

Anna-Katerina Hadjantonakis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6023029/publications.pdf>

Version: 2024-02-01

159
papers

14,290
citations

19608

61
h-index

30010

103
g-index

193
all docs

193
docs citations

193
times ranked

14920
citing authors

#	ARTICLE	IF	CITATIONS
1	Promotion of Trophoblast Stem Cell Proliferation by FGF4. , 1998, 282, 2072-2075.		1,221
2	Guidelines and definitions for research on epithelialâ€mesenchymal transition. Nature Reviews Molecular Cell Biology, 2020, 21, 341-352.	16.1	1,195
3	Distinct sequential cell behaviours direct primitive endoderm formation in the mouse blastocyst. Development (Cambridge), 2008, 135, 3081-3091.	1.2	470
4	Generating green fluorescent mice by germline transmission of green fluorescent ES cells. Mechanisms of Development, 1998, 76, 79-90.	1.7	464
5	The Endoderm of the Mouse Embryo Arises by Dynamic Widespread Intercalation of Embryonic and Extraembryonic Lineages. Developmental Cell, 2008, 15, 509-520.	3.1	357
6	Symmetry breaking, germ layer specification and axial organisation in aggregates of mouse embryonic stem cells. Development (Cambridge), 2014, 141, 4231-4242.	1.2	346
7	Tbr2 Directs Conversion of Radial Glia into Basal Precursors and Guides Neuronal Amplification by Indirect Neurogenesis in the Developing Neocortex. Neuron, 2008, 60, 56-69.	3.8	344
8	The emergent landscape of the mouse gut endoderm at single-cell resolution. Nature, 2019, 569, 361-367.	13.7	285
9	TGF-Î² orchestrates fibrogenic and developmental EMTs via the RAS effector RREB1. Nature, 2020, 577, 566-571.	13.7	271
10	A sensitive and bright single-cell resolution live imaging reporter of Wnt/ÃŸ-catenin signaling in the mouse. BMC Developmental Biology, 2010, 10, 121.	2.1	267
11	Cell-to-cell expression variability followed by signal reinforcement progressively segregates early mouse lineages. Nature Cell Biology, 2014, 16, 27-37.	4.6	262
12	Downregulation of Par3 and aPKC function directs cells towards the ICM in the preimplantation mouse embryo. Journal of Cell Science, 2005, 118, 505-515.	1.2	242
13	Dynamic in vivo imaging and cell tracking using a histone fluorescent protein fusion in mice. , 2004, 4, 33.		233
14	FGF4 is required for lineage restriction and salt-and-pepper distribution of primitive endoderm factors but not their initial expression in the mouse. Development (Cambridge), 2013, 140, 267-279.	1.2	226
15	Embryonic stem cells and mice expressing different GFP variants for multiple non-invasive reporter usage within a single animal. BMC Biotechnology, 2002, 2, 11.	1.7	216
16	GATA6 Levels Modulate Primitive Endoderm Cell Fate Choice and Timing in the Mouse Blastocyst. Developmental Cell, 2014, 29, 454-467.	3.1	196
17	The primitive endoderm lineage of the mouse blastocyst: Sequential transcription factor activation and regulation of differentiation by Sox17. Developmental Biology, 2011, 350, 393-404.	0.9	193
18	Notch and Hippo Converge on Cdx2 to Specify the Trophectoderm Lineage in the Mouse Blastocyst. Developmental Cell, 2014, 30, 410-422.	3.1	189

