Robert H Anderson

List of Publications by Year in descending order

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455 papers

17,018 citations

68 h-index 22166 113 g-index

466 all docs

466 docs citations

466 times ranked 9930 citing authors

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Anatomy of the Left Atrium: Journal of Cardiovascular Electrophysiology, 1999, 10, 1525-1533. | 1.7 | 649 |
| 2 | Anatomy of the Aortic Valvar Complex and Its Implications for Transcatheter Implantation of the Aortic Valve. Circulation: Cardiovascular Interventions, 2008, 1, 74-81. | 3.9 | 525 |
| 3 | Developmental patterning of the myocardium. The Anatomical Record, 2000, 258, 319-337. | 1.8 | 520 |
| 4 | Anatomy of the pig heart: comparisons with normal human cardiac structure. Journal of Anatomy, 1998, 193, 105-119. | 1.5 | 376 |
| 5 | The Conducting Tissues in Congenitally Corrected Transposition. Circulation, 1974, 50, 911-923. | 1.6 | 370 |
| 6 | Molecular Architecture of the Human Sinus Node. Circulation, 2009, 119, 1562-1575. | 1.6 | 344 |
| 7 | Atrial structure and fibres: morphologic bases of atrial conduction. Cardiovascular Research, 2002, 54, 325-336. | 3.8 | 339 |
| 8 | Lineage and Morphogenetic Analysis of the Cardiac Valves. Circulation Research, 2004, 95, 645-654. | 4.5 | 334 |
| 9 | Early and Persistent Intraventricular Conduction Abnormalities and Requirements for Pacemaking After Percutaneous Replacement of the Aortic Valve. JACC: Cardiovascular Interventions, 2008, 1, 310-316. | 2.9 | 323 |
| 10 | The forgotten interleaflet triangles: A review of the surgical anatomy of the aortic valve. Annals of Thoracic Surgery, 1995, 59, 419-427. | 1.3 | 266 |
| 11 | The nomenclature, definition and classification of cardiac structures in the setting of heterotaxy. Cardiology in the Young, 2007, 17, 1-28. | 0.8 | 248 |
| 12 | Atrial appendages and venoatrial connections in hearts from patients with visceral heterotaxy. Annals of Thoracic Surgery, 1995, 60, 561-569. | 1.3 | 217 |
| 13 | Sequential segmental analysis of congenital heart disease. Pediatric Cardiology, 1984, 5, 281-287. | 1.3 | 208 |
| 14 | Formation of the Tricuspid Valve in the Human Heart. Circulation, 1995, 91, 111-121. | 1.6 | 194 |
| 15 | Cited2 controls left-right patterning and heart development through a Nodal-Pitx2c pathway. Nature Genetics, 2004, 36, 1189-1196. | 21.4 | 190 |
| 16 | Development of the heart: (3) Formation of the ventricular outflow tracts, arterial valves, and intrapericardial arterial trunks. British Heart Journal, 2003, 89, 1110-1118. | 2.1 | 177 |
| 17 | The Architecture of the Atrial Musculature Between the Orifice of the Inferior Caval Vein and the Tricuspid Valve: The Anatomy of the Isthmus. Journal of Cardiovascular Electrophysiology, 1998, 9, 1186-1195. | 1.7 | 174 |
| 18 | A Combined Morphological and Electrophysiological Study of the Atrioventricular Node of the Rabbit Heart. Circulation Research, 1974, 35, 909-922. | 4.5 | 165 |

