

Jin-Long Liu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

158
citations

1684188

5
h-index

1199594

12
g-index

23
all docs

23
docs citations

23
times ranked

281
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of a bilayered vascular graft with smooth internal surface for improved hemocompatibility and endothelial cell monolayer formation. <i>Biomaterials</i> , 2018, 181, 1-14.	11.4	64
2	Computational haemodynamic analysis of left pulmonary artery angulation effects on pulmonary blood flow. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 23, 519-525.	1.1	27
3	Use of Computational Fluid Dynamics to Estimate Hemodynamic Effects of Respiration on Hypoplastic Left Heart Syndrome Surgery: Total Cavopulmonary Connection Treatments. <i>Scientific World Journal</i> , The, 2013, 2013, 1-12.	2.1	11
4	Feasibility of Computational Fluid Dynamics for Evaluating the Intraventricular Hemodynamics in Single Right Ventricle Based on Echocardiographic Images. <i>BioMed Research International</i> , 2018, 2018, 1-11.	1.9	7
5	Preoperative Morphological Prediction of Early Reoperation Risk After Primary Repair in Tetralogy of Fallot: A Contemporary Analysis of 83 Cases. <i>Pediatric Cardiology</i> , 2021, 42, 1512-1525.	1.3	7
6	MIR3142HG promotes lipopolysaccharide-induced acute lung injury by regulating miR-450b-5p/HMGB1 axis. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 4205-4215.	3.1	7
7	Medical Image-Based Hemodynamic Analyses in a Study of the Pulmonary Artery in Children With Pulmonary Hypertension Related to Congenital Heart Disease. <i>Frontiers in Pediatrics</i> , 2020, 8, 521936.	1.9	6
8	Hemodynamic Effects of A Simplified Venturi Conduit for Fontan Circulation: A Pilot, In Silico Analysis. <i>Scientific Reports</i> , 2020, 10, 817.	3.3	5
9	Preliminary study of a novel nanofiber-based valve integrated tubular graft as an alternative for a pulmonary valved artery. <i>RSC Advances</i> , 2016, 6, 84837-84846.	3.6	4
10	Effects of Different Modes of Mechanical Ventilation on Aerodynamics of the Patient-specific Airway: A Numerical Study*. , 2019, 2019, 4961-4964.		4
11	Computational Evaluation of Surgical Design for Multisegmental Complex Congenital Tracheal Stenosis. <i>BioMed Research International</i> , 2020, 2020, 1-10.	1.9	3
12	CTA-Based Non-invasive Estimation of Pressure Gradients Across a CoA: a Validation Against Cardiac Catheterisation. <i>Journal of Cardiovascular Translational Research</i> , 2021, 14, 873-882.	2.4	3
13	Hemodynamic analysis of hepatic arteries for the early evaluation of hepatic fibrosis in biliary atresia. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 211, 106400.	4.7	3
14	Hemodynamic analysis of surgical correction for patient-specific aortic coarctation with aortic arch hypoplasia by end-to-side anastomosis. , 2014, , .		2
15	Identification of a Novel 15q21.1 Microdeletion in a Family with Marfan Syndrome. <i>Genetical Research</i> , 2022, 2022, 1-7.	0.9	2
16	Computational aerodynamics of long segment congenital tracheal stenosis with bridging bronchus. , 2015, , .		1
17	Influence of Surgical Methods on Hemodynamics in Supravalvular Aortic Stenosis: A Computational Hemodynamic Analysis. <i>Pediatric Cardiology</i> , 2021, 42, 1730-1739.	1.3	1
18	Effects of Patent Ductus Arteriosus on the Hemodynamics of Modified Blalock-Taussig Shunt Based on Patient-Specific Simulation. <i>Frontiers in Physiology</i> , 2021, 12, 707128.	2.8	1

#	ARTICLE	IF	CITATIONS
19	Hemodynamic influence of surgical methods on systemic-to-pulmonary shunt: Modified Blalock-Taussig shunt versus Melbourne shunt. , 2015, , .		0
20	Growth effects of anastomosis site on patient-specific aortic hemodynamics after coarctation correction: A numerical study. , 2015, , .		0
21	Hemodynamic analysis of controlled antegrade pulmonary blood flow after bidirectional cavopulmonary anastomosis. , 2015, , .		0
22	Influence of Offset on Hemodynamics of Intra-atrial Conduit Fontan's Procedure and Its Clinical Implications. Thoracic and Cardiovascular Surgeon, 2020, 68, 038-044.	1.0	0