

Joachim Photiadis

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

1,241
citations

361045

20
h-index

476904

29
g-index

91
all docs

91
docs citations

91
times ranked

1137
citing authors

#	ARTICLE	IF	CITATIONS
1	Implantation of stents as an alternative to reoperation in neonates and infants with acute complications after surgical creation of a systemic-to-pulmonary arterial shunt. <i>Cardiology in the Young</i> , 2008, 18, 177-184.	0.4	109
2	Repair of Truncus Arteriosus and Aortic Arch Interruption: Outcome Analysis. <i>Annals of Thoracic Surgery</i> , 2005, 79, 2077-2082.	0.7	56
3	The Long-Term Outcome of Open Valvotomy for Critical Aortic Stenosis in Neonates. <i>Annals of Thoracic Surgery</i> , 2012, 94, 1519-1526.	0.7	46
4	Results of aortic valve repair using decellularized bovine pericardium in congenital surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 986-992.	0.6	37
5	Restrictive left atrial outflow adversely affects outcome after the modified Norwood procedure. <i>European Journal of Cardio-thoracic Surgery</i> , 2005, 27, 962-967.	0.6	36
6	Comprehensive Aristotle Score: Implications for the Norwood Procedure. <i>Annals of Thoracic Surgery</i> , 2006, 81, 1794-1800.	0.7	34
7	Right ventricular outflow tract obstruction after arterial switch operation for the Taussig "Bing heart"†. <i>European Journal of Cardio-thoracic Surgery</i> , 2007, 31, 873-878.	0.6	32
8	Does Bilateral Pulmonary Banding in Comparison to Norwood Procedure Improve Outcome in Neonates with Hypoplastic Left Heart Syndrome Beyond Second-Stage Palliation? A Review of the Current Literature. <i>Thoracic and Cardiovascular Surgeon</i> , 2012, 60, 181-188.	0.4	32
9	Bridge to recovery in children on ventricular assist devices "protocol, predictors of recovery, and long-term follow-up. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 1459-1466.	0.3	32
10	Survival and reintervention after neonatal repair of truncus arteriosus with valved conduit. <i>European Journal of Cardio-thoracic Surgery</i> , 2008, 34, 732-737.	0.6	30
11	Tranexamic acid: an alternative to aprotinin as antifibrinolytic therapy in pediatric congenital heart surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 39, 495-499.	0.6	30
12	Poor outcome for patients with totally anomalous pulmonary venous connection and functionally single ventricle. <i>Cardiology in the Young</i> , 2009, 19, 594-600.	0.4	28
13	Routine Application of Bloodless Priming in Neonatal Cardiopulmonary Bypass: A 3-Year Experience. <i>Pediatric Cardiology</i> , 2017, 38, 807-812.	0.6	28
14	A Novel Approach to the Repair of Tetralogy of Fallot With Absent Pulmonary Valve and the Reduction of Airway Compression by the Pulmonary Artery. <i>Pediatric Cardiac Surgery Annual</i> , 2009, 12, 59-62.	0.5	25
15	Surgical management of congenital heart disease: evaluation according to the Aristotle score. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 37, 210-217.	0.6	25
16	Compared fate of small-diameter Contegras® and homografts in the pulmonary position. <i>European Journal of Cardio-thoracic Surgery</i> , 2007, 32, 209-214.	0.6	23
17	Improved Hemodynamics and Outcome After Modified Norwood Operation on the Beating Heart. <i>Annals of Thoracic Surgery</i> , 2006, 81, 976-981.	0.7	22
18	Does the shunt type determine mid-term outcome after Norwood operation?. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 42, 209-216.	0.6	22