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| 19 | Development and structure of the atrial septum. British Heart Journal, 2002, 88, 104-110. | 2.1 | 156 |
| 20 | Cardiac anatomy revisited. Journal of Anatomy, 2004, 205, 159-177. | 1.5 | 156 |
| 21 | Structure, function and clinical relevance of the cardiac conduction system, including the atrioventricular ring and outflow tract tissues., 2013, 139, 260-288. | | 156 |
| 22 | Development of the heart: (2) Septation of the atriums and ventricles. British Heart Journal, 2003, 89, 949-958. | 2.1 | 153 |
| 23 | Formation of the Atrioventricular Septal Structures in the Normal Mouse. Circulation Research, 1998, 82, 645-656. | 4.5 | 142 |
| 24 | Criss-Cross Atrioventricular Relationships Producing Paradoxical Atrioventricular Concordance or Discordance. Circulation, 1974, 50, 176-180. | 1.6 | 139 |
| 25 | Further observations on the morphology of atrioventricular septal defects. Journal of Thoracic and Cardiovascular Surgery, 1985, 90, 611-622. | 0.8 | 131 |
| 26 | Anatomy of the human atrioventricular junctions revisited. The Anatomical Record, 2000, 260, 81-91. | 1.8 | 131 |
| 27 | Straddling and overriding atrioventricular valves: Morphology and classification. American Journal of Cardiology, 1979, 44, 1122-1134. | 1.6 | 128 |
| 28 | Living Anatomy of the Atrioventricular Junctions. A Guide to Electrophysiologic Mapping. Circulation, 1999, 100, e31-7. | 1.6 | 127 |
| 29 | The anatomical arrangement of the myocardial cells making up the ventricular mass. European Journal of Cardio-thoracic Surgery, 2005, 28, 517-525. | 1.4 | 126 |
| 30 | Ventricular septal defect. Orphanet Journal of Rare Diseases, 2014, 9, 144. | 2.7 | 124 |
| 31 | Disposition of the atrioventricular conduction tissues in the heart with isomerism of the atrial appendages: Its relation to congenital complete heart block. Journal of the American College of Cardiology, 1992, 20, 904-910. | 2.8 | 117 |
| 32 | Development of the human pulmonary vein and its incorporation in the morphologically left atrium. Cardiology in the Young, $2001, 11, 632-642$. | 0.8 | 117 |
| 33 | Analysis of visceral heterotaxy according to splenic status, appendage morphology, or both. American Journal of Cardiology, 1995, 76, 846-849. | 1.6 | 116 |
| 34 | Developmental Origin, Growth, and Three-Dimensional Architecture of the Atrioventricular Conduction Axis of the Mouse Heart. Circulation Research, 2010, 107, 728-736. | 4. 5 | 116 |
| 35 | Septation and separation within the outflow tract of the developing heart. Journal of Anatomy, 2003, 202, 327-342. | 1.5 | 114 |

