>Artificial Organs</i> , 2009, 33, 922-925.	1.0	23
72	Experience With the Levitronix CentriMag in the Pediatric Population as a Bridge to Decision and Recovery. <i>Artificial Organs</i> , 2009, 33, 1002-1004.	1.0	27

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73	Effect of ABO-Incompatible Listing on Infant Heart Transplant Waitlist Outcomes: Analysis of the United Network for Organ Sharing (UNOS) Database. <i>Journal of Heart and Lung Transplantation</i> , 2009, 28, 1254-1260.	0.3	33
74	Evaluating Failing Fontans for Heart Transplantation: Predictors of Death. <i>Annals of Thoracic Surgery</i> , 2009, 88, 558-564.	0.7	161
75	Partial left pulmonary artery sling associated with multiple ventricular septal defects: A rare congenital anomaly. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 136, 1085-1087.	0.4	8
76	True Aneurysmal Dilatation of a Contegra Conduit after Right Ventricular Outflow Tract Reconstruction: A Novel Mechanism of Conduit Failure. <i>Annals of Thoracic Surgery</i> , 2008, 86, 1976-1977.	0.7	18
77	Preoperative Pulmonary Evaluation of the Thoracic Surgical Patient. <i>Thoracic Surgery Clinics</i> , 2005, 15, 297-304.	0.4	10
78	Pyrrolidine dithiocarbamate reduces lung reperfusion injury. <i>Journal of Surgical Research</i> , 2003, 112, 12-18.	0.8	16
79	Preoperative shock determines outcome for acute type A aortic dissection. <i>Annals of Thoracic Surgery</i> , 2003, 75, 520-524.	0.7	47
80	Elimination of fat microemboli during cardiopulmonary bypass. <i>Annals of Thoracic Surgery</i> , 2003, 75, 555-559.	0.7	57
81	Ventricular Reconstruction Results in Improved Left Ventricular Function and Amelioration of Mitral Insufficiency. <i>Annals of Surgery</i> , 2002, 235, 828-832.	2.1	34
82	Adenosine A2A analogue ATL-146e reduces systemic tumor necrosis factor- α and spinal cord capillary platelet-endothelial cell adhesion molecule-1 expression after spinal cord ischemia. <i>Journal of Vascular Surgery</i> , 2002, 35, 994-998.	0.6	76
83	Ischemia-reperfusion injury after lung transplantation increases risk of late bronchiolitis obliterans syndrome. <i>Annals of Thoracic Surgery</i> , 2002, 73, 1041-1048.	0.7	240
84	Adenosine A2A agonist reduces paralysis after spinal cord ischemia: correlation with A2A receptor expression on motor neurons 11Doctors Linden and Kron disclose that they have a financial relationship with Adenosine Therapeutics LLC.. <i>Annals of Thoracic Surgery</i> , 2002, 74, 846-850.	0.7	46
85	Coronary risk stratification in patients with end-stage lung disease. <i>Journal of Heart and Lung Transplantation</i> , 2002, 21, 334-339.	0.3	14
86	Controlled perfusion decreases reperfusion injury after high-flow reperfusion. <i>Journal of Heart and Lung Transplantation</i> , 2002, 21, 687-691.	0.3	21
87	Inhibition of compensatory lung growth in endothelial nitric oxide synthase-deficient mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002, 282, L1272-L1278.	1.3	66
88	Contrasting natures of lung growth after transplantation and lobectomy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2002, 123, 288-294.	0.4	12
89	Adenosine A2A receptor activation decreases reperfusion injury associated with high-flow reperfusion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2002, 124, 973-978.	0.4	18
90	Keratinocyte Growth Factor Enhances Post-Pneumonectomy Lung Growth by Alveolar Proliferation. <i>Circulation</i> , 2002, 106, .	1.6	38

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91	Cardioscope-assisted excision of a left ventricular tumor—a case report. Heart Surgery Forum, 2002, 5, 75-6.	0.2	4
92	Keratinocyte growth factor enhances post-pneumonectomy lung growth by alveolar proliferation. Circulation, 2002, 106, 1120-4.	1.6	48
93	Adenosine analogue reduces spinal cord reperfusion injury in a time-dependent fashion. Surgery, 2001, 130, 230-235.	1.0	27
94	Early intervention after severe oxygenation index elevation improves survival following lung transplantation. Journal of Heart and Lung Transplantation, 2001, 20, 631-636.	0.3	65
95	Influence of graft ischemic time on outcomes following lung transplantation. Journal of Heart and Lung Transplantation, 2001, 20, 1291-1296.	0.3	65
96	When to discontinue extracorporeal membrane oxygenation for postcardiotomy support. Annals of Thoracic Surgery, 2001, 71, 210-214.	0.7	115
97	Pulmonary macrophages are involved in reperfusion injury after lung transplantation. Annals of Thoracic Surgery, 2001, 71, 1134-1139.	0.7	49
98	Retinoic acid enhances lung growth after pneumonectomy. Annals of Thoracic Surgery, 2001, 71, 1645-1650.	0.7	65
99	Cardiac reoperation in the intensive care unit. Annals of Thoracic Surgery, 2001, 71, 1888-1893.	0.7	19
100	Management of innominate artery injury in the setting of bovine arch anomaly. Annals of Thoracic Surgery, 2001, 72, 2134-2136.	0.7	9
101	Epidermal growth factor receptor up-regulation is associated with lung growth after lobectomy. Annals of Thoracic Surgery, 2001, 72, 380-385.	0.7	11
102	A cost comparison of heart transplantation versus alternative operations for cardiomyopathy. Annals of Thoracic Surgery, 2001, 72, 1298-1305.	0.7	42
103	Systemic adenosine A2A agonist ameliorates ischemic reperfusion injury in the rabbit spinal cord. Annals of Thoracic Surgery, 2001, 72, 1245-1250.	0.7	37
104	A technique for adequate coverage of the proximal suture line during abdominal aortic aneurysm repair. Journal of Vascular Surgery, 2001, 34, 367-368.	0.6	6
105	An adenosine A2A agonist, ATL-146e, reduces paralysis and apoptosis during rabbit spinal cord reperfusion. Journal of Vascular Surgery, 2001, 34, 482-488.	0.6	39
106	Lung transplant reperfusion injury involves pulmonary macrophages and circulating leukocytes in a biphasic response. Journal of Thoracic and Cardiovascular Surgery, 2001, 121, 1069-1075.	0.4	136
107	Aerosolized prostacyclin (epoprostenol) as an alternative to inhaled nitric oxide for patients with reperfusion injury after lung transplantation. Journal of Thoracic and Cardiovascular Surgery, 2001, 121, 981-982.	0.4	57
108	Donor lung salvage after neurogenic pulmonary edema with the use of post-transplant extracorporeal membrane oxygenation. Journal of Thoracic and Cardiovascular Surgery, 2001, 122, 1257-1258.	0.4	12

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109	Carotid Arteriography Impacts Carotid Stenosis Management. <i>Vascular Surgery</i> , 2001, 35, 251-256.	0.3	11
110	Lung transplant ischemia-reperfusion injury involves pulmonary macrophages and circulating leukocytes in a biphasic response. <i>Journal of the American College of Surgeons</i> , 2000, 191, S63-S64.	0.2	0
111	Epidermal growth factor augments postpneumonectomy lung growth. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000, 120, 916-922.	0.4	44