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19	Interventions After Norwood Procedure: Comparison of Sano and Modified Blalock-Taussig Shunt. <i>Pediatric Cardiology</i> , 2013, 34, 112-118.	0.6	22
20	Optimal pulmonary to systemic blood flow ratio for best hemodynamic status and outcome early after Norwood operation. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 29, 551-556.	0.6	21
21	Performance of an Autonomous Telemonitoring System in Children and Young Adults with Congenital Heart Diseases. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2008, 31, 1291-1299.	0.5	21
22	Outcome of Surgical Correction of Congenital Supravalvular Aortic Stenosis With Two- and Three-Sinus Reconstruction Techniques. <i>Annals of Thoracic Surgery</i> , 2014, 97, 634-640.	0.7	21
23	Telemonitoring with implantable electronic devices in young patients with congenital heart diseases. <i>Europace</i> , 2012, 14, 1030-1037.	0.7	20
24	Aortopulmonary Window Associated with Interrupted Aortic Arch: Report of Surgical Repair of Eight Cases and Review of Literature. <i>Thoracic and Cardiovascular Surgeon</i> , 2012, 60, 215-220.	0.4	19
25	Long-term results after surgical repair of atrioventricular septal defect. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019, 28, 789-796.	0.5	19
26	Treatment strategies for protein-losing enteropathy in Fontan-palliated patients. <i>Cardiology in the Young</i> , 2020, 30, 698-709.	0.4	19
27	Ross-Konno procedure in infants: mid-term results. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 42, 687-694.	0.6	16
28	Early extubation is associated with improved early outcome after extracardiac total cavopulmonary connection independently of duration of cardiopulmonary bypass. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 953-958.	0.6	16
29	Functional outcome of anatomic correction of corrected transposition of the great arteries†. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 40, 1227-34.	0.6	15
30	Somatic Development in Children with Congenital Heart Defects. <i>Journal of Pediatrics</i> , 2018, 192, 136-143.e4.	0.9	15
31	Survival and Mid-Term Neurologic Outcome After Extracorporeal Cardiopulmonary Resuscitation in Children. <i>Pediatric Critical Care Medicine</i> , 2020, 21, e316-e324.	0.2	15
32	Replacement of the aortic valve after the arterial switch operation. <i>Cardiology in the Young</i> , 2003, 13, 191-193.	0.4	14
33	Pulmonary artery sling with tracheal stenosis. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2009, 2009, mmcts.2008.003343.	0.5	14
34	Cardiopulmonary Bypass Strategy to Facilitate Transfusion-Free Congenital Heart Surgery in Neonates and Infants. <i>Thoracic and Cardiovascular Surgeon</i> , 2020, 68, 002-014.	0.4	14
35	Does size matter? Larger Blalock-Taussig shunt in the modified Norwood operation correlates with better hemodynamics†. <i>European Journal of Cardio-thoracic Surgery</i> , 2005, 28, 56-60.	0.6	13
36	Ross-Konno Procedure in Children: Midterm Results. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2010, 1, 28-33.	0.3	13