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| 37 | The extent of the specialized atrioventricular ring tissues. Heart Rhythm, 2009, 6, 672-680. | 0.7 | 112 |
| 38 | Nomenclature for congenital and paediatric cardiac disease: the International Paediatric and Congenital Cardiac Code (IPCCC) and the Eleventh Iteration of the International Classification of Diseases (ICD-11). Cardiology in the Young, 2017, 27, 1872-1938. | 0.8 | 109 |
| 39 | Normal and abnormal development of the intrapericardial arterial trunks in humans and mice. Cardiovascular Research, 2012, 95, 108-115. | 3.8 | 106 |
| 40 | Neural crest cells are required for correct positioning of the developing outflow cushions and pattern the arterial valve leaflets. Cardiovascular Research, 2013, 99, 452-460. | 3.8 | 106 |
| 41 | Tbx 1 Coordinates Addition of Posterior Second Heart Field Progenitor Cells to the Arterial and Venous Poles of the Heart. Circulation Research, 2014, 115 , $790-799$. | 4.5 | 105 |
| 42 | High resolution 3-Dimensional imaging of the human cardiac conduction system from microanatomy to mathematical modeling. Scientific Reports, 2017, 7, 7188. | 3.3 | 104 |
| 43 | Development and structures of the venous pole of the heart. Developmental Dynamics, 2006, 235, 2-9. | 1.8 | 103 |
| 44 | Clinical anatomy of the atrial septum with reference to its developmental components. , 1999 , 12 , $362-374$. | | 102 |
| 45 | Anatomically sound, simplified approach to repair of "complete―atrioventricular septal defect. Annals of Thoracic Surgery, 1997, 64, 487-494. | 1.3 | 101 |
| 46 | Anatomic-Electrophysiological Correlations Concerning the Pathways for Atrioventricular Conduction. Circulation, 2001, 103, 2660-2667. | 1.6 | 100 |
| 47 | Controversies, genetics, diagnostic assessment, and outcomes relating to the heterotaxy syndrome. Cardiology in the Young, 2007, 17, 29-43. | 0.8 | 100 |
| 48 | Key Questions Relating to Left Ventricular Noncompaction Cardiomyopathy: Is the Emperor Still Wearing Any Clothes?. Canadian Journal of Cardiology, 2017, 33, 747-757. | 1.7 | 99 |
| 49 | Classification of Ventricular Septal DefectsÂforÂthe Eleventh Iteration of the International Classification of Diseasesâ€"Striving for Consensus: A Report From the International Society for Nomenclature of Paediatric and Congenital Heart Disease. Annals of Thoracic Surgery, 2018, 106, 1578-1589. | 1.3 | 97 |
| 50 | Localisation and quantitation of autonomic innervation in the porcine heart I: conduction system. Journal of Anatomy, 1999, 195, 341-357. | 1.5 | 96 |
| 51 | Left-sided obstructive lesions in atrioventricular septal defects. Journal of Thoracic and Cardiovascular Surgery, 1982, 83, 453-460. | 0.8 | 95 |
| 52 | Topographic Anatomy of the Inferior Pyramidal Space: Relevance to Radiofrequency Catheter Ablation. Journal of Cardiovascular Electrophysiology, 2001, 12, 210-217. | 1.7 | 95 |
| 53 | The Architecture of the Sinus Node, the Atrioventricular Conduction Axis, and the Internodal Atrial Myocardium. Journal of Cardiovascular Electrophysiology, 1998, 9, 1233-1248. | 1.7 | 94 |
| 54 | The diverse cardiac morphology seen in hearts with isomerism of the atrial appendages with reference to the disposition of the specialised conduction system. Cardiology in the Young, 2006, 16, 437-454. | 0.8 | 92 |

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| 55 | Location of the coronary arterial orifices in the normal heart. , 1997, 10, 297-302. | | 90 |
| 56 | Development of the murine pulmonary vein and its relationship to the embryonic venous sinus., 1998, 250, 325-334. | | 89 |
| 57 | Persistent 5th aortic arch — a great pretender: three new covert cases. International Journal of Cardiology, 1989, 23, 239-247. | 1.7 | 88 |
| 58 | The anatomy of the heart revisited. , 1996, 246, 1-7. | | 87 |
| 59 | Three-dimensional architecture of the left ventricular myocardium. The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology, 2006, 288A, 565-578. | 2.0 | 87 |
| 60 | Anomalous origin of the left coronary artery from the pulmonary trunk. Journal of Thoracic and Cardiovascular Surgery, 1989, 98, 16-24. | 0.8 | 85 |
| 61 | Morphologic spectrum of ebstein's malformation: Revisitation relative to surgical repair. Journal of Thoracic and Cardiovascular Surgery, 1999, 117, 148-155. | 0.8 | 82 |
| 62 | Diagnosis and significance of atrial isomerism. American Journal of Cardiology, 1986, 58, 342-346. | 1.6 | 79 |
| 63 | Sequential segmental analysis - description and categorization for the millennium. Cardiology in the Young, 1997, 7, 98-116. | 0.8 | 79 |
| 64 | The Threeâ€Dimensional Arrangement of the Myocytes Aggregated Together Within the Mammalian Ventricular Myocardium. Anatomical Record, 2009, 292, 1-11. | 1.4 | 79 |
| 65 | The clinical anatomy of tetralogy of Fallot. Cardiology in the Young, 2005, 15, 38-47. | 0.8 | 78 |
| 66 | Molecular Analysis of Patterning of Conduction Tissues in the Developing Human Heart. Circulation: Arrhythmia and Electrophysiology, 2011, 4, 532-542. | 4.8 | 78 |
| 67 | Localisation and quantitation of autonomic innervation in the porcine heart II: endocardium, myocardium and epicardium. Journal of Anatomy, 1999, 195, 359-373. | 1.5 | 77 |
| 68 | The practical clinical value of three-dimensional models of complex congenitally malformed hearts. Journal of Thoracic and Cardiovascular Surgery, 2009, 138, 571-580. | 0.8 | 76 |
| 69 | Cardiovascular Defects Associated With Abnormalities in Midline Development in the <i>Loop-tail</i> Mouse Mutant. Circulation Research, 2001, 89, 6-12. | 4.5 | 72 |
| 70 | Divided right atrium (prominence of the eustachian and thebesian valves). Journal of Thoracic and Cardiovascular Surgery, 1988, 96, 457-463. | 0.8 | 71 |
| 71 | The diagnostic features of atrioventricular septal defect with common atrioventricular junction. Cardiology in the Young, 1998, 8, 33-49. | 0.8 | 71 |
| 72 | Distribution of the Purkinje fibres in the sheep heart. , 1999, 254, 92-97. | | 71 |