#	ARTICLE	IF	CITATIONS
19	Technicolour transgenics: imaging tools for functional genomics in the mouse. <i>Nature Reviews Genetics</i> , 2003, 4, 613-625.	7.7	157
20	Sequential Notch activation regulates ventricular chamber development. <i>Nature Cell Biology</i> , 2016, 18, 7-20.	4.6	156
21	Lineage specificity of primary cilia in the mouse embryo. <i>Nature Cell Biology</i> , 2015, 17, 113-122.	4.6	150
22	Oct4 is required for lineage priming in the developing inner cell mass of the mouse blastocyst. <i>Development (Cambridge)</i> , 2014, 141, 1001-1010.	1.2	146
23	Micropattern differentiation of mouse pluripotent stem cells recapitulates embryo regionalized cell fate patterning. <i>ELife</i> , 2018, 7, .	2.8	144
24	Differential plasticity of epiblast and primitive endoderm precursors within the ICM of the early mouse embryo. <i>Development (Cambridge)</i> , 2012, 139, 129-139.	1.2	143
25	Derivation and characterization of mouse embryonic stem cells from permissive and nonpermissive strains. <i>Nature Protocols</i> , 2014, 9, 559-574.	5.5	143
26	In vivo imaging and differential localization of lipid-modified GFP-variant fusions in embryonic stem cells and mice. <i>Genesis</i> , 2006, 44, 202-218.	0.8	142
27	Non-invasive sexing of preimplantation stage mammalian embryos. <i>Nature Genetics</i> , 1998, 19, 220-222.	9.4	135
28	The many faces of Pluripotency: in vitro adaptations of a continuum of in vivo states. <i>BMC Developmental Biology</i> , 2017, 17, 7.	2.1	132
29	Lineage Establishment and Progression within the Inner Cell Mass of the Mouse Blastocyst Requires FGFR1 and FGFR2. <i>Developmental Cell</i> , 2017, 41, 496-510.e5.	3.1	131
30	The first cleavage of the mouse zygote predicts the blastocyst axis. <i>Nature</i> , 2005, 434, 391-395.	13.7	130
31	SOX17 links gut endoderm morphogenesis and germ layer segregation. <i>Nature Cell Biology</i> , 2014, 16, 1146-1156.	4.6	129
32	Dynamic imaging of mammalian neural tube closure. <i>Developmental Biology</i> , 2010, 344, 941-947.	0.9	125
33	Asynchronous fate decisions by single cells collectively ensure consistent lineage composition in the mouse blastocyst. <i>Nature Communications</i> , 2016, 7, 13463.	5.8	122
34	Widespread Mitotic Bookmarking by Histone Marks and Transcription Factors in Pluripotent Stem Cells. <i>Cell Reports</i> , 2017, 19, 1283-1293.	2.9	122
35	The p53 Family Coordinates Wnt and Nodal Inputs in Mesendodermal Differentiation of Embryonic Stem Cells. <i>Cell Stem Cell</i> , 2017, 20, 70-86.	5.2	121
36	An X-linked GFP transgene reveals unexpected paternal X-chromosome activity in trophoblastic giant cells of the mouse placenta. <i>Genesis</i> , 2001, 29, 133-140.	0.8	112

#	ARTICLE	IF	CITATIONS
37	A role for PDGF signaling in expansion of the extra-embryonic endoderm lineage of the mouse blastocyst. <i>Development (Cambridge)</i> , 2010, 137, 3361-3372.	1.2	110
38	Gata6+ Pericardial Cavity Macrophages Relocate to the Injured Heart and Prevent Cardiac Fibrosis. <i>Immunity</i> , 2019, 51, 131-140.e5.	6.6	110
39	Oriented cell motility and division underlie early limb bud morphogenesis. <i>Development (Cambridge)</i> , 2010, 137, 2551-2558.	1.2	109
40	A Rapid and Efficient 2D/3D Nuclear Segmentation Method for Analysis of Early Mouse Embryo and Stem Cell Image Data. <i>Stem Cell Reports</i> , 2014, 2, 382-397.	2.3	108
41	Anisotropic stress orients remodelling of mammalian limb bud ectoderm. <i>Nature Cell Biology</i> , 2015, 17, 569-579.	4.6	102
42	Heterogeneities in Nanog Expression Drive Stable Commitment to Pluripotency in the Mouse Blastocyst. <i>Cell Reports</i> , 2015, 10, 1508-1520.	2.9	101
43	The color of mice: in the light of GFP-variant reporters. <i>Histochemistry and Cell Biology</i> , 2001, 115, 49-58.	0.8	97
44	Use of KikGR a photoconvertible green-to-red fluorescent protein for cell labeling and lineage analysis in ES cells and mouse embryos. <i>BMC Developmental Biology</i> , 2009, 9, 49.	2.1	97
45	Derivation of extraembryonic endoderm stem (XEN) cells from mouse embryos and embryonic stem cells. <i>Nature Protocols</i> , 2013, 8, 1028-1041.	5.5	97
46	Developmental potential and behavior of tetraploid cells in the mouse embryo. <i>Developmental Biology</i> , 2005, 288, 150-159.	0.9	94
47	Nap1-mediated actin remodeling is essential for mammalian myoblast fusion. <i>Journal of Cell Science</i> , 2009, 122, 3282-3293.	1.2	94
48	Genetic and spectrally distinct in vivo imaging: embryonic stem cells and mice with widespread expression of a monomeric red fluorescent protein. <i>BMC Biotechnology</i> , 2005, 5, 20.	1.7	92
49	Anatomy of a blastocyst: Cell behaviors driving cell fate choice and morphogenesis in the early mouse embryo. <i>Genesis</i> , 2013, 51, 219-233.	0.8	91
50	The Dynamics of Morphogenesis in the Early Mouse Embryo. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a015867.	2.3	91
51	Conversion from mouse embryonic to extra-embryonic endoderm stem cells reveals distinct differentiation capacities of pluripotent stem cell states. <i>Development (Cambridge)</i> , 2012, 139, 2866-2877.	1.2	87
52	A bright single-cell resolution live imaging reporter of Notch signaling in the mouse. <i>BMC Developmental Biology</i> , 2013, 13, 15.	2.1	87
53	Quantitative imaging of cell dynamics in mouse embryos using light-sheet microscopy. <i>Development (Cambridge)</i> , 2014, 141, 4406-4414.	1.2	84
54	Lhx1 functions together with Otx2, Foxa2, and Ldb1 to govern anterior mesendoderm, node, and midline development. <i>Genes and Development</i> , 2015, 29, 2108-2122.	2.7	83

