Solveig Thorsteinsdottir

List of Publications by Year
in descending order

44 papers	1,514 citations	279798 23 h-index	330143 37 g-index
49 all docs	49 docs citations	49 times ranked	2052 citing authors

#	Article	IF	Citations
1	Cellâ€“Fibronectin Interactions and Actomyosin Contractility Regulate the Segmentation Clock and Spatio-Temporal Somite Cleft Formation during Chick Embryo Somitogenesis. Cells, 2022, 11, 2003.	4.1	1
2	Linking Oxidative Stress and DNA Damage to Changes in the Expression of Extracellular Matrix Components. Frontiers in Genetics, 2021, 12, 673002.	2.3	44
3	Skeletal Muscle Development: From Stem Cells to Body Movement. Learning Materials in Biosciences, 2020, , 159-185.	0.4	1
4	Neonatal Apex Resection Triggers Cardiomyocyte Proliferation, Neovascularization and Functional Recovery Despite Local Fibrosis. Stem Cell Reports, 2018, 10, 860-874.	4.8	31
5	Widespread cardiomyocyte proliferation and local fibrosis after neonatal apex resection support cardiac benign remodelling and functional recovery. Journal of Molecular and Cellular Cardiology, 2018, 120, 17.	1.9	0
6	Impaired fetal muscle development and JAK-STAT activation mark disease onset and progression in a mouse model for merosin-deficient congenital muscular dystrophy. Human Molecular Genetics, 2017, 26, 2018-2033.	2.9	24
7	Axial and limb muscle development: dialogue with the neighbourhood. Cellular and Molecular Life Sciences, 2016, 73, 4415-4431.	5.4	32
8	Three-dimensional scaffolds of fetal decellularized hearts exhibit enhanced potential to support cardiac cells in comparison to the adult. Biomaterials, 2016, 104, 52-64.	11.4	57
9	Fibronectin assembly during early embryo development: A versatile communication system between cells and tissues. Developmental Dynamics, 2016, 245, 520-535.	1.8	41
10	Rapid and simple method for in vivo ex utero development of mouse embryo explants. Differentiation, 2016, 91, 57-67.	1.9	2
11	Advantages of the avian model for human ovarian cancer. Molecular and Clinical Oncology, 2015, 3, 1191-1198.	1.0	7
12	Editorial: Cell adhesion in development. Developmental Biology, 2015, 401, 1.	2.0	6
13	Molecular Cytogenetics of Human Single Pronucleated Zygotes. Reproductive Sciences, 2014, 21, 1472-1482.	2.5	24
14	Dynamics of Akt activation during mouse embryo development: Distinct subcellular patterns distinguish proliferating versus differentiating cells. Differentiation, 2013, 86, 48-56.	1.9	8
15	Fibronectin promotes migration, alignment and fusion in an in vitro myoblast cell model. Cell and Tissue Research, 2012, 348, 569-578.	2.9	63
16	Extracellular matrix assembly and 3D organization during paraxial mesoderm development in the chick embryo. Developmental Biology, 2012, 368, 370-381.	2.0	39
17	Extracellular matrix remodeling accompanies axial muscle development and morphogenesis in the mouse. Developmental Dynamics, 2012, 241, 350-364.	1.8	20
18	The extracellular matrix dimension of skeletal muscle development. Developmental Biology, 2011, 354, 191-207.	2.0	124

