

Andrew Taylor

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

4,349
citations

257450
24
h-index

233421
45
g-index

54
all docs

54
docs citations

54
times ranked

9066
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011, 478, 103-109. | 27.8 | 1,855 |
| 2 | Percutaneous Pulmonary Valve Implantation in Humans. <i>Circulation</i> , 2005, 112, 1189-1197. | 1.6 | 440 |
| 3 | Cerebral Magnetic Resonance Biomarkers in Neonatal Encephalopathy: A Meta-analysis. <i>Pediatrics</i> , 2010, 125, e382-e395. | 2.1 | 310 |
| 4 | New Susceptibility Loci Associated with Kidney Disease in Type 1 Diabetes. <i>PLoS Genetics</i> , 2012, 8, e1002921. | 3.5 | 216 |
| 5 | Novel Method of Quantifying Pulmonary Vascular Resistance by Use of Simultaneous Invasive Pressure Monitoring and Phase-Contrast Magnetic Resonance Flow. <i>Circulation</i> , 2004, 110, 826-834. | 1.6 | 156 |
| 6 | First-in-man implantation of a novel percutaneous valve: a new approach to medical device development. <i>EuroIntervention</i> , 2010, 5, 745-750. | 3.2 | 117 |
| 7 | Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , 2017, 6, . | 3.7 | 89 |
| 8 | Minimally invasive perinatal autopsies using magnetic resonance imaging and endoscopic postmortem examination (‘‘keyhole autopsy’’): feasibility and initial experience. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 513-518. | 1.5 | 87 |
| 9 | Association Testing of Previously Reported Variants in a Large Case-Control Meta-analysis of Diabetic Nephropathy. <i>Diabetes</i> , 2012, 61, 2187-2194. | 0.6 | 77 |
| 10 | Physiological and Phenotypic Characteristics of Late Survivors of Tetralogy of Fallot Repair Who Are Free From Pulmonary Valve Replacement. <i>Circulation</i> , 2013, 128, 1861-1868. | 1.6 | 74 |
| 11 | Predictive modeling of the virtual Hemi-Fontan operation for second stage single ventricle palliation: Two patient-specific cases. <i>Journal of Biomechanics</i> , 2013, 46, 423-429. | 2.1 | 71 |
| 12 | Effect of erythropoietin as an adjunct to primary percutaneous coronary intervention: a randomised controlled clinical trial. <i>Heart</i> , 2011, 97, 1560-1565. | 2.9 | 66 |
| 13 | The C Allele of <i>ATM</i> rs11212617 Does Not Associate With Metformin Response in the Diabetes Prevention Program. <i>Diabetes Care</i> , 2012, 35, 1864-1867. | 8.6 | 65 |
| 14 | Branched chain and aromatic amino acids change acutely following two medical therapies for type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 1772-1778. | 3.4 | 63 |
| 15 | Right ventricular outflow tract reconstruction for pulmonary regurgitation after repair of tetralogy of Fallot. Preliminary results. <i>European Journal of Cardio-thoracic Surgery</i> , 2007, 31, 654-658. | 1.4 | 60 |
| 16 | An integrated approach to patient-specific predictive modeling for single ventricle heart palliation. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2014, 17, 1572-1589. | 1.6 | 55 |
| 17 | Calculation of a Subject-Specific Adaptive Motion-Correction Factor for Improved Real-Time Navigator Echo-Gated Magnetic Resonance Coronary Angiography. <i>Journal of Cardiovascular Magnetic Resonance</i> , 1999, 1, 131-138. | 3.3 | 54 |
| 18 | Recommendations for accurate CT diagnosis of suspected acute aortic syndrome (AAS) on behalf of the British Society of Cardiovascular Imaging (BSCI)/British Society of Cardiovascular CT (BSCCT). <i>British Journal of Radiology</i> , 2016, 89, 20150705. | 2.2 | 51 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Detection and Grading of Coronary Allograft Vasculopathy in Children With Contrast-Enhanced Magnetic Resonance Imaging of the Coronary Vessel Wall. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 91-98. | 2.6 | 34 |
| 20 | Genetic Modulation of Lipid Profiles following Lifestyle Modification or Metformin Treatment: The Diabetes Prevention Program. <i>PLoS Genetics</i> , 2012, 8, e1002895. | 3.5 | 29 |
| 21 | Use of the Intravascular Contrast Agent NC100150 Injection in Spin-Echo and Gradient-Echo Imaging of the Heart. <i>Journal of Cardiovascular Magnetic Resonance</i> , 1999, 1, 23-32. | 3.3 | 29 |
| 22 | Effect of Abnormal Pulmonary Flow Distribution on Ventilatory Efficiency and Exercise Capacity After Arterial Switch Operation for Transposition of Great Arteries. <i>American Journal of Cardiology</i> , 2010, 106, 1023-1028. | 1.6 | 28 |
| 23 | A prospective audit of safety issues associated with general anesthesia for pediatric cardiac magnetic resonance imaging. <i>Paediatric Anaesthesia</i> , 2012, 22, 1087-1093. | 1.1 | 28 |
| 24 | Looks Do Matter! Aortic Arch Shape After Hypoplastic Left Heart Syndrome Palliation Correlates With Cavopulmonary Outcomes. <i>Annals of Thoracic Surgery</i> , 2017, 103, 645-654. | 1.3 | 26 |