#	ARTICLE	IF	CITATIONS
55	Using a histone yellow fluorescent protein fusion for tagging and tracking endothelial cells in ES cells and mice. <i>Genesis</i> , 2005, 42, 162-171.	0.8	81
56	Interaction of Wnt3a, Msgn1 and Tbx6 in neural versus paraxial mesoderm lineage commitment and paraxial mesoderm differentiation in the mouse embryo. <i>Developmental Biology</i> , 2012, 367, 1-14.	0.9	78
57	Production of chimeras by aggregation of embryonic stem cells with diploid or tetraploid mouse embryos. <i>Nature Protocols</i> , 2006, 1, 1145-1153.	5.5	75
58	Mouse gastrulation: Coordination of tissue patterning, specification and diversification of cell fate. <i>Mechanisms of Development</i> , 2020, 163, 103617.	1.7	74
59	Tg(Afp-GFP) expression marks primitive and definitive endoderm lineages during mouse development. <i>Developmental Dynamics</i> , 2006, 235, 2549-2558.	0.8	73
60	Cellular dynamics in the early mouse embryo: from axis formation to gastrulation. <i>Current Opinion in Genetics and Development</i> , 2010, 20, 420-427.	1.5	73
61	A Membrane Associated mCherry Fluorescent Reporter Line for Studying Vascular Remodeling and Cardiac Function During Murine Embryonic Development. <i>Anatomical Record</i> , 2009, 292, 333-341.	0.8	72
62	BMP4 signaling directs primitive endoderm-derived XEN cells to an extraembryonic visceral endoderm identity. <i>Developmental Biology</i> , 2012, 361, 245-262.	0.9	72
63	Eomesodermin, a target gene of Pou4f2, is required for retinal ganglion cell and optic nerve development in the mouse. <i>Development (Cambridge)</i> , 2008, 135, 271-280.	1.2	71
64	Tbx6 Regulates Left/Right Patterning in Mouse Embryos through Effects on Nodal Cilia and Perinodal Signaling. <i>PLoS ONE</i> , 2008, 3, e2511.	1.1	69
65	BMP4 Sufficiency to Induce Choroid Plexus Epithelial Fate from Embryonic Stem Cell-Derived Neuroepithelial Progenitors. <i>Journal of Neuroscience</i> , 2012, 32, 15934-15945.	1.7	69
66	Live Visualization of ERK Activity in the Mouse Blastocyst Reveals Lineage-Specific Signaling Dynamics. <i>Developmental Cell</i> , 2020, 55, 341-353.e5.	3.1	67
67	Single-lineage transcriptome analysis reveals key regulatory pathways in primitive erythroid progenitors in the mouse embryo. <i>Blood</i> , 2011, 117, 4924-4934.	0.6	64
68	The T-box transcription factor Eomesodermin is essential for AVE induction in the mouse embryo. <i>Genes and Development</i> , 2013, 27, 997-1002.	2.7	64
69	<i>Transthyretin</i> mouse transgenes direct RFP expression or Cre-mediated recombination throughout the visceral endoderm. <i>Genesis</i> , 2009, 47, 447-455.	0.8	62
70	Eomes::GFP as a tool for live imaging cells of the trophoblast, primitive streak, and telencephalon in the mouse embryo. <i>Genesis</i> , 2007, 45, 208-217.	0.8	61
71	Structural basis for distinct roles of SMAD2 and SMAD3 in FOXH1 pioneer-directed TGF- β^2 signaling. <i>Genes and Development</i> , 2019, 33, 1506-1524.	2.7	61
72	The endoderm: a divergent cell lineage with many commonalities. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	61