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| 73 | The Architecture of the Atrioventricular Conduction Axis in Dog Compared to Man: Journal of Cardiovascular Electrophysiology, 1995, 6, 26-39. | 1.7 | 70 |
| 74 | Threeâ€dimensional and molecular analysis of the arterial pole of the developing human heart. Journal of Anatomy, 2012, 220, 336-349. | 1.5 | 67 |
| 75 | Identification of a hybrid myocardial zone in the mammalian heart after birth. Nature Communications, 2017, 8, 87. | 12.8 | 67 |
| 76 | Two Distinct Pools of Mesenchyme Contribute to the Development of the Atrial Septum. Circulation Research, 2006, 99, 351-353. | 4.5 | 66 |
| 77 | The Development of Septation in the Fourâ€Chambered Heart. Anatomical Record, 2014, 297, 1414-1429. | 1.4 | 64 |
| 78 | The importance of attitudinally appropriate description of cardiac anatomy. Clinical Anatomy, 2009, 22, 47-51. | 2.7 | 62 |
| 79 | Anatomy of the muscular subpulmonary infundibulum with regard to the Ross procedure. Annals of Thoracic Surgery, 2000, 69, 556-561. | 1.3 | 61 |
| 80 | Nomenclature of the functionally univentricular heart. Cardiology in the Young, 2006, 16, 3-8. | 0.8 | 60 |
| 81 | Clinical anatomy of the atrioventricular junctions. Journal of the American College of Cardiology, 1994, 24, 1725-1731. | 2.8 | 58 |
| 82 | Sequential segmental analysis. Annals of Pediatric Cardiology, 2009, 2, 24. | 0.5 | 58 |
| 83 | Three-Dimensional and Molecular Analysis of the Venous Pole of the Developing Human Heart. Circulation, 2010, 122, 798-807. | 1.6 | 57 |
| 84 | Expression of the BMP Receptor Alk3 in the Second Heart Field Is Essential for Development of the Dorsal Mesenchymal Protrusion and Atrioventricular Septation. Circulation Research, 2013, 112, 1420-1432. | 4.5 | 57 |
| 85 | Fibrous Skeleton of the Heart: Anatomic Overview and Evaluation of Pathologic Conditions with CT and MR Imaging. Radiographics, 2017, 37, 1330-1351. | 3.3 | 57 |
| 86 | Defective lateralisation in children with congenitally malformed hearts. Cardiology in the Young, 1998, 8, 512-531. | 0.8 | 56 |
| 87 | Anatomy, echocardiography, and surgical approach to double outlet right ventricle. Cardiology in the Young, 2008, 18, 39-51. | 0.8 | 56 |
| 88 | Classification of the functionally univentricular heart: unity from mapped codes. Cardiology in the Young, 2006, 16, 9-21. | 0.8 | 55 |
| 89 | Clarification of the identity of the mammalian fifth pharyngeal arch artery. Clinical Anatomy, 2013, 26, 173-182. | 2.7 | 54 |
| 90 | Development and Morphology of the Ventricular Outflow Tracts. World Journal for Pediatric & Samp; Congenital Heart Surgery, 2016, 7, 561-577. | 0.8 | 54 |

