JÃ¶rg MÃ¤nner

List of Publications by Year
in descending order

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25	675	759233 12	610901 24
papers	citations	h-index	g-index

25	25	25	547
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The anatomy of cardiac looping: A step towards the understanding of the morphogenesis of several forms of congenital cardiac malformations. Clinical Anatomy, 2009, 22, 21-35.	2.7	128
2	How does the tubular embryonic heart work? Looking for the physical mechanism generating unidirectional blood flow in the valveless embryonic heart tube. Developmental Dynamics, 2010, 239, 1035-1046.	1.8	88
3	Highâ€resolution in vivo imaging of the crossâ€sectional deformations of contracting embryonic heart loops using optical coherence tomography. Developmental Dynamics, 2008, 237, 953-961.	1.8	69
4	Experimental analyses of the function of the proepicardium using a new microsurgical procedure to induce loss-of-proepicardial-function in chick embryos. Developmental Dynamics, 2005, 233, 1454-1463.	1.8	66
5	On rotation, torsion, lateralization, and handedness of the embryonic heart loop: New insights from a simulation model for the heart loop of chick embryos. , 2004, 278A, 481-492.		58
6	In vivo imaging of the cyclic changes in crossâ€sectional shape of the ventricular segment of pulsating embryonic chick hearts at stages 14 to 17: A contribution to the understanding of the ontogenesis of cardiac pumping function. Developmental Dynamics, 2009, 238, 3273-3284.	1.8	41
7	Cardiac looping may be driven by compressive loads resulting from unequal growth of the heart and pericardial cavity. Observations on a physical simulation model. Frontiers in Physiology, 2014, 5, 112.	2.8	34
8	On the form problem of embryonic heart loops, its geometrical solutions, and a new biophysical concept of cardiac looping. Annals of Anatomy, 2013, 195, 312-323.	1.9	22
9	Early morphogenesis of the sinuatrial region of the chick heart: A contribution to the understanding of the pathogenesis of direct pulmonary venous connections to the right atrium and atrial septal defects in hearts with right isomerism of the atrial appendages. Anatomical Record, 2007, 290, 168-180.	1.4	19
10	Teratogenic effects of suramin on the chick embryo. Anatomy and Embryology, 2003, 206, 229-237.	1.5	18
11	Morphogenetic control of zebrafish cardiac looping by Bmp signaling. Development (Cambridge), 2019, 146, .	2.5	18
12	Ontogenetic development of the helical heart: concepts and facts. European Journal of Cardio-thoracic Surgery, 2006, 29, S69-S74.	1.4	16
13	Kinking and Torsion Can Significantly Improve the Efficiency of Valveless Pumping in Periodically Compressed Tubular Conduits. Implications for Understanding of the Form-Function Relationship of Embryonic Heart Tubes. Journal of Cardiovascular Development and Disease, 2017, 4, 19.	1.6	15
14	Blechschmidt Collection: Revisiting specimens from a historical collection of serially sectioned human embryos and fetuses using modern imaging techniques. Congenital Anomalies (discontinued), 2018, 58, 152-157.	0.6	14
15	A familial congenital heart disease with a possible multigenic origin involving a mutation in BMPR1A. Scientific Reports, 2019, 9, 2959.	3.3	14
16	Embryology of congenital ventriculo-coronary communications: a study on quail-chick chimeras. Cardiology in the Young, 2000, 10, 233-238.	0.8	11
17	Control of p21Cip by BRCA1-associated protein is critical for cardiomyocyte cell cycle progression and survival. Cardiovascular Research, 2020, 116, 592-604.	3.8	9
18	The Digestive Tract and Derived Primordia Differentiate by Following a Precise Timeline in Human Embryos Between Carnegie Stages 11 and 13. Anatomical Record, 2016, 299, 439-449.	1.4	8

#	Article	IF	Citations
19	Isolated Left Common Carotid Artery Arising From the Main Pulmonary Artery. World Journal for Pediatric & Congenital Heart Surgery, 2013, 4, 460-461.	0.8	6
20	Early development of the cortical layers in the human brain. Journal of Anatomy, 2021, 239, 1039-1049.	1.5	6
21	Complete transposition in a chick embryo demonstrated by scanning electron microscopy. Cardiology in the Young, 1998, 8, 396-399.	0.8	5
22	Microsurgical Procedures for Studying the Developmental Significance of the Proepicardium and Epicardium in Avian Embryos: PE-Blocking, PE-Photoablation, and PE-Grafting. Journal of Developmental Biology, 2013, 1, 47-63.	1.7	4
23	Three-Dimensional Analysis of Human Laryngeal and Tracheobronchial Cartilages during the Late Embryonic and Early Fetal Period. Cells Tissues Organs, 2022, 211, 1-15.	2.3	3
24	Is Transposition of the Great Arteries Associated With Shortening of the Intrapericardial Portions of the Great Arterial Trunks? An Echocardiographic Analysis on Newborn Infants With Simple Transposition of the Great Arteries to Explore an Animal Modelâ€Based Hypothesis on Human Beings. Journal of the American Heart Association, 2021, 10, e019334.	3.7	2
25	The Biography of Specimen â€œ09.04.1954, 3.4 mmâ€•from the â€œBlechschmidt Collection of Human Embryosâ€• at GÃ¶ttingen University with a Special Focus on the Production and Usage of Enlarged 3D Replicas of Embryos in the Anatomical Research on Human Embryos. Cells Tissues Organs, 2021, 210, 311-325.	2.3	1