#	ARTICLE	IF	CITATIONS
73	Live-imaging fluorescent proteins in mouse embryos: multi-dimensional, multi-spectral perspectives. <i>Trends in Biotechnology</i> , 2009, 27, 266-276.	4.9	59
74	Growth-factor-mediated coupling between lineage size and cell fate choice underlies robustness of mammalian development. <i>ELife</i> , 2020, 9, .	2.8	56
75	A transgenic mouse that reveals cell shape and arrangement during ureteric bud branching. <i>Genesis</i> , 2009, 47, 61-66.	0.8	55
76	A loss-of-function and H2B-Venus transcriptional reporter allele for Gata6 in mice. <i>BMC Developmental Biology</i> , 2015, 15, 38.	2.1	54
77	Transitions between epithelial and mesenchymal states and the morphogenesis of the early mouse embryo. <i>Cell Adhesion and Migration</i> , 2010, 4, 447-457.	1.1	53
78	Loss of Apela Peptide in Mice Causes Low Penetrance Embryonic Lethality and Defects in Early Mesodermal Derivatives. <i>Cell Reports</i> , 2017, 20, 2116-2130.	2.9	53
79	Tbx3 Controls Dppa3 Levels and Exit from Pluripotency toward Mesoderm. <i>Stem Cell Reports</i> , 2015, 5, 97-110.	2.3	52
80	Single-Cell Transcriptomics Reveals Early Emergence of Liver Parenchymal and Non-parenchymal Cell Lineages. <i>Cell</i> , 2020, 183, 702-716.e14.	13.5	52
81	Role of the Gut Endoderm in Relaying Left-Right Patterning in Mice. <i>PLoS Biology</i> , 2012, 10, e1001276.	2.6	51
82	PDGF signaling is required for primitive endoderm cell survival in the inner cell mass of the mouse blastocyst. <i>Stem Cells</i> , 2013, 31, 1932-1941.	1.4	51
83	Making lineage decisions with biological noise: Lessons from the early mouse embryo. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2018, 7, e319.	5.9	51
84	Mesoderm specification and diversification: from single cells to emergent tissues. <i>Current Opinion in Cell Biology</i> , 2019, 61, 110-116.	2.6	50
85	FACS for the isolation of individual cells from transgenic mice harboring a fluorescent protein reporter. <i>Genesis</i> , 2000, 27, 95-98.	0.8	48
86	A Comparative Analysis of Extra-Embryonic Endoderm Cell Lines. <i>PLoS ONE</i> , 2010, 5, e12016.	1.1	47
87	Notochord morphogenesis in mice: Current understanding & open questions. <i>Developmental Dynamics</i> , 2016, 245, 547-557.	0.8	46
88	A Sprouty4 reporter to monitor FGF/ERK signaling activity in ESCs and mice. <i>Developmental Biology</i> , 2018, 441, 104-126.	0.9	45
89	Cloning and expression throughout mouse development of <i>mfat1</i> , a homologue of the <i>Drosophila</i> tumour suppressor <i>genefat</i> . , 2000, 217, 233-240.		42
90	Extra-embryonic Wnt3 regulates the establishment of the primitive streak in mice. <i>Developmental Biology</i> , 2015, 403, 80-88.	0.9	40