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37	Congenital heart surgery: surgical performance according to the Aristotle complexity score. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 39, e33-e37.	0.6	13
38	Two Pumps for Single Ventricle: Mechanical Support for Establishment of Biventricular Circulation. <i>Annals of Thoracic Surgery</i> , 2017, 104, e143-e145.	0.7	13
39	ADAPT-treated pericardium for aortic valve reconstruction in congenital heart disease: histological analysis of a series of human explants. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 1170-1177.	0.6	12
40	Fast-track extubation after cardiac surgery in infants: Tug-of-war between performance and reimbursement?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 162, 435-443.	0.4	12
41	Survival after Surgery with Cardiopulmonary Bypass in Low Weight Patients. <i>Asian Cardiovascular and Thoracic Annals</i> , 2008, 16, 115-119.	0.2	11
42	Expression analysis of surface molecules on human thymic dendritic cells with the 10th HLDA Workshop antibody panel. <i>Clinical and Translational Immunology</i> , 2015, 4, e47.	1.7	11
43	RNA expression profiles and regulatory networks in human right ventricular hypertrophy due to high pressure load. <i>IScience</i> , 2021, 24, 102232.	1.9	11
44	Surgical Treatment of Transposition of Great Arteries With Ventricular Septal Defect and Left Ventricular Outflow Tract Obstruction. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2010, 1, 163-169.	0.3	10
45	Lung function in very low birth weight infants after pharmacological and surgical treatment of patent ductus arteriosus - a retrospective analysis. <i>BMC Pediatrics</i> , 2017, 17, 5.	0.7	10
46	A morbidity score for congenital heart surgery based on observed complications. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 41, 898-904.	0.6	9
47	Evaluation of Fontan failure by classifying the severity of Fontan-associated liver disease: a single-centre cross-sectional study. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 341-348.	0.6	9
48	Heart Transplantation After Longest-Term Support With Ventricular Assist Devices. <i>Annals of Thoracic Surgery</i> , 2014, 98, 1814-1815.	0.7	8
49	Adult congenital open-heart surgery: emergence of a new mortality score. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 171-176.	0.6	8
50	Late Fontan failure in adult patients is predominantly associated with deteriorating ventricular function. <i>International Journal of Cardiology</i> , 2021, 344, 87-94.	0.8	8
51	Modified Children's II Operation on the Beating Heart Allows Growth Potential. <i>Annals of Thoracic Surgery</i> , 2005, 80, e14-e16.	0.7	7
52	Open valvotomy for aortic valve stenosis in newborns and infants. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2007, 2007, mmcts.2006.002311.	0.5	7
53	Ross-Konno operation in children. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2008, 2008, mmcts.2008.003160.	0.5	7
54	Quantification of Morbidity Associated with Congenital Heart Surgery. <i>Thoracic and Cardiovascular Surgeon</i> , 2013, 61, 278-285.	0.4	7

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55	Bloodless priming of the cardiopulmonary bypass circuit: determinants of successful transfusion-free operation in neonates and infants with a maximum body weight of 7 kg. <i>Cardiology in the Young</i> , 2018, 28, 1141-1147.	0.4	7
56	Surgery for subvalvar aortic stenosis - resection of discrete subvalvar aortic membrane. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2007, 2007, mmcts.2006.002303.	0.5	6
57	Influence of two perfusion strategies on oxygen metabolism in paediatric cardiac surgery. Evaluation of the high-flow, low-resistance technique. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 37, 651-657.	0.6	6
58	Incidence and echocardiographic predictors of early postoperative right ventricular dysfunction following left ventricular assist implantation in paediatric patients. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017, 25, 887-891.	0.5	6
59	Asanguineous Cardiopulmonary Bypass in Infants: Impact on Postoperative Mortality and Morbidity. <i>Thoracic and Cardiovascular Surgeon</i> , 2020, 68, 059-067.	0.4	6
60	Pulmonary valve prostheses: patient's lifetime procedure load and durability. Evaluation of the German National Register for Congenital Heart Defects. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, 34, 297-306.	0.5	6
61	Acute Kidney Injury After Neonatal Aortic Arch Surgery: Deep Hypothermic Circulatory Arrest Versus Moderate Hypothermia With Distal Aortic Perfusion. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2021, 12, 573-580.	0.3	6
62	Complex Cardiac Surgery on Patients with a Body Weight of Less Than 5 kg without Donor Blood Transfusion. <i>Journal of Extra-Corporeal Technology</i> , 2017, 49, 93-97.	0.2	6
63	Surgery for tetralogy of Fallot - absent pulmonary valve syndrome. Technique of anterior translocation of the pulmonary artery. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2010, 2010, mmcts.2008.003186.	0.5	5
64	Congenital heart disease: interrelation between German diagnosis-related groups system and Aristotle complexity score. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 37, 1271-1276.	0.6	4
65	The modified Senning procedure as an integral part of an anatomical correction of congenitally corrected transposition of the great arteries. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2011, 2011, mmcts.2009.004234.	0.5	4
66	Surgical Management of Congenital Heart Disease: Contribution of the Aristotle Complexity Score to Planning and Budgeting in the German Diagnosis-Related Groups System. <i>Pediatric Cardiology</i> , 2012, 33, 36-41.	0.6	4
67	Modified Ross-Konno procedure in children: subcoronary implantation technique with Konno incision for annular and subannular hypoplasia. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018, 27, 264-268.	0.5	4
68	Reimbursement After Congenital Heart Surgery in Germany: Impact of Early Postoperative Extubation. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2020, 11, 557-562.	0.3	4
69	Surgical management of Ebstein anomaly: impact of the adult congenital heart disease anatomical and physiological classifications. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 32, 593-600.	0.5	4
70	Coagulation Profile of Neonates Undergoing Arterial Switch Surgery With Crystalloid Priming of the Cardiopulmonary Bypass Circuit. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 1598-1605.	0.6	4
71	Assessment of a congenital heart surgery programme: a reappraisal. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018, 27, 417-421.	0.5	3
72	Bilateral Pulmonary Artery Banding before Norwood Procedure: Survival of High-Risk Patients. <i>Thoracic and Cardiovascular Surgeon</i> , 2020, 68, 030-037.	0.4	3

