

David Kalfa

List of Publications by Year in descending order

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71
papers

948
citations

430874

18
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501196

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78
all docs

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docs citations

78
times ranked

1272
citing authors

#	ARTICLE	IF	CITATIONS
1	Outcomes of cardiac surgery in patients weighing $\leq 2.5\text{ kg}$: Affect of patient-dependent and -independent variables. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2499-2506.e1.	0.8	66
2	Mechanical considerations for polymeric heart valve development: Biomechanics, materials, design and manufacturing. <i>Biomaterials</i> , 2019, 225, 119493.	11.4	58
3	Primary Pulmonary Vein Stenosis: Outcomes, Risk Factors, and Severity Score in a Multicentric Study. <i>Annals of Thoracic Surgery</i> , 2017, 104, 182-189.	1.3	57
4	A polydioxanone electrospun valved patch to replace the right ventricular outflow tract in a growing lamb model. <i>Biomaterials</i> , 2010, 31, 4056-4063.	11.4	50
5	Neurocognitive and Psychological Outcomes in Adults With Dextro-Transposition of the Great Arteries Corrected by the Arterial Switch Operation. <i>Annals of Thoracic Surgery</i> , 2018, 105, 830-836.	1.3	47
6	Outcomes and prognostic factors for postsurgical pulmonary vein stenosis in the current era. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 278-286.	0.8	46
7	Minimally invasive paediatric cardiac surgery. <i>Nature Reviews Cardiology</i> , 2014, 11, 24-34.	13.7	42
8	Scimitar Syndrome in Children and Adults: Natural History, Outcomes, and Risk Analysis. <i>Annals of Thoracic Surgery</i> , 2018, 105, 592-598.	1.3	42
9	Patients with anomalous aortic origin of the coronary artery remain at risk after surgical repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 2554-2564.e3.	0.8	41
10	A standardized repair-oriented strategy for mitral insufficiency in infants and children: Midterm functional outcomes and predictors of adverse events. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 1459-1466.	0.8	36
11	Secondary subaortic stenosis in heart defects without any initial subaortic obstruction: a multifactorial postoperative event. <i>European Journal of Cardio-thoracic Surgery</i> , 2007, 32, 582-587.	1.4	33
12	Surgical closure of atrial septal defects. <i>Journal of Thoracic Disease</i> , 2018, 10, S2931-S2939.	1.4	29
13	Surgical Volume-to-Outcome Relationship and Monitoring of Technical Performance in Pediatric Cardiac Surgery. <i>Pediatric Cardiology</i> , 2014, 35, 899-905.	1.3	27
14	Norwood Stage I Palliation in Patients Less Than or Equal to 2.5 kg: Outcomes and Risk Analysis. <i>Annals of Thoracic Surgery</i> , 2015, 100, 167-173.	1.3	24
15	Long-term outcomes of the arterial switch operation for transposition of the great arteries and ventricular septal defect and/or aortic arch obstruction. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 23, 240-246.	1.1	24
16	Neuropsychological and Psychiatric Outcomes in Dextro-Transposition of the Great Arteries across the Lifespan: A State-of-the-Art Review. <i>Frontiers in Pediatrics</i> , 2017, 5, 59.	1.9	23
17	Age-related enhanced degeneration of bioprosthetic valves due to leaflet calcification, tissue crosslinking, and structural changes. <i>Cardiovascular Research</i> , 2023, 119, 302-315.	3.8	22
18	New Technologies for Surgery of the Congenital Cardiac Defect. <i>Rambam Maimonides Medical Journal</i> , 2013, 4, e0019.	1.0	21

