

# Jia Li

## List of Publications by Year in descending order

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38  
papers

976  
citations

516710

16  
h-index

434195

31  
g-index

46  
all docs

46  
docs citations

46  
times ranked

838  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of carbon dioxide on systemic oxygenation, oxygen consumption, and blood lactate levels after bidirectional superior cavopulmonary anastomosis*. <i>Critical Care Medicine</i> , 2005, 33, 984-989.	0.9	102
2	Effect of inhaled hydrogen sulfide on metabolic responses in anesthetized, paralyzed, and mechanically ventilated piglets*. <i>Pediatric Critical Care Medicine</i> , 2008, 9, 110-112.	0.5	97
3	Profiles of hemodynamics and oxygen transport derived by using continuous measured oxygen consumption after the Norwood procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 133, 441-448.e3.	0.8	91
4	Adverse Effects of Dopamine on Systemic Hemodynamic Status and Oxygen Transport in Neonates After the Norwood Procedure. <i>Journal of the American College of Cardiology</i> , 2006, 48, 1859-1864.	2.8	74
5	Energy expenditure and caloric and protein intake in infants following the Norwood procedure*. <i>Pediatric Critical Care Medicine</i> , 2008, 9, 55-61.	0.5	74
6	Oxygen consumption after cardiopulmonary bypass surgery in children: Determinants and implications. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000, 119, 525-533.	0.8	70
7	Comparison of the Profiles of Postoperative Systemic Hemodynamics and Oxygen Transport in Neonates After the Hybrid or the Norwood Procedure. <i>Circulation</i> , 2007, 116, 1179-87.	1.6	60
8	The influence of systemic hemodynamics and oxygen transport on cerebral oxygen saturation in neonates after the Norwood procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 135, 83-90.e2.	0.8	45
9	Validity of the LaFarge equation for estimation of oxygen consumption in ventilated children with congenital heart disease younger than 3 yearsâ€”A revisit. <i>American Heart Journal</i> , 2010, 160, 109-114.	2.7	43
10	Carbon dioxideâ€”a complex gas in a complex circulation: Its effects on systemic hemodynamics and oxygen transport, cerebral, and splanchnic circulation in neonates after the Norwood procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 136, 1207-1214.	0.8	33
11	Inclusion of oxygen consumption improves the accuracy of arterial and venous oxygen saturation interpretation after the Norwood procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 131, 1099-1107.	0.8	32
12	An Analysis of Oxygen Consumption and Oxygen Delivery in Euthermic Infants After Cardiopulmonary Bypass With Modified Ultrafiltration. <i>Annals of Thoracic Surgery</i> , 2004, 78, 1389-1396.	1.3	29
13	Accurate measurement of oxygen consumption in children undergoing cardiac catheterization. <i>Catheterization and Cardiovascular Interventions</i> , 2013, 81, 125-132.	1.7	21
14	Early postoperative systemic inflammatory response is an important determinant for adverse 2-year neurodevelopment-associated outcomes after the Norwood procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 202-206.	0.8	21
15	Newborn screening for congenital heart disease using echocardiography and follow-up at high altitude in China. <i>International Journal of Cardiology</i> , 2019, 274, 106-112.	1.7	21
16	Hypoxiaâ€”induced pulmonary hypertensionâ€”Utilizing experiments of nature. <i>British Journal of Pharmacology</i> , 2021, 178, 121-131.	5.4	20
17	Biventricular repair of double-outlet right ventricle with noncommitted ventricular septal defect using intraventricular conduit. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 2397-2403.	0.8	18
18	DNA methylation abnormalities of imprinted genes in congenital heart disease: a pilot study. <i>BMC Medical Genomics</i> , 2021, 14, 4.	1.5	15

