

Andrew Taylor

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

4,349
citations

293460

24
h-index

263392

45
g-index

54
all docs

54
docs citations

54
times ranked

10024
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.	13.7	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.	1.0	310
4	New Susceptibility Loci Associated with Kidney Disease in Type 1 Diabetes. <i>PLoS Genetics</i> , 2012, 8, e1002921.	1.5	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.	1.4	117
7	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	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.	0.7	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.	0.3	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.	0.9	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.	1.2	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.	4.3	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.	1.5	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.	0.6	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.	0.9	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.	1.6	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.	1.0	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.	1.3	34
20	Genetic Modulation of Lipid Profiles following Lifestyle Modification or Metformin Treatment: The Diabetes Prevention Program. <i>PLoS Genetics</i> , 2012, 8, e1002895.	1.5	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.	1.6	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.	0.7	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.	0.6	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.	0.7	26
25	Sequential segmental analysis of the crocodilian heart. <i>Journal of Anatomy</i> , 2017, 231, 484-499.	0.9	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.	0.4	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.	1.9	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.	1.8	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.	1.1	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.	0.5	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.	1.6	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.	1.0	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.	1.5	16
34	Post-Mortem Imaging Adjudicated Sudden Death: Causes and Controversies. <i>Heart Lung and Circulation</i> , 2019, 28, 15-21.	0.2	16
35	How do angioplasty balloons work: a computational study on balloon expansion forces. <i>EuroIntervention</i> , 2010, 6, 638-642.	1.4	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.	1.9	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. <i>International Journal of Cardiology</i> , 2013, 167, 2944-2951.	0.8	9
38	Multiscale Modeling of Superior Cavopulmonary Circulation: Hemi-Fontan and Bidirectional Glenn Are Equivalent. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2020, 32, 883-892.	0.4	9
39	Echocardiographic arterial measurements in complex congenital diseases before bidirectional Glenn: comparison with cardiovascular magnetic resonance imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, jew069.	0.5	8
40	Percutaneous treatment of a giant right ventricular outflow tract pseudo-aneurysm and severe pulmonary regurgitation. <i>European Heart Journal</i> , 2007, 28, 2086-2086.	1.0	5
41	CMR-based 3D statistical shape modelling reveals left ventricular morphological differences between healthy controls and arterial switch operation survivors. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, Q2.	1.6	5
42	Impact of the COVID-19 pandemic on radiology appointments in a tertiary children's hospital: a retrospective study. <i>BMJ Paediatrics Open</i> , 2021, 5, e001210.	0.6	5
43	Unwarranted caution from the EU will affect MRI use and patient care. <i>British Journal of Hospital Medicine (London, England: 2005)</i> , 2006, 67, 174-175.	0.2	3
44	Cross-Modality Assessment and Planning for Pulmonary Trunk Treatment Using CT and MRI Imaging. <i>Lecture Notes in Computer Science</i> , 2010, 13, 460-467.	1.0	2
45	Finite Element Analysis to Study Percutaneous Heart Valves. , 0, , .		1
46	Implementation of a Heterogeneous Image Reconstruction System for Clinical Magnetic Resonance. <i>Lecture Notes in Computer Science</i> , 2014, , 469-479.	1.0	1
47	Cardiovascular Modeling. <i>Medical Radiology</i> , 2011, , 669-694.	0.0	0
48	New insights in ventriculo-arterial coupling and ventricular shape in repaired tetralogy of Fallot: a retrospective cohort study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, O118.	1.6	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. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, O92.	1.6	0
50	54...Faecal calprotectin levels in infants with congenital heart disease: cross-sectional pilot study. , 2019, , .		0