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19	Polymer-Based Reconstruction of the Inferior Vena Cava in Rat: Stem Cells or RGD Peptide?. <i>Tissue Engineering - Part A</i> , 2015, 21, 1552-1564.	3.1	21
20	Early and late outcomes after surgical repair of congenital supra-ventricular aortic stenosis: a European Congenital Heart Surgeons Association multicentric study. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 789-797.	1.4	19
21	Cryopreserved homograft in the Ross procedure: outcomes and prognostic factors. <i>Journal of Heart Valve Disease</i> , 2011, 20, 571-81.	0.5	16
22	How to choose the best available homograft to reconstruct the right ventricular outflow tract. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 142, 950-953.	0.8	15
23	Cognitive outcomes and health-related quality of life in adults two decades after the arterial switch operation for transposition of the great arteries. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1028-1035.	0.8	15
24	State of the Art: Tissue Engineering in Congenital Heart Surgery. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019, 31, 807-817.	0.6	15
25	Assessment of Anomalous Coronary Arteries by Imagers and Surgeons: Comparison of Imaging Modalities. <i>Annals of Thoracic Surgery</i> , 2021, 111, 672-681.	1.3	13
26	Aortopulmonary Window and the Interrupted Aortic Arch: Midterm Results With Use of the Single-Patch Technique. <i>Annals of Thoracic Surgery</i> , 2015, 99, 186-191.	1.3	12
27	Modified technique for Melody valve implantation in the mitral position. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 1190-1191.	0.8	12
28	Design optimization of a cardiovascular stent with application to a balloon expandable prosthetic heart valve. <i>Materials and Design</i> , 2021, 209, 109977.	7.0	10
29	Outcomes of Surgical Repair of Complex D-Transposition of the Great Arteries. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2018, 9, 605-612.	0.8	9
30	The Risks of Being Tiny: The Added Risk of Low Weight for Neonates Undergoing Congenital Heart Surgery. <i>Pediatric Cardiology</i> , 2020, 41, 1623-1631.	1.3	9
31	The effects of postoperative hematocrit on shunt occlusion for neonates undergoing single ventricle palliation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 947-955.	0.8	8
32	Damus anastomosis associated with REV/Rastelli procedure allows to extend indications for anatomical repair in complex transposition of great arteries. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014, 18, 844-846.	1.1	6
33	Aortic valve neocuspidization: A bright future in pediatric aortic valve surgery?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 728.	0.8	6
34	Outcomes of the Arterial Switch Operation in ≤ 2.5-kg Neonates. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019, 31, 488-493.	0.6	6
35	Wireless monitoring and artificial intelligence: A bright future in cardiothoracic surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 809-812.	0.8	6
36	Neonates With Complex Cardiac Malformation and Congenital Diaphragmatic Hernia Born to SARS-CoV-2 Positive Women—A Single Center Experience. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2020, 11, 697-703.	0.8	5

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37	Cardiac transplantation in adult congenital heart disease with prior sternotomy. <i>Clinical Transplantation</i> , 2021, 35, e14229.	1.6	5
38	When a coronary artery fistula is not simply a fistula: Using multimodality imaging to demonstrate an unusual embryologic remnant. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 358-362.	0.8	4
39	The influence of electrospinning parameters on polydioxanone scaffold properties. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 025023.	1.2	4
40	Novel Valve Choices for Pulmonary Valve Replacement. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2023, 35, 523-529.	0.6	4
41	Technique of Coronary Sinus Plasty for Left Pulmonary Vein Stenosis. <i>Annals of Thoracic Surgery</i> , 2014, 98, e27-e29.	1.3	3
42	Outcomes and Prognostic Factors for Adult Patients With Congenital Heart Disease Undergoing Primary or Reoperative Systemic Atrioventricular Valve Surgery. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2017, 8, 346-353.	0.8	3
43	RGD constructs with physical anchor groups as polymer co-electrospinnable cell adhesives. <i>Polymers for Advanced Technologies</i> , 2017, 28, 1312-1317.	3.2	3
44	Postoperative pulmonary artery stenosis: current options and future directions. <i>Translational Pediatrics</i> , 2017, 5, 57-58.	1.2	3
45	Pseudoaneurysm Formation Associated With a Modified Blalock-Taussig Shunt. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2018, 30, 207-209.	0.6	3
46	Fontan-associated liver disease: Is it all about hemodynamics?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 276-277.	0.8	3
47	Characterization of Extracorporeal Membrane Oxygenation Support for Single Ventricle Patients. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2020, 11, 183-191.	0.8	3
48	Interventions for Congenital Atrioventricular Valve Dysfunction. <i>Journal of the American College of Cardiology</i> , 2022, 79, 2259-2269.	2.8	3
49	Balloon Sphincteroplasty in the Management of Choledocholithiasis in a 10-week-old Infant. <i>Surgical Laparoscopy, Endoscopy and Percutaneous Techniques</i> , 2008, 18, 89-91.	0.8	2
50	Patent ductus arteriosus surgical ligation: Still a lot to understand. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, 505-506.	0.8	2
51	Significance of Intraoperative Revision During Arterial Switch Operation in the Current Era. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2018, 9, 194-200.	0.8	2
52	â€œSplintâ€• Mitral Valve Repair for Destructive Endocarditis in Children. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2019, 10, 121-124.	0.8	2
53	Understanding and not only observing: The key to success in tissue engineering?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2234.	0.8	1
54	Commentary: What is the best surgical technique to repair partial anomalous pulmonary venous return into the superior vena cava? We still do not know. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 1980-1981.	0.8	1