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73	Fontan completion during winter season is not associated with higher mortality or morbidity in the early post-operative period. <i>Cardiology in the Young</i> , 2020, 30, 629-632.	0.4	3
74	Subcoronary Ross/Ross-Konno operation in children and young adults: initial single-centre experience. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 226-233.	0.6	3
75	Pulmonary artery augmentation using decellularized equine pericardium (Matrix Patch [®]): initial single-centre experience. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 1094-1101.	0.6	3
76	Systemic right ventricular morphology in the early postoperative course after extracardiac Fontan operation: is there still a need for special care?. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 51, ezw374.	0.6	2
77	Additional veno-venous gas exchange as a problem-solving strategy for an oxygenator not transferring oxygen in paediatric cardiopulmonary bypass. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017, 25, 687-689.	0.5	2
78	Can Left Atrioventricular Valve Reduction Index (LAVRI) Predict the Surgical Strategy for Repair of Atrioventricular Septal Defect?. <i>Pediatric Cardiology</i> , 2021, 42, 898-905.	0.6	2
79	Family-Centered Care at Pediatric Cardiac Intensive Care Units in Germany and the Relationship With Parent and Infant Well-Being: A Study Protocol. <i>Frontiers in Pediatrics</i> , 2021, 9, 666904.	0.9	2
80	The Impact of Prematurity on Morbidity and Mortality in Newborns with Dextro-transposition of the Great Arteries. <i>Pediatric Cardiology</i> , 2022, 43, 391-400.	0.6	2
81	Outcomes in very low birthweight infants with severe congenital heart defect following cardiac surgery within the first year of life. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	2
82	Endothelial-to-Mesenchymal Transition as Underlying Mechanism for the Formation of Double-Chambered Right Ventricle. <i>Pediatric Cardiology</i> , 2022, , 1.	0.6	2
83	Anomalies of the Left Ventricular Outflow Tract. , 2017, , 531-579.		1
84	Open-heart surgery in neonates: current practice. <i>Journal of Cardiovascular Surgery</i> , 2018, 59, 299-301.	0.3	1
85	Revascularization of Left Subclavian to Common Carotid Artery Prepares for Covered Stent Implantation in Patients With Complex Aortic Coarctation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2022, 17, 237-243.	0.4	1
86	Congenital Aortic Valve Stenosis and Regurgitation. , 2014, , 1577-1598.		0
87	Lung function measurements in very low birth weight infants after patent ductus arteriosus ligation. , 2016, , .		0
88	Optimising the surgical management of neonates with hypoplastic left heart syndrome. <i>Kardiologia Polska</i> , 2018, 76, 1668-1670.	0.3	0
89	Hypothermia for cardiogenic encephalopathy in neonates with dextro-transposition of the great arteries. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 32, 130-136.	0.5	0
90	Anatomic Repair of Congenitally Corrected Transposition: Reappraisal of Eligibility Criteria. <i>Pediatric Cardiology</i> , 2022, 43, 1214-1222.	0.6	0

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91	Different ascending aortic phenotypes with similar mutations in 2 patients with Loeys-Dietz syndrome type 2. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, 35, .	0.5	0