Antoon F M Moorman

List of Publications by Year
in descending order

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45 papers	3,364 citations	201575 27 h-index	254106 43 g-index
46 all docs	46 docs citations	46 times ranked	3401 citing authors

#	Article	IF	Citations
1	Fetal Tricuspid Valve Agenesis/Atresia: Testing Predictions of the Embryonic Etiology. Pediatric Cardiology, 2022, 43, 796-806.	0.6	3
2	Quantified growth of the human embryonic heart. Biology Open, 2021, 10, .	0.6	25
3	An Appreciation of Anatomy in the Molecular World. Journal of Cardiovascular Development and Disease, 2020, 7, 44.	0.8	2
4	Identification of the building blocks of ventricular septation in monitor lizards (Varanidae). Development (Cambridge), 2019, 146, .	1.2	18
5	Sinus venosus incorporation: contentious issues and operational criteria for developmental and evolutionary studies. Journal of Anatomy, 2019, 234, 583-591.	0.9	12
6	Evolution and Development of the Atrial Septum. Anatomical Record, 2019, 302, 32-48.	0.8	34
7	Excessive trabeculations in noncompaction do not have the embryonic identity. International Journal of Cardiology, 2017, 227, 325-330.	0.8	41
8	Morpho-functional characterization of the systemic venous pole of the reptile heart. Scientific Reports, 2017, 7, 6644.	1.6	26
9	An interactive three-dimensional digital atlas and quantitative database of human development. Science, 2016, 354, .	6.0	166
10	The hypertrabeculated (noncompacted) left ventricle is different from the ventricle of embryos and ectothermic vertebrates. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 1696-1706.	1.9	47
11	Letters To The Editor. Heart Rhythm, 2014, 11, e54.	0.3	0
12	Development of the human heart. American Journal of Medical Genetics, Part A, 2014, 164, 1347-1371.	0.7	139
13	Evolution of the Sinus Venosus from Fish to Human. Journal of Cardiovascular Development and Disease, 2014, 1, 14-28.	0.8	32
14	Threeâ€dimensional and molecular analysis of the arterial pole of the developing human heart. Journal of Anatomy, 2012, 220, 336-349.	0.9	67
15	Growth of the developing mouse heart: An interactive qualitative and quantitative 3D atlas. Developmental Biology, 2012, 368, 203-213.	0.9	134
16	Formation of the Building Plan of the Human Heart. Circulation, 2011, 123, 1125-1135.	1.6	125
17	Molecular Analysis of Patterning of Conduction Tissues in the Developing Human Heart. Circulation: Arrhythmia and Electrophysiology, 2011, 4, 532-542.	2.1	78
18	Three-Dimensional and Molecular Analysis of the Venous Pole of the Developing Human Heart. Circulation, 2010, 122, 798-807.	1.6	57

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19	A Caudal Proliferating Growth Center Contributes to Both Poles of the Forming Heart Tube. Circulation Research, 2009, 104, 179-188.	2.0	158
20	Development of the Cardiac Conduction System: A Matter of Chamber Development. Novartis Foundation Symposium, 2008, , 25-43.	1.2	27
21	Trabeculated Right Ventricular Free Wall in the Chicken Heart Forms by Ventricularization of the Myocardium Initially Forming the Outflow Tract. Circulation Research, 2007, 100, 1000-1007.	2.0	65
22	The heart-forming fields: one or multiple?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2007, 362, 1257-1265.	1.8	106
23	Anatomic substrates for cardiac conduction. Heart Rhythm, 2005, 2, 875-886.	0.3	45
24	The transcriptional repressor Tbx3 delineates the developing central conduction system of the heart. Cardiovascular Research, 2004, 62, 489-499.	1.8	289
25	Development of the Building Plan of the Heart. Annals of the New York Academy of Sciences, 2004, 1015, 171-181.	1.8	37
26	Cardiac Chamber Formation: Development, Genes, and Evolution. Physiological Reviews, 2003, 83, 1223-1267.	13.1	618
27	Development of the cardiac conduction system: a matter of chamber development. Novartis Foundation Symposium, 2003, 250, 25-34; discussion 34-43, 276-9.	1.2	18
28	Sensitive Nonradioactive Detection of mRNA in Tissue Sections: Novel Application of the Whole-mount In Situ Hybridization Protocol. Journal of Histochemistry and Cytochemistry, 2001, 49, 1-8.	1.3	314
29	Differential expression of KvLQT1 and its regulator IsK in mouse epithelia. American Journal of Physiology - Cell Physiology, 2001, 280, C359-C372.	2.1	103
30	Interleukin-15 Expression in Atherosclerotic Plaques. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 1208-1213.	1.1	54
31	An atrioventricular canal domain defined by cardiac troponin I transgene expression in the embryonic myocardium. Anatomy and Embryology, 2000, 202, 95-101.	1.5	27
32	Glutamine synthetase expression in perinatal spiny mouse liver. FEBS Journal, 1999, 262, 803-809.	0.2	3
33	Heart Defects in Connexin43-Deficient Mice. Circulation Research, 1998, 82, 360-366.	2.0	130
34	Arginine-Metabolizing Enzymes in the Developing Rat Small Intestine. Pediatric Research, 1998, 43, 442-451.	1.1	58
35	Organ-Specific Activity of the 5' Regulatory Region of the Glutamine Synthetase Gene in Developing Mice. FEBS Journal, 1997, 248, 644-659.	0.2	10
36	Comparison of the molecular, antigenic and ATPase determinants of fast myosin heavy chains in rat and human: a single-fibre study. Pflugers Archiv European Journal of Physiology, 1997, 435, 151-163.	1.3	65

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37	Animal models of congenital defects in the ventriculoarterial connection of the heart. Journal of Molecular Medicine, 1997, 75, 551-566.	1.7	12
38	Regulation of Glutamate Dehydrogenase Expression in the Developing Rat Liver. Control at Different Levels in the Prenatal Period. FEBS Journal, 1996, 235, 677-682.	0.2	11
39	Dystrophin expression in the developing conduction system of the human heart. Microscopy Research and Technique, 1995, 30, 458-468.	1.2	4
40	Developmental changes in the expression of the liver-enriched transcription factors LF-B1, C/EBP, DBP and LAP/LIP in relation to the expression of albumin, Î±-fetoprotein, carbamoylphosphate synthase and lactase mRNA. The Histochemical Journal, 1994, 26, 20-31.	0.6	1
41	Experimental evidence that the physiological position of the liver within the circulation is not a major determinant of zonation of gene expression. Hepatology, 1993, 18, 1144-1153.	3.6	47
42	Practical aspects of radio-isotopic in situ hybridization on RNA. The Histochemical Journal, 1993, 25, 251-266.	0.6	83
43	Experimental evidence that the physiological position of the liver within the circulation is not a major determinant of zonation of gene expression. Hepatology, 1993, 18, 1144-1153.	3.6	4
44	Expression of myosin heavy chain in neonatal human hearts. Cardiology in the Young, 1992, 2, 318-334.	0.4	11
45	Different localization of dystrophin in developing and adult human skeletal muscle. Muscle and Nerve, 1991, 14, 1-7.	1.0	58