

Antoon F M Moorman

List of Publications by Year in descending order

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45
papers

3,364
citations

201575

27
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254106

43
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all docs

46
docs citations

46
times ranked

3401
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiac Chamber Formation: Development, Genes, and Evolution. <i>Physiological Reviews</i> , 2003, 83, 1223-1267.	13.1	618
2	Sensitive Nonradioactive Detection of mRNA in Tissue Sections: Novel Application of the Whole-mount In Situ Hybridization Protocol. <i>Journal of Histochemistry and Cytochemistry</i> , 2001, 49, 1-8.	1.3	314
3	The transcriptional repressor Tbx3 delineates the developing central conduction system of the heart. <i>Cardiovascular Research</i> , 2004, 62, 489-499.	1.8	289
4	An interactive three-dimensional digital atlas and quantitative database of human development. <i>Science</i> , 2016, 354, .	6.0	166
5	A Caudal Proliferating Growth Center Contributes to Both Poles of the Forming Heart Tube. <i>Circulation Research</i> , 2009, 104, 179-188.	2.0	158
6	Development of the human heart. <i>American Journal of Medical Genetics, Part A</i> , 2014, 164, 1347-1371.	0.7	139
7	Growth of the developing mouse heart: An interactive qualitative and quantitative 3D atlas. <i>Developmental Biology</i> , 2012, 368, 203-213.	0.9	134
8	Heart Defects in Connexin43-Deficient Mice. <i>Circulation Research</i> , 1998, 82, 360-366.	2.0	130
9	Formation of the Building Plan of the Human Heart. <i>Circulation</i> , 2011, 123, 1125-1135.	1.6	125
10	The heart-forming fields: one or multiple?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 1257-1265.	1.8	106
11	Differential expression of KvLQT1 and its regulator Isk in mouse epithelia. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 280, C359-C372.	2.1	103
12	Practical aspects of radio-isotopic in situ hybridization on RNA. <i>The Histochemical Journal</i> , 1993, 25, 251-266.	0.6	83
13	Molecular Analysis of Patterning of Conduction Tissues in the Developing Human Heart. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2011, 4, 532-542.	2.1	78
14	Three-dimensional and molecular analysis of the arterial pole of the developing human heart. <i>Journal of Anatomy</i> , 2012, 220, 336-349.	0.9	67
15	Comparison of the molecular, antigenic and ATPase determinants of fast myosin heavy chains in rat and human: a single-fibre study. <i>Pflügers Archiv European Journal of Physiology</i> , 1997, 435, 151-163.	1.3	65
16	Trabeculated Right Ventricular Free Wall in the Chicken Heart Forms by Ventricularization of the Myocardium Initially Forming the Outflow Tract. <i>Circulation Research</i> , 2007, 100, 1000-1007.	2.0	65
17	Different localization of dystrophin in developing and adult human skeletal muscle. <i>Muscle and Nerve</i> , 1991, 14, 1-7.	1.0	58
18	Arginine-Metabolizing Enzymes in the Developing Rat Small Intestine. <i>Pediatric Research</i> , 1998, 43, 442-451.	1.1	58

#	ARTICLE	IF	CITATIONS
19	Three-Dimensional and Molecular Analysis of the Venous Pole of the Developing Human Heart. <i>Circulation</i> , 2010, 122, 798-807.	1.6	57
20	Interleukin-15 Expression in Atherosclerotic Plaques. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 1208-1213.	1.1	54
21	Experimental evidence that the physiological position of the liver within the circulation is not a major determinant of zonation of gene expression. <i>Hepatology</i> , 1993, 18, 1144-1153.	3.6	47
22	The hypertrabeculated (noncompacted) left ventricle is different from the ventricle of embryos and ectothermic vertebrates. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1696-1706.	1.9	47
23	Anatomic substrates for cardiac conduction. <i>Heart Rhythm</i> , 2005, 2, 875-886.	0.3	45
24	Excessive trabeculations in noncompaction do not have the embryonic identity. <i>International Journal of Cardiology</i> , 2017, 227, 325-330.	0.8	41
25	Development of the Building Plan of the Heart. <i>Annals of the New York Academy of Sciences</i> , 2004, 1015, 171-181.	1.8	37
26	Evolution and Development of the Atrial Septum. <i>Anatomical Record</i> , 2019, 302, 32-48.	0.8	34
27	Evolution of the Sinus Venosus from Fish to Human. <i>Journal of Cardiovascular Development and Disease</i> , 2014, 1, 14-28.	0.8	32
28	An atrioventricular canal domain defined by cardiac troponin I transgene expression in the embryonic myocardium. <i>Anatomy and Embryology</i> , 2000, 202, 95-101.	1.5	27
29	Development of the Cardiac Conduction System: A Matter of Chamber Development. <i>Novartis Foundation Symposium</i> , 2008, , 25-43.	1.2	27
30	Morpho-functional characterization of the systemic venous pole of the reptile heart. <i>Scientific Reports</i> , 2017, 7, 6644.	1.6	26
31	Quantified growth of the human embryonic heart. <i>Biology Open</i> , 2021, 10, .	0.6	25
32	Identification of the building blocks of ventricular septation in monitor lizards (Varanidae). <i>Development (Cambridge)</i> , 2019, 146, .	1.2	18
33	Development of the cardiac conduction system: a matter of chamber development. <i>Novartis Foundation Symposium</i> , 2003, 250, 25-34; discussion 34-43, 276-9.	1.2	18
34	Animal models of congenital defects in the ventriculoarterial connection of the heart. <i>Journal of Molecular Medicine</i> , 1997, 75, 551-566.	1.7	12
35	Sinus venosus incorporation: contentious issues and operational criteria for developmental and evolutionary studies. <i>Journal of Anatomy</i> , 2019, 234, 583-591.	0.9	12
36	Expression of myosin heavy chain in neonatal human hearts. <i>Cardiology in the Young</i> , 1992, 2, 318-334.	0.4	11

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37	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
38	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
39	Dystrophin expression in the developing conduction system of the human heart. Microscopy Research and Technique, 1995, 30, 458-468.	1.2	4
40	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
41	Glutamine synthetase expression in perinatal spiny mouse liver. FEBS Journal, 1999, 262, 803-809.	0.2	3
42	Fetal Tricuspid Valve Agenesis/Atresia: Testing Predictions of the Embryonic Etiology. Pediatric Cardiology, 2022, 43, 796-806.	0.6	3
43	An Appreciation of Anatomy in the Molecular World. Journal of Cardiovascular Development and Disease, 2020, 7, 44.	0.8	2
44	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, α -fetoprotein, carbamoylphosphate synthase and lactase mRNA. The Histochemical Journal, 1994, 26, 20-31.	0.6	1
45	Letters To The Editor. Heart Rhythm, 2014, 11, e54.	0.3	0