

Solveig Thorsteinsdottir

List of Publications by Year in descending order

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Version: 2024-02-01

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	The extracellular matrix dimension of skeletal muscle development. <i>Developmental Biology</i> , 2011, 354, 191-207.	2.0	124
2	Variants of the $\alpha 6 \beta 1$ Laminin Receptor in Early Murine Development: Distribution, Molecular Cloning and Chromosomal Localization of the Mouse Integrin $\alpha 6 \beta$ Subunit. <i>Cell Adhesion and Communication</i> , 1993, 1, 33-53.	1.7	99
3	A Pax3/Dmrt2/Myf5 Regulatory Cascade Functions at the Onset of Myogenesis. <i>PLoS Genetics</i> , 2010, 6, e1000897.	3.5	79
4	Early development of the myotome in the mouse. , 1999, 216, 219-232.		71
5	Spatial and temporal expression of the $\alpha 2 \beta 1$ integrin during mouse development. <i>Developmental Dynamics</i> , 1997, 210, 472-486.	1.8	66
6	Fibronectin promotes migration, alignment and fusion in an in vitro myoblast cell model. <i>Cell and Tissue Research</i> , 2012, 348, 569-578.	2.9	63
7	Dynamic 3D Cell Rearrangements Guided by a Fibronectin Matrix Underlie Somitogenesis. <i>PLoS ONE</i> , 2009, 4, e7429.	2.5	62
8	Redefining the role of ectoderm in somitogenesis: a player in the formation of the fibronectin matrix of presomitic mesoderm. <i>Development (Cambridge)</i> , 2007, 134, 3155-3165.	2.5	59
9	Three-dimensional scaffolds of fetal decellularized hearts exhibit enhanced potential to support cardiac cells in comparison to the adult. <i>Biomaterials</i> , 2016, 104, 52-64.	11.4	57
10	A Molecular Clock Operates During Chick Autopod Proximal-distal Outgrowth. <i>Journal of Molecular Biology</i> , 2007, 368, 303-309.	4.2	55
11	Basement membrane and fibronectin matrix are distinct entities in the developing mouse blastocyst. <i>The Anatomical Record</i> , 1992, 232, 141-149.	1.8	53
12	Integrins in the mouse myotome: Developmental changes and differences between the epaxial and hypaxial lineage. <i>Developmental Dynamics</i> , 2004, 231, 402-415.	1.8	53
13	Expression patterns of laminin receptor splice variants $\alpha 6 \beta 1$ and $\alpha 6 \beta 2$ suggest different roles in mouse development. <i>Developmental Dynamics</i> , 1995, 204, 240-258.	1.8	52
14	Integrin $\alpha 6 \beta 1$ -laminin interactions regulate early myotome formation in the mouse embryo. <i>Development (Cambridge)</i> , 2006, 133, 1635-1644.	2.5	52
15	Linking Oxidative Stress and DNA Damage to Changes in the Expression of Extracellular Matrix Components. <i>Frontiers in Genetics</i> , 2021, 12, 673002.	2.3	44
16	Fibronectin assembly during early embryo development: A versatile communication system between cells and tissues. <i>Developmental Dynamics</i> , 2016, 245, 520-535.	1.8	41
17	Extracellular matrix assembly and 3D organization during paraxial mesoderm development in the chick embryo. <i>Developmental Biology</i> , 2012, 368, 370-381.	2.0	39
18	Sonic hedgehog-dependent synthesis of laminin $\alpha 1$ controls basement membrane assembly in the myotome. <i>Development (Cambridge)</i> , 2009, 136, 3495-3504.	2.5	37