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| 91 | What is the real cardiac anatomy?. Clinical Anatomy, 2019, 32, 288-309. | 2.7 | 54 |
| 92 | Revisiting the Anatomy of the Living Heart. Circulation Journal, 2016, 80, 24-33. | 1.6 | 53 |
| 93 | Mechanisms of Deficient Cardiac Septation in the Mouse With Trisomy 16. Circulation Research, 1999, 84, 897-905. | 4.5 | 52 |
| 94 | Septation and valvar formation in the outflow tract of the embryonic chick heart. The Anatomical Record, 2001, 264, 273-283. | 1.8 | 52 |
| 95 | Gross Structure of the Atriums: More Than an Anatomic Curiosity?. PACE - Pacing and Clinical Electrophysiology, 2002, 25, 342-350. | 1.2 | 52 |
| 96 | Double-outlet right ventricle revisited. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 598-604. | 0.8 | 51 |
| 97 | Re-evaluation of the structure of the atrioventricular node and its connections with the atrium. Europace, 2020, 22, 821-830. | 1.7 | 51 |
| 98 | Anatomical predictors of conduction damage after transcatheter implantation of the aortic valve. Open Heart, 2019, 6, e000972. | 2.3 | 50 |
| 99 | Disharmony between atrioventricular connections and segmental combinations: Unusual variants of "crisscross―hearts. Journal of the American College of Cardiology, 1987, 10, 1274-1277. | 2.8 | 48 |
| 100 | Heuristic problems in defining the three-dimensional arrangement of the ventricular myocytes. The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology, 2006, 288A, 579-586. | 2.0 | 48 |
| 101 | Double outlet right ventricle. Cardiology in the Young, 2001, 11, 329-344. | 0.8 | 47 |
| 102 | Hearts with isomerism of the right atrial appendages – one of the worst forms of disease in 2005. Cardiology in the Young, 2005, 15, 554. | 0.8 | 47 |
| 103 | The myocardium and its fibrous matrix working in concert as a spatially netted mesh: a critical review of the purported tertiary structure of the ventricular massâ ⁻ †. European Journal of Cardio-thoracic Surgery, 2006, 29, S41-S49. | 1.4 | 47 |
| 104 | How Constant Anatomically is the Tendon of Todaro as a Marker for the Triangle of Koch?. Journal of Cardiovascular Electrophysiology, 2000, 11, 83-89. | 1.7 | 46 |
| 105 | A Mouse Model of Human Congenital Heart Disease. Circulation: Cardiovascular Genetics, 2014, 7, 423-433. | 5.1 | 46 |
| 106 | Variable Arrangement of the Atrioventricular Conduction Axis WithinÂthe Triangle of Koch. JACC: Clinical Electrophysiology, 2020, 6, 362-377. | 3.2 | 45 |
| 107 | The Morphology of the Specialized Atrioventricular Junctional Area: The Evolution of Understanding. PACE - Pacing and Clinical Electrophysiology, 2002, 25, 957-966. | 1.2 | 44 |
| 108 | Morphology and Morphogenesis of Atrioventricular Septal Defect With Common Atrioventricular Junction. World Journal for Pediatric & Congenital Heart Surgery, 2010, 1, 59-67. | 0.8 | 44 |