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55	Commentary: Should the cone repair be the only option to consider for all patients with Ebstein's anomaly? Definitely not. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 1557-1558.	0.8	1
56	Evolution of pediatric ventricular assist devices and their neurologic and renal complicationsâ€”A 24â€‘year singleâ€‘center experience. <i>Artificial Organs</i> , 2020, 44, 987-994.	1.9	1
57	Commentary: Let's push on medical device innovation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 237-238.	0.8	1
58	Weight impacts 1-year congenital heart surgery outcomes independent of race/ethnicity and payer. <i>Cardiology in the Young</i> , 2021, 31, 279-285.	0.8	1
59	Masaoka Approach for Invasive Aspergillosis: An Aggressive Approach for an Aggressive Disease. <i>Annals of Thoracic Surgery</i> , 2012, 94, e71-e72.	1.3	0
60	Pulmonary vasodilator therapy in the Fontan circulation: A world of uncertaintiesâ€‘. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 1466-1467.	0.8	0
61	Reply to Dr Saritas et al, Significance of Intraoperative Revision During Arterial Switch Operation in the Current Era. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2018, 9, 594-594.	0.8	0
62	Commentary: To valve, or not to valveâ€”That is the stage I question. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 865-866.	0.8	0
63	Commentary: Innovation in the clinical care of congenital heart defects: Surgeons can and need to weigh in. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 972-973.	0.8	0
64	Commentary: How to train residentsâ€‘ and how to train attendings to train residents: One train can hide another. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 261-262.	0.8	0
65	Commentary: Virtual reality in presurgical planning: The future is already here. <i>JTCVS Techniques</i> , 2021, 6, 138-139.	0.4	0
66	Commentary: Should aortopulmonary shunts be combined with aorto-right ventricular shunts or with a ventricular assist device?. <i>JTCVS Techniques</i> , 2021, 7, 224-225.	0.4	0
67	Commentary: Another way to band pulmonary arteries: Anatomic, hemodynamic, and scientific considerations. <i>JTCVS Techniques</i> , 2021, 9, 126-127.	0.4	0
68	Commentary: The case for a comprehensive clinical, basic, and translational research strategy to understand, prevent, detect, and treat cerebrovascular injury in Fontan patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 1229-1230.	0.8	0
69	Supramitral Stenosis. , 2014, , 1659-1668.		0
70	Commentary: Turkish blacksmiths were expert craftsmen at manufacturing scimitars; congenital cardiac surgeons need to be expert craftsmen at repairing them. <i>JTCVS Techniques</i> , 2020, 4, 219-220.	0.4	0
71	Commentary: Lessons learned during the coronavirus disease 2019 pandemic could make us better at something. <i>JTCVS Techniques</i> , 2020, 3, 267-268.	0.4	0