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19	Systemic oxygen transport derived by using continuous measured oxygen consumption after the Norwood procedure—a interim review. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2012, 15, 93-101.	1.1	13
20	Energy and Protein Requirements in Children Undergoing Cardiopulmonary Bypass Surgery: Current Problems and Future Direction. <i>Journal of Parenteral and Enteral Nutrition</i> , 2019, 43, 54-62.	2.6	13
21	Significant correlation of comprehensive Aristotle score with total cardiac output during the early postoperative period after the Norwood procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 136, 123-128.	0.8	12
22	Assessment of Energy and Protein Requirements in Relation to Nitrogen Kinetics, Nutrition, and Clinical Outcomes in Infants Receiving Early Enteral Nutrition Following Cardiopulmonary Bypass. <i>Journal of Parenteral and Enteral Nutrition</i> , 2021, 45, 553-566.	2.6	11
23	Insulin-like growth factor 1 improves the relationship between systemic oxygen consumption and delivery in piglets after cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004, 127, 1436-1441.	0.8	9
24	Continuous measurement of oxygen consumption during cardiopulmonary bypass: description of the method and in vivo observations. <i>Annals of Thoracic Surgery</i> , 2004, 77, 1671-1677.	1.3	7
25	Anatomical and hemodynamic evaluations of the heart and pulmonary arterial pressure in healthy children residing at high altitude in China. <i>IJC Heart and Vasculature</i> , 2015, 7, 158-164.	1.1	7
26	Comparison of Profiles of Perioperative Serum C-Reactive Protein Levels in Neonates Undergoing the Norwood Procedure or Arterial Switch Operation. <i>Congenital Heart Disease</i> , 2015, 10, 226-233.	0.2	6
27	Assessment of postoperative risk factors for EEG abnormalities in routine clinical management after paediatric cardiopulmonary bypass. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 33, 301-308.	1.1	6
28	Contemporary Trends and Risk Factors of Hemodynamic and Myocardial Mechanics Derived by the Pressure Recording Analytical Method After Pediatric Cardiopulmonary Bypass. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 687150.	2.4	5
29	Evidence for a significant myocardial contribution to total metabolic burden during hypothermic cardiopulmonary bypass: a study of continuously measured oxygen consumption and arterial lactate levels in pigs. <i>Perfusion (United Kingdom)</i> , 2005, 20, 277-283.	1.0	4
30	Evolution of the concept of oxygen transport in the critically ill, with a focus on children after cardiopulmonary bypass. <i>Cardiology in the Young</i> , 2018, 28, 186-191.	0.8	4
31	Outcomes After Repair of Pulmonary Atresia With Ventricular Septal Defect and Major Aortopulmonary Collateral Arteries: A Tailored Approach in a Developing Setting. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 665038.	2.4	4
32	Midterm Outcomes of Crosslinked Acellular Bovine Jugular Vein Conduit for Right Ventricular Outflow Tract Reconstruction. <i>Frontiers in Pediatrics</i> , 2021, 9, 725030.	1.9	4
33	Outcomes of the Surgical Management of Atrial Isomerism and Functional Single Ventricle: A Single-Centered Cohort From China. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 664752.	2.4	3
34	Response to Letters Regarding Article, “Comparison of the Profiles of Postoperative Systemic Hemodynamics and Oxygen Transport in Neonates After the Hybrid or the Norwood Procedure: A Pilot Study.” <i>Circulation</i> , 2008, 117, .	1.6	1
35	Cardiopulmonary Changes in Healthy Children Residing at High Altitude in China. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 1281-1283.	5.3	1
36	The Fick principle remains accurate to calculate cardiac output under hyperoxia. <i>Acta Anaesthesiologica Scandinavica</i> , 2019, 63, 827-827.	1.6	0

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37	Optimal Frequency for Changing Single-Use Enteral Delivery Sets in Infants after Congenital Heart Surgery: A Randomized Controlled Trial. <i>Journal of the American College of Nutrition</i> , 2022, 41, 140-148.	1.8	0
38	Cognitive Function Mainly Shaped by Socioeconomic Status Rather Than Chronic Hypoxia in Adolescents at High Altitude. <i>High Altitude Medicine and Biology</i> , 0, , .	0.9	0