

Justin Ryan

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

983
citations

516710

16
h-index

501196

28
g-index

35
all docs

35
docs citations

35
times ranked

1297
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Repair of Anomalous Single Coronary Artery From the Pulmonary Artery (ASCAPA). World Journal for Pediatric & Congenital Heart Surgery, 2022, 13, 511-514. | 0.8 | 1 |
| 2 | Neonatal Myocardial Infarction: A Proposed Algorithm for Coronary Arterial Thrombus Management. Circulation: Cardiovascular Interventions, 2022, 15, 101161CIRCINTERVENTIONS121011664. | 3.9 | 2 |
| 3 | A Posterior Rotational Flap Technique Using Distraction Osteogenesis for Unilateral Lambdoid Craniosynostosis. Journal of Craniofacial Surgery, 2021, 32, 1365-1369. | 0.7 | 4 |
| 4 | Proximal Femur Osteotomy Guided with Patient-Specific 3D Print Technology. JBJS Case Connector, 2021, 11, . | 0.3 | 0 |
| 5 | A guideline for 3D printing terminology in biomedical research utilizing ISO/ASTM standards. 3D Printing in Medicine, 2021, 7, 8. | 3.1 | 48 |
| 6 | Orbital Volumetric Analysis in Patients With Unicoronal Craniosynostosis. Annals of Plastic Surgery, 2021, 86, S367-S373. | 0.9 | 2 |
| 7 | Virtual and augmented reality for biomedical applications. Cell Reports Medicine, 2021, 2, 100348. | 6.5 | 99 |
| 8 | The role of bioresorbable intraluminal airway stents in pediatric tracheobronchial obstruction: A systematic review. International Journal of Pediatric Otorhinolaryngology, 2020, 139, 110405. | 1.0 | 21 |
| 9 | Clinical situations for which 3D printing is considered an appropriate representation or extension of data contained in a medical imaging examination: adult cardiac conditions. 3D Printing in Medicine, 2020, 6, 24. | 3.1 | 9 |
| 10 | The role of 3D printing in pediatric airway obstruction: A systematic review. International Journal of Pediatric Otorhinolaryngology, 2020, 132, 109923. | 1.0 | 27 |
| 11 | Alternative Access in Congenital Heart Disease. JACC: Case Reports, 2020, 2, 1734-1735. | 0.6 | 4 |
| 12 | Bronchus compression relieved by patent ductus arteriosus stenting. Catheterization and Cardiovascular Interventions, 2020, 96, 1434-1438. | 1.7 | 4 |
| 13 | Accelerating massively parallel hemodynamic models of coarctation of the aorta using neural networks. Scientific Reports, 2020, 10, 9508. | 3.3 | 25 |
| 14 | Double Choker: Double Aortic Arch with Bilateral Aortic Coarctation Associated with Heterotaxy-Asplenia Syndrome and Complex Atrioventricular Canal Defect. Case, 2020, 4, 142-145. | 0.3 | 0 |
| 15 | Hepatic Vein Incorporation Into the Azygos System in Heterotaxy and Interrupted Inferior Vena Cava. World Journal for Pediatric & Congenital Heart Surgery, 2019, 10, 330-337. | 0.8 | 8 |
| 16 | The usefulness of incorporating three-dimensional heart models during cardiology consultations in the Neonatal Intensive Care Unit. Journal of Neonatal Nursing, 2019, 25, 9-13. | 0.7 | 1 |
| 17 | Radiological Society of North America (RSNA) 3D printing Special Interest Group (SIG): guidelines for medical 3D printing and appropriateness for clinical scenarios. 3D Printing in Medicine, 2018, 4, 11. | 3.1 | 187 |
| 18 | 3D printing for congenital heart disease: a single site's initial three-year experience. 3D Printing in Medicine, 2018, 4, 10. | 3.1 | 39 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Alternative methods for virtual heart transplantâ€™Size matching for pediatric heart transplantation with and without donor medical images available. <i>Pediatric Transplantation</i> , 2018, 22, e13290. | 1.0 | 28 |
| 20 | Three-dimensional printing. <i>Current Opinion in Cardiology</i> , 2017, 32, 86-92. | 1.8 | 3 |
| 21 | Tetralogy of Fallot with Major Aortopulmonary Collateral Arteries. , 2017, , 69-80. | | 0 |
| 22 | Does the degree of coarctation of the aorta influence wall shear stress focal heterogeneity?. , 2016, 2016, 3429-3432. | | 12 |
| 23 | Hemodynamic Characterization of Geometric Cerebral Aneurysm Templates Treated With Embolic Coils. <i>Journal of Biomechanical Engineering</i> , 2016, 138, 021011. | 1.3 | 17 |
| 24 | Integration of Hybrid and Single Ventricle Rehabilitation Techniques to Treat a Neonate After Iatrogenic Mitral Injury. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2016, 7, 498-501. | 0.8 | 0 |
| 25 | Hemodynamic characterization of geometric cerebral aneurysm templates. <i>Journal of Biomechanics</i> , 2016, 49, 2118-2126. | 2.1 | 7 |
| 26 | Cerebral Aneurysm Clipping Surgery Simulation Using Patient-Specific 3D Printing and Silicone Casting. <i>World Neurosurgery</i> , 2016, 88, 175-181. | 1.3 | 105 |
| 27 | A Novel Approach to Neonatal Management of Tetralogy of Fallot, With Pulmonary Atresia, and Multiple Aortopulmonary Collaterals. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 103-104. | 5.3 | 57 |
| 28 | Ventriculostomy Simulation Using Patient-Specific Ventricular Anatomy, 3D Printing, and Hydrogel Casting. <i>World Neurosurgery</i> , 2015, 84, 1333-1339. | 1.3 | 68 |
| 29 | Computational Fluid Dynamics to Evaluate the Management of a Giant Internal Carotid Artery Aneurysm. <i>World Neurosurgery</i> , 2015, 83, 1057-1065. | 1.3 | 22 |
| 30 | Comparison Among Different High Porosity Stent Configurations: Hemodynamic Effects of Treatment in a Large Cerebral Aneurysm. <i>Journal of Biomechanical Engineering</i> , 2014, 136, 021013. | 1.3 | 10 |
| 31 | Color-coded patient-specific physical models of congenital heart disease. <i>Rapid Prototyping Journal</i> , 2014, 20, 336-343. | 3.2 | 28 |
| 32 | Total artificial heart in the pediatric patient with biventricular heart failure. <i>Perfusion (United Kingdom)</i> , 2014, 29, 101-107. | 1.0 | 34 |
| 33 | Flow diverter effect on cerebral aneurysm hemodynamics: an in vitro comparison of telescoping stents and the Pipeline. <i>Neuroradiology</i> , 2013, 55, 751-758. | 2.2 | 50 |
| 34 | Influence of stent configuration on cerebral aneurysm fluid dynamics. <i>Journal of Biomechanics</i> , 2012, 45, 440-447. | 2.1 | 61 |