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19	Integrin repertoire on myogenic cells changes during the course of primary myogenesis in the mouse. <i>Developmental Dynamics</i> , 2005, 232, 1069-1078.	1.8	34
20	Axial and limb muscle development: dialogue with the neighbourhood. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 4415-4431.	5.4	32
21	Neonatal Apex Resection Triggers Cardiomyocyte Proliferation, Neovascularization and Functional Recovery Despite Local Fibrosis. <i>Stem Cell Reports</i> , 2018, 10, 860-874.	4.8	31
22	Expression pattern of anti-Müllerian hormone (amh) in the hybrid fish complex of <i>Squalius alburnoides</i> . <i>Gene</i> , 2008, 410, 249-258.	2.2	30
23	Knock-in of integrin β 1D affects primary but not secondary myogenesis in mice. <i>Development (Cambridge)</i> , 2003, 130, 1659-1671.	2.5	29
24	Sonic Hedgehog Regulates Integrin Activity, Cadherin Contacts, and Cell Polarity to Orchestrate Neural Tube Morphogenesis. <i>Journal of Neuroscience</i> , 2009, 29, 12506-12520.	3.6	27
25	Molecular Cytogenetics of Human Single Pronucleated Zygotes. <i>Reproductive Sciences</i> , 2014, 21, 1472-1482.	2.5	24
26	Impaired fetal muscle development and JAK-STAT activation mark disease onset and progression in a mouse model for merosin-deficient congenital muscular dystrophy. <i>Human Molecular Genetics</i> , 2017, 26, 2018-2033.	2.9	24
27	Distribution, status and conservation of the bats of the Fiji Islands. <i>Oryx</i> , 2007, 41, 509-519.	1.0	23
28	Expression of the β 6A integrin splice variant in developing mouse embryonic stem cell aggregates and correlation with cardiac muscle differentiation. <i>Differentiation</i> , 1999, 64, 173-184.	1.9	21
29	Pigment cell differentiation: the relationship between pterin content, allopurinol treatment, and the melanoid gene in axolotls. <i>Cell Differentiation</i> , 1986, 19, 161-172.	0.4	20
30	Extracellular matrix remodeling accompanies axial muscle development and morphogenesis in the mouse. <i>Developmental Dynamics</i> , 2012, 241, 350-364.	1.8	20
31	Sex Determination in the <i>Squalius alburnoides</i> Complex: An Initial Characterization of Sex Cascade Elements in the Context of a Hybrid Polyploid Genome. <i>PLoS ONE</i> , 2009, 4, e6401.	2.5	18
32	Expression of the β 6A integrin splice variant in developing mouse embryonic stem cell aggregates and correlation with cardiac muscle differentiation. <i>Differentiation</i> , 1999, 64, 173.	1.9	17
33	Reevaluation of fibronectin-collagen interactions in tissues: an immunocytochemical and immunochemical study.. <i>Journal of Histochemistry and Cytochemistry</i> , 1988, 36, 639-648.	2.5	11
34	Dynamics of Akt activation during mouse embryo development: Distinct subcellular patterns distinguish proliferating versus differentiating cells. <i>Differentiation</i> , 2013, 86, 48-56.	1.9	8
35	Effects of Exogenous Guanosine on Chromatophore Differentiation in the Axolotl. <i>Pigment Cell & Melanoma Research</i> , 1987, 1, 37-43.	3.6	7
36	Advantages of the avian model for human ovarian cancer. <i>Molecular and Clinical Oncology</i> , 2015, 3, 1191-1198.	1.0	7

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37	Editorial: Cell adhesion in development. <i>Developmental Biology</i> , 2015, 401, 1.	2.0	6
38	Integrin expression patterns during early limb muscle development in the mouse. <i>Mechanisms of Development</i> , 2002, 119, S131-S134.	1.7	5
39	Rapid and simple method for in vivo ex utero development of mouse embryo explants. <i>Differentiation</i> , 2016, 91, 57-67.	1.9	2
40	Rapid and sensitive thin-layer chromatographic assay procedure for measuring xanthine dehydrogenase activity from tissue extracts. <i>Biomedical Applications</i> , 1986, 382, 314-320.	1.7	1
41	Teaching and research on Developmental Biology in Portugal. <i>International Journal of Developmental Biology</i> , 2009, 53, 1235-1243.	0.6	1
42	Skeletal Muscle Development: From Stem Cells to Body Movement. <i>Learning Materials in Biosciences</i> , 2020, , 159-185.	0.4	1
43	Cellâ€™Fibronectin Interactions and Actomyosin Contractility Regulate the Segmentation Clock and Spatio-Temporal Somite Cleft Formation during Chick Embryo Somitogenesis. <i>Cells</i> , 2022, 11, 2003.	4.1	1
44	Widespread cardiomyocyte proliferation and local fibrosis after neonatal apex resection support cardiac benign remodelling and functional recovery. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 120, 17.	1.9	0