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| 109 | The Significance of the Interleaflet Triangles in Determining the Morphology of Congenitally Abnormal Aortic Valves: Implications for Noninvasive Imaging and Surgical Management. Journal of the American Society of Echocardiography, 2016, 29, 1131-1143. | 2.8 | 44 |
| 110 | The structure of the mouse heart in late fetal stages. Anatomy and Embryology, 1996, 194, 37-47. | 1.5 | 40 |
| 111 | Isomerism or heterotaxy: which term leads to better understanding?. Cardiology in the Young, 2015, 25, 1037-1043. | 0.8 | 40 |
| 112 | Assessment of the anatomical variation to be found in the normal tricuspid valve. Clinical Anatomy, 2016, 29, 399-407. | 2.7 | 40 |
| 113 | The nature of the superior sinus venosus defect. , 1998, 11, 349-352. | | 39 |
| 114 | The structure and components of the atrial chambers. Europace, 2007, 9, vi3-vi9. | 1.7 | 39 |
| 115 | Hypoplastic Left Heart Syndrome: A New Paradigm for an Old Disease?. Journal of Cardiovascular Development and Disease, 2019, 6, 10. | 1.6 | 38 |
| 116 | Development of the outflow tracts with reference to aortopulmonary windows and aortoventricular tunnels. Cardiology in the Young, 2010, 20, 92-99. | 0.8 | 37 |
| 117 | Veno-venous bridges: the forerunners of the sinus venosus defect. Cardiology in the Young, 2011, 21, 623-630. | 0.8 | 37 |
| 118 | The end of the unique myocardial band: Part I. Anatomical considerations. European Journal of Cardio-thoracic Surgery, 2018, 53, 112-119. | 1.4 | 37 |
| 119 | Endocardial ablation of ventricular ectopic beats arising from the basal inferoseptal process of the left ventricle. Heart Rhythm, 2018, 15, 1356-1362. | 0.7 | 37 |
| 120 | Chronic Arrhythmias in the Setting of Heterotaxy: Differences between Right and Left Isomerism. Congenital Heart Disease, 2016, 11, 7-18. | 0.2 | 36 |
| 121 | Clarifying the anatomy of the fifth arch artery. Annals of Pediatric Cardiology, 2016, 9, 62. | 0.5 | 36 |
| 122 | The Anatomy of the Conduction System: Implications for the Clinical Cardiologist. Journal of Cardiovascular Translational Research, 2013, 6, 187-196. | 2.4 | 35 |
| 123 | The anatomy of the aortic root. Clinical Anatomy, 2014, 27, 748-756. | 2.7 | 35 |
| 124 | The anatomy of interatrial communications – what does the interventionist need to know?. Cardiology in the Young, 2000, 10, 464-473. | 0.8 | 34 |
| 125 | Fluoroscopic Cardiac Anatomy for Catheter Ablation of Tachycardia. PACE - Pacing and Clinical Electrophysiology, 2002, 25, 76-94. | 1.2 | 34 |
| 126 | Surgical repair of supposedly multiple defects within the apical part of the muscular ventricular septum. Annals of Thoracic Surgery, 2002, 73, 58-62. | 1.3 | 33 |

