Yue-Hin Loke

List of Publications by Year
in descending order

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28	620	933264	677027
papers	citations	10 h-index	22 g-index

32	32	32	674
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Semi-Automatic Planning and Three-Dimensional Electrospinning of Patient-Specific Grafts for Fontan Surgery. IEEE Transactions on Biomedical Engineering, 2022, 69, 186-198.	2.5	9
2	Computational Modeling of Right Ventricular Motion and Intracardiac Flow in Repaired Tetralogy of Fallot. Cardiovascular Engineering and Technology, 2022, 13, 41-54.	0.7	13
3	Computational Fontan Analysis: Preserving Accuracy While Expediting Workflow. World Journal for Pediatric & Congenital Heart Surgery, 2022, 13, 293-301.	0.3	4
4	Virtual Reality Cardiac Surgical Planning Software (CorFix) for Designing Patient-Specific Vascular Grafts: Development and Pilot Usability Study. JMIR Cardio, 2022, 6, e35488.	0.7	3
5	Aorta size mismatch predicts decreased exercise capacity in patients with successfully repaired coarctation of the aorta. Journal of Thoracic and Cardiovascular Surgery, 2021, 162, 183-192.e2.	0.4	9
6	Anomalous Right Coronary Artery off the Pulmonary Artery Strikes When You Least Expect It!. Case, 2021, 5, 110-114.	0.1	0
7	Combining patient-specific, digital 3D models with tele-education for adolescents with CHD. Cardiology in the Young, 2021, , 1-6.	0.4	1
8	Moving beyond size: vorticity and energy loss are correlated with right ventricular dysfunction and exercise intolerance in repaired Tetralogy of Fallot. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 98.	1.6	13
9	Altered hemodynamics by 4D flow cardiovascular magnetic resonance predict exercise intolerance in repaired coarctation of the aorta: an in vitro study. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 99.	1.6	6
10	Short-term Cardiovascular Complications of Multi-system Inflammatory Syndrome in Children (MIS-C) in Adolescents and Children. Current Pediatrics Reports, 2021, 9, 93-103.	1.7	25
11	Society for Cardiovascular Magnetic Resonance 2020 Case of the Week series. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 108.	1.6	7
12	Right ventricular afterload in repaired D-TGA is associated with inefficient flow patterns, rather than stenosis alone. International Journal of Cardiovascular Imaging, 2021, 38, 653.	0.7	1
13	Multisystem inflammatory syndrome in children: Is there a linkage to Kawasaki disease?. Trends in Cardiovascular Medicine, 2020, 30, 389-396.	2.3	71
14	Normal right and left ventricular volumes prospectively obtained from cardiovascular magnetic resonance in awake, healthy, 0- 12 year old children. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 11.	1.6	14
15	Role of surgeon intuition and computer-aided design in Fontan optimization: A computational fluid dynamics simulation study. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, 203-212.e2.	0.4	23
16	A Novel Virtual Reality Medical Image Display System for Group Discussions of Congenital Heart Disease: Development and Usability Testing. JMIR Cardio, 2020, 4, e20633.	0.7	21
17	CorFix: Virtual Reality Cardiac Surgical Planning System for Designing Patient Specific Vascular Grafts. , 2020, , .		4
18	Abstract 16727: Cardiac Complications of SARS CoV-2 Associated Multi-System Inflammatory Syndrome in Children (mis-c). Circulation, 2020, 142, .	1.6	0

#	Article	IF	Citations
19	Blood Flow Dynamics at the Pulmonary Artery Bifurcation. Fluids, 2019, 4, 190.	0.8	12
20	Abnormal Pulmonary Artery Bending Correlates With Increased Right Ventricular Afterload Following the Arterial Switch Operation. World Journal for Pediatric & Congenital Heart Surgery, 2019, 10, 572-581.	0.3	8
21	Computational Study of Pulmonary Flow Patterns After Repair of Transposition of Great Arteries. Journal of Biomechanical Engineering, 2019, 141, .	0.6	9
22	Virtual Cardiac Surgical Planning Through Hemodynamics Simulation and Design Optimization of Fontan Grafts. Lecture Notes in Computer Science, 2019, , 200-208.	1.0	5
23	Virtual surgical planning, flow simulation, and 3-dimensional electrospinning of patient-specific grafts to optimize Fontan hemodynamics. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 1734-1742.	0.4	41
24	Usage of 3D models of tetralogy of Fallot for medical education: impact on learning congenital heart disease. BMC Medical Education, 2017, 17, 54.	1.0	134
25	Virtual Surgery for Conduit Reconstruction of the Right Ventricular Outflow Tract. World Journal for Pediatric & Congenital Heart Surgery, 2017, 8, 391-393.	0.3	14
26	Three-Dimensional Printing of Intracardiac Defects from Three-Dimensional Echocardiographic Images: Feasibility and Relative Accuracy. Journal of the American Society of Echocardiography, 2015, 28, 392-397.	1.2	164
27	Abnormal Diastolic Hemodynamic Forces: A Link Between Right Ventricular Wall Motion, Intracardiac Flow, and Pulmonary Regurgitation in Repaired Tetralogy of Fallot. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	4
28	Statistical shape modeling reveals the link between right ventricular shape, hemodynamic force, and myocardial function in repaired Tetralogy of Fallot patients. American Journal of Physiology - Heart and Circulatory Physiology, 0, , .	1.5	5