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19	A Pax3/Dmrt2/Myf5 Regulatory Cascade Functions at the Onset of Myogenesis. PLoS Genetics, 2010, 6, e1000897.	3.5	79
20	Sex Determination in the Squalius alburnoides Complex: An Initial Characterization of Sex Cascade Elements in the Context of a Hybrid Polyploid Genome. PLoS ONE, 2009, 4, e6401.	2.5	18
21	Dynamic 3D Cell Rearrangements Guided by a Fibronectin Matrix Underlie Somitogenesis. PLoS ONE, 2009, 4, e7429.	2.5	62
22	Sonic hedgehog-dependent synthesis of laminin Î±1 controls basement membrane assembly in the myotome. Development (Cambridge), 2009, 136, 3495-3504.	2.5	37
23	Sonic Hedgehog Regulates Integrin Activity, Cadherin Contacts, and Cell Polarity to Orchestrate Neural Tube Morphogenesis. Journal of Neuroscience, 2009, 29, 12506-12520.	3.6	27
24	Teaching and research on Developmental Biology in Portugal. International Journal of Developmental Biology, 2009, 53, 1235-1243.	0.6	1
25	Expression pattern of anti-MÃ¼llerian hormone (amh) in the hybrid fish complex of Squalius alburnoides. Gene, 2008, 410, 249-258.	2.2	30
26	Redefining the role of ectoderm in somitogenesis: a player in the formation of the fibronectin matrix of presomitic mesoderm. Development (Cambridge), 2007, 134, 3155-3165.	2.5	59
27	A Molecular Clock Operates During Chick Autopod Proximal-distal Outgrowth. Journal of Molecular Biology, 2007, 368, 303-309.	4.2	55
28	Distribution, status and conservation of the bats of the Fiji Islands. Oryx, 2007, 41, 509-519.	1.0	23
29	Integrin Î±6Î²1-laminin interactions regulate early myotome formation in the mouse embryo. Development (Cambridge), 2006, 133, 1635-1644.	2.5	52
30	Integrin repertoire on myogenic cells changes during the course of primary myogenesis in the mouse. Developmental Dynamics, 2005, 232, 1069-1078.	1.8	34
31	Integrins in the mouse myotome: Developmental changes and differences between the epaxial and hypaxial lineage. Developmental Dynamics, 2004, 231, 402-415.	1.8	53
32	Knock-in of integrin Î²1D affects primary but not secondary myogenesis in mice. Development (Cambridge), 2003, 130, 1659-1671.	2.5	29
33	Integrin expression patterns during early limb muscle development in the mouse. Mechanisms of Development, 2002, 119, S131-S134.	1.7	5
34	Expression of the Î±6A integrin splice variant in developing mouse embryonic stem cell aggregates and correlation with cardiac muscle differentiation. Differentiation, 1999, 64, 173-184.	1.9	21
35	Early development of the myotome in the mouse. , 1999, 216, 219-232.		71
36	Expression of the Î±6A integrin splice variant in developing mouse embryonic stem cell aggregates and correlation with cardiac muscle differentiation. Differentiation, 1999, 64, 173.	1.9	17

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37	Spatial and temporal expression of the Î²1D integrin during mouse development. Developmental Dynamics, 1997, 210, 472-486.	1.8	66
38	Expression patterns of laminin receptor splice variants Î±6AÎ²1 and Î±6BÎ²1 suggest different roles in mouse development. Developmental Dynamics, 1995, 204, 240-258.	1.8	52
39	Variants of the Î±₆Î²₁Laminin Receptor in Early Murine Development: Distribution, Molecular Cloning and Chromosomal Localization of the Mouse Integrin Î±₆Subunit. Cell Adhesion and Communication, 1993, 1, 33-53.	1.7	99
40	Basement membrane and fibronectin matrix are distinct entities in the developing mouse blastocyst. The Anatomical Record, 1992, 232, 141-149.	1.8	53
41	Reevaluation of fibronectin-collagen interactions in tissues: an immunocytochemical and immunochemical study.. Journal of Histochemistry and Cytochemistry, 1988, 36, 639-648.	2.5	11
42	Effects of Exogenous Guanosine on Chromatophore Differentiation in the Axolotl. Pigment Cell & Melanoma Research, 1987, 1, 37-43.	3.6	7
43	Rapid and sensitive thin-layer chromatographic assay procedure for measuring xanthine dehydrogenase activity from tissue extracts. Biomedical Applications, 1986, 382, 314-320.	1.7	1
44	Pigment cell differentiation: the relationship between pterin content, allopurinol treatment, and the melanoid gene in axolotls. Cell Differentiation, 1986, 19, 161-172.	0.4	20