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| 127 | Statistical Analysis of the Angle of Intrusion of Porcine Ventricular Myocytes from Epicardium to Endocardium Using Diffusion Tensor Magnetic Resonance Imaging. Anatomical Record, 2007, 290, 1413-1423. | 1.4 | 33 |
| 128 | Myths and Realities Relating to Development of the Arterial Valves. Journal of Cardiovascular Development and Disease, 2014, 1, 177-200. | 1.6 | 33 |
| 129 | Development of the atrial septum in relation to postnatal anatomy and interatrial communications. Heart, 2017, 103, 456-462. | 2.9 | 33 |
| 130 | Variations in rotation of the aortic root and membranous septum with implications for transcatheter valve implantation. Heart, 2018, 104, 999-1005. | 2.9 | 33 |
| 131 | Complete transposition of the great arteries: Types and morphogenesis of ventriculoarterial discordance. American Heart Journal, 1981, 102, 271-281. | 2.7 | 32 |
| 132 | Familial co-occurrence of congenital heart defects follows distinct patterns. European Heart Journal, 2018, 39, 1015-1022. | 2.2 | 32 |
| 133 | A pictorial account of the human embryonic heart between 3.5 and 8 weeks of development. Communications Biology, 2022, 5, 226. | 4.4 | 32 |
| 134 | The vestibular defect: an interatrial communication due to a deficiency in the atrial septal component derived from the vestibular spine. Cardiology in the Young, 2003, 13, 184-190. | 0.8 | 31 |
| 135 | The anatomy and development of the cardiac valves. Cardiology in the Young, 2014, 24, 1008-1022. | 0.8 | 31 |
| 136 | How frequent is the fifth arch artery?. Cardiology in the Young, 2015, 25, 628-646. | 0.8 | 31 |
| 137 | Acute heart failure with cardiomyocyte atrophy induced in adult mice by ablation of cardiac myosin light chain kinase. Cardiovascular Research, 2016, 111, 34-43. | 3.8 | 31 |
| 138 | A uniform surgical technique for transfer of both simple and complex patterns of the coronary arteries during the arterial switch procedure. Cardiology in the Young, 2005, 15, 93-101. | 0.8 | 30 |
| 139 | Inferior sinus venosus defect: Echocardiographic diagnosis and surgical approach. Journal of Thoracic and Cardiovascular Surgery, 2009, 137, 1349-1355. | 0.8 | 30 |
| 140 | The surgical anatomy of coronary venous return in hearts with isomeric atrial appendages. Journal of Thoracic and Cardiovascular Surgery, 1995, 110, 436-444. | 0.8 | 29 |
| 141 | The Morphology of the Cardiac Conduction System. Novartis Foundation Symposium, 2008, , 6-24. | 1.1 | 29 |
| 142 | Tetralogy of Fallot: nosological, morphological, and morphogenetic considerations. Cardiology in the Young, 2013, 23, 858-866. | 0.8 | 28 |
| 143 | Relationship in the chick of the developing pulmonary vein to the embryonic systemic venous sinus., 2000, 259, 67-75. | | 27 |
| 144 | Clarifying the Surgical Morphology of Inlet Ventricular Septal Defects. Annals of Thoracic Surgery, 2013, 95, 236-241. | 1.3 | 27 |

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| 145 | A critical role for the chromatin remodeller CHD7 in anterior mesoderm during cardiovascular development. Developmental Biology, 2015, 405, 82-95. | 2.0 | 27 |
| 146 | Mouse Model of Human Congenital Heart Disease. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 1255-1264. | 4.8 | 27 |
| 147 | Relationship between the membranous septum and the virtual basal ring of the aortic root in candidates for transcatheter implantation of the aortic valve. Clinical Anatomy, 2018, 31, 525-534. | 2.7 | 27 |
| 148 | The rationale for isolation of the left atrial pulmonary venous component to control atrial fibrillation: A review article. Heart Rhythm, 2019, 16, 1392-1398. | 0.7 | 27 |
| 149 | HIRA Is Required for Heart Development and Directly Regulates Tnni2 and Tnnt3. PLoS ONE, 2016, 11, e0161096. | 2.5 | 27 |
| 150 | Morphology of the functionally univentricular heart. Cardiology in the Young, 2004, 14, 3-12. | 0.8 | 26 |
| 151 | Fistulous communications with the coronary arteries in the setting of hypoplastic ventricles. Cardiology in the Young, 2010, 20, 86-91. | 0.8 | 26 |
| 152 | Cor triatriatum or divided atriums: which approach provides the better understanding?. Cardiology in the Young, 2015, 25, 193-207. | 0.8 | 26 |
| 153 | Clarifying the morphology of the ostium primum defect. Journal of Anatomy, 2015, 226, 244-257. | 1.5 | 26 |
| 154 | Manifestations of bodily isomerism. Cardiovascular Pathology, 2016, 25, 173-180. | 1.6 | 26 |
| 155 | The myocardial architecture changes in persistent pulmonary hypertension of the newborn in an ovine animal model. Pediatric Research, 2016, 79, 565-574. | 2.3 | 26 |
| 156 | Changes in overall ventricular myocardial architecture in the setting of a porcine animal model of right ventricular dilation. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 93. | 3.3 | 26 |
| 157 | Reappraisal and new observations on atrial tachycardia ablated from the non-coronary aortic sinus of Valsalva. Europace, 2018, 20, 124-133. | 1.7 | 26 |
| 158 | Describing the Cardiac Componentsâ€"Attitudinally Appropriate Nomenclature. Journal of Cardiovascular Translational Research, 2013, 6, 118-123. | 2.4 | 25 |
| 159 | Sequential segmental analysis of the crocodilian heart. Journal of Anatomy, 2017, 231, 484-499. | 1.5 | 25 |
| 160 | Unusual variants of preâ€excitation: From anatomy to ablation: Part lâ€"Understanding the anatomy of the variants of ventricular preâ€excitation. Journal of Cardiovascular Electrophysiology, 2019, 30, 2170-2180. | 1.7 | 25 |
| 161 | Remodeling of the Embryonic Interventricular Communication in Regard to the Description and Classification of Ventricular Septal Defects. Anatomical Record, 2019, 302, 19-31. | 1.4 | 25 |
| 162 | Atrioventricular septal defect with balanced ventricles and malaligned atrial septum: Double-outlet right atrium. Journal of Thoracic and Cardiovascular Surgery, 1985, 89, 295-297. | 0.8 | 24 |