#	ARTICLE	IF	CITATIONS
91	Dual transgene strategy for live visualization of chromatin and plasma membrane dynamics in murine embryonic stem cells and embryonic tissues. <i>Genesis</i> , 2009, 47, 330-336.	0.8	36
92	eXtraembryonic ENdoderm (XEN) Stem Cells Produce Factors that Activate Heart Formation. <i>PLoS ONE</i> , 2010, 5, e13446.	1.1	35
93	Live imaging of fluorescent proteins in chordate embryos: From ascidians to mice. <i>Microscopy Research and Technique</i> , 2006, 69, 160-167.	1.2	34
94	PI3K/Akt1 signalling specifies foregut precursors by generating regionalized extra-cellular matrix. <i>ELife</i> , 2013, 2, e00806.	2.8	32
95	Wnt/ β -catenin signalling and the dynamics of fate decisions in early mouse embryos and embryonic stem (ES) cells. <i>Seminars in Cell and Developmental Biology</i> , 2015, 47-48, 101-109.	2.3	32
96	GFRA2 Identifies Cardiac Progenitors and Mediates Cardiomyocyte Differentiation in a RET-Independent Signaling Pathway. <i>Cell Reports</i> , 2016, 16, 1026-1038.	2.9	32
97	Signaling regulation during gastrulation: Insights from mouse embryos and in vitro systems. <i>Current Topics in Developmental Biology</i> , 2020, 137, 391-431.	1.0	32
98	Transitions in cell potency during early mouse development are driven by Notch. <i>ELife</i> , 2019, 8, .	2.8	32
99	Quantitative Analysis of Protein Expression to Study Lineage Specification in Mouse Preimplantation Embryos. <i>Journal of Visualized Experiments</i> , 2016, , 53654.	0.2	30
100	Ex Utero Culture and Live Imaging of Mouse Embryos. <i>Methods in Molecular Biology</i> , 2011, 770, 243-257.	0.4	29
101	Birth defects associated with perturbations in preimplantation, gastrulation, and axis extension: from conjoined twinning to caudal dysgenesis. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2013, 2, 427-442.	5.9	29
102	Troika of the Mouse Blastocyst: Lineage Segregation and Stem Cells. <i>Current Stem Cell Research and Therapy</i> , 2012, 7, 78-91.	0.6	26
103	Zfp281 is essential for mouse epiblast maturation through transcriptional and epigenetic control of Nodal signaling. <i>ELife</i> , 2017, 6, .	2.8	26
104	Imaging Mouse Development with Confocal Time-Lapse Microscopy. <i>Methods in Enzymology</i> , 2010, 476, 351-377.	0.4	25
105	<i>Afp::mCherry</i> , a red fluorescent transgenic reporter of the mouse visceral endoderm. <i>Genesis</i> , 2011, 49, 124-133.	0.8	25
106	Gutsy moves in mice: cellular and molecular dynamics of endoderm morphogenesis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130547.	1.8	25
107	Completely ES Cell-Derived Mice Produced by Tetraploid Complementation Using Inner Cell Mass (ICM) Deficient Blastocysts. <i>PLoS ONE</i> , 2014, 9, e94730.	1.1	24
108	Live imaging and morphometric analysis of embryonic development in the ascidian <i>Ciona intestinalis</i> . <i>Genesis</i> , 2005, 43, 136-147.	0.8	23

#	ARTICLE	IF	CITATIONS
109	Dynamic and Polarized Muscle Cell Behaviors Accompany Tail Morphogenesis in the Ascidian <i>Ciona intestinalis</i> . PLoS ONE, 2007, 2, e714.	1.1	23
110	Live Imaging of Mouse Embryos. Cold Spring Harbor Protocols, 2011, 2011, pdb.top104.	0.2	23
111	Rab7-Mediated Endocytosis Establishes Patterning of Wnt Activity through Inactivation of Dkk Antagonism. Cell Reports, 2020, 31, 107733.	2.9	21
112	Cancer-Causative Mutations Occurring in Early Embryogenesis. Cancer Discovery, 2022, 12, 949-957.	7.7	21
113	Rapid and efficient degradation of endogenous proteins <i>in vivo</i> identifies stage-specific roles of RNA Pol II pausing in mammalian development. Developmental Cell, 2022, 57, 1068-1080.e6.	3.1	21
114	RNA polymerase II pausing in development: orchestrating transcription. Open Biology, 2022, 12, 210220.	1.5	19
115	Guts and gastrulation: Emergence and convergence of endoderm in the mouse embryo. Current Topics in Developmental Biology, 2020, 136, 429-454.	1.0	18
116	Photomodulatable fluorescent proteins for imaging cell dynamics and cell fate. Organogenesis, 2009, 5, 217-226.	0.4	17
117	Embryonic stem cell identity grounded in the embryo. Nature Cell Biology, 2014, 16, 502-504.	4.6	17
118	Understanding the Molecular Circuitry of Cell Lineage Specification in the Early Mouse Embryo. Genes, 2011, 2, 420-448.	1.0	16
119	Cell Lineage Allocation Within the Inner Cell Mass of the Mouse Blastocyst. Results and Problems in Cell Differentiation, 2012, 55, 185-202.	0.2	16
120	<i>Gata4</i> nuclear GFP transcriptional reporter to study endoderm and cardiac development in the mouse. Biology Open, 2018, 7, .	0.6	15
121	Live Imaging, Identifying, and Tracking Single Cells in Complex Populations <i>In Vivo</i> and <i>Ex Vivo</i> . Methods in Molecular Biology, 2013, 1052, 109-123.	0.4	13
122	Single cells get together: High-resolution approaches to study the dynamics of early