| 25 | Sequential segmental analysis of the crocodilian heart. <i>Journal of Anatomy</i> , 2017, 231, 484-499. | 1.5 | 25 |
| 26 | An interactive simulation tool for patient-specific clinical decision support in single-ventricle physiology. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 712-721. | 0.8 | 24 |
| 27 | Real-time flow with fast GPU reconstruction for continuous assessment of cardiac output. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 1477-1482. | 3.4 | 21 |
| 28 | The Influence of Rare Genetic Variation in <i>SLC30A8</i> on Diabetes Incidence and β -Cell Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E926-E930. | 3.6 | 20 |
| 29 | The Study to Understand the Genetics of the Acute Response to Metformin and Glipizide in Humans (SUGAR-MGH): Design of a pharmacogenetic Resource for Type 2 Diabetes. <i>PLoS ONE</i> , 2015, 10, e0121553. | 2.5 | 20 |
| 30 | Echocardiographic assessment of diastolic biventricular properties in patients operated for severe pulmonary regurgitation and association with exercise capacity. <i>European Heart Journal Cardiovascular Imaging</i> , 2012, 13, 697-702. | 1.2 | 18 |
| 31 | Validation and Application of Single Breath-Hold Cine Cardiac MR for Ventricular Function Assessment in Children with Congenital Heart Disease at Rest and During Adenosine Stress#. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2005, 7, 743-751. | 3.3 | 17 |
| 32 | Experimental Setup to Evaluate the Performance of Percutaneous Pulmonary Valved Stent in Different Outflow Tract Morphologies. <i>Artificial Organs</i> , 2009, 33, 46-53. | 1.9 | 16 |
| 33 | A multiscale model for the study of cardiac biomechanics in single-ventricle surgeries: a clinical case. <i>Interface Focus</i> , 2015, 5, 20140079. | 3.0 | 16 |
| 34 | Post-Mortem Imaging Adjudicated Sudden Death: Causes and Controversies. <i>Heart Lung and Circulation</i> , 2019, 28, 15-21. | 0.4 | 16 |
| 35 | How do angioplasty balloons work: a computational study on balloon expansion forces. <i>EuroIntervention</i> , 2010, 6, 638-642. | 3.2 | 16 |
| 36 | Assessment of cardiac time intervals using high temporal resolution real-time spiral phase contrast with UNFOLDed-SENSE. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 749-756. | 3.0 | 11 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Percutaneous pulmonary valve replacement after different duration of free pulmonary regurgitation in a porcine model: Effects on the right ventricle. International Journal of Cardiology, 2013, 167, 2944-2951. | 1.7 | 9 |
| 38 | Multiscale Modeling of Superior Cavopulmonary Circulation: Hemi-Fontan and Bidirectional Glenn Are Equivalent. Seminars in Thoracic and Cardiovascular Surgery, 2020, 32, 883-892. | 0.6 | 9 |
| 39 | Echocardiographic arterial measurements in complex congenital diseases before bidirectional Glenn: comparison with cardiovascular magnetic resonance imaging. European Heart Journal Cardiovascular Imaging, 2017, 18, jew069. | 1.2 | 8 |
| 40 | Percutaneous treatment of a giant right ventricular outflow tract pseudo-aneurysm and severe pulmonary regurgitation. European Heart Journal, 2007, 28, 2086-2086. | 2.2 | 5 |
| 41 | CMR-based 3D statistical shape modelling reveals left ventricular morphological differences between healthy controls and arterial switch operation survivors. Journal of Cardiovascular Magnetic Resonance, 2016, 18, Q2. | 3.3 | 5 |
| 42 | Impact of the COVID-19 pandemic on radiology appointments in a tertiary children's hospital: a retrospective study. BMJ Paediatrics Open, 2021, 5, e001210. | 1.4 | 5 |
| 43 | Unwarranted caution from the EU will affect MRI use and patient care. British Journal of Hospital Medicine (London, England: 2005), 2006, 67, 174-175. | 0.5 | 3 |
| 44 | Cross-Modality Assessment and Planning for Pulmonary Trunk Treatment Using CT and MRI Imaging. Lecture Notes in Computer Science, 2010, 13, 460-467. | 1.3 | 2 |
| 45 | Finite Element Analysis to Study Percutaneous Heart Valves. , 0, , . | | 1 |
| 46 | Implementation of a Heterogeneous Image Reconstruction System for Clinical Magnetic Resonance. Lecture Notes in Computer Science, 2014, , 469-479. | 1.3 | 1 |
| 47 | Cardiovascular Modeling. Medical Radiology, 2011, , 669-694. | 0.1 | 0 |
| 48 | New insights in ventriculo-arterial coupling and ventricular shape in repaired tetralogy of Fallot: a retrospective cohort study. Journal of Cardiovascular Magnetic Resonance, 2016, 18, O118. | 3.3 | 0 |
| 49 | Redistribution of organ specific blood flow in response to food ingestion measured by R-R-interval averaged golden-angle spiral phase contrast MRI. Journal of Cardiovascular Magnetic Resonance, 2016, 18, O92. | 3.3 | 0 |
| 50 | 54...Faecal calprotectin levels in infants with congenital heart disease: cross-sectional pilot study. , 2019, , . | | 0 |