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| 163 | Insights regarding the normal and abnormal formation of the atrial and ventricular septal structures. Clinical Anatomy, 2016, 29, 290-304. | 2.7 | 24 |
| 164 | The functional architecture of skeletal compared to cardiac musculature: Myocyte orientation, lamellar unit morphology, and the helical ventricular myocardial band. Clinical Anatomy, 2016, 29, 316-332. | 2.7 | 24 |
| 165 | Segregating bodily isomerism or heterotaxy: potential echocardiographic correlations of morphological findings. Cardiology in the Young, 2017, 27, 1470-1480. | 0.8 | 24 |
| 166 | Fetal Magnetic Resonance Imaging of Malformations Associated with Heterotaxy. Cureus, 2015, 7, e269. | 0.5 | 24 |
| 167 | Anomalous course of the left brachiocephalic vein. Annals of Thoracic Surgery, 1993, 55, 600-602. | 1.3 | 23 |
| 168 | Cardiac Anatomy for the Interventional Arrhythmologist: I.Terminology and Fluoroscopic Projections. PACE - Pacing and Clinical Electrophysiology, 2010, 33, 497-507. | 1.2 | 23 |
| 169 | The Surgical Anatomy of Tetralogy of Fallot with Pulmonary Atresia Rather than Pulmonary Stenosis. Journal of Cardiac Surgery, 1991, 6, 41-58. | 0.7 | 22 |
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| 171 | Further morphological observations on hearts with twisted atrioventricular connections (criss-cross hearts). Cardiovascular Pathology, 1992, 1, 211-217. | 1.6 | 22 |
| 172 | What is anatomically corrected malposition?. Cardiology in the Young, 2007, 17, 26. | 0.8 | 22 |
| 173 | The anatomy and development of normal and abnormal coronary arteries. Cardiology in the Young, 2015, 25, 1493-1503. | 0.8 | 22 |
| 174 | Tetralogy of Fallot: morphological variations and implications for surgical repair. European Journal of Cardio-thoracic Surgery, 2019, 56, 101-109. | 1.4 | 22 |
| 175 | Controversies concerning the anatomical definition of the conduction tissues. The Anatomical Record, 2004, 280B, 8-14. | 1.8 | 21 |
| 176 | An analysis of the spatial arrangement of the myocardial aggregates making up the wall of the left ventricle. European Journal of Cardio-thoracic Surgery, 2007, 31, 430-437. | 1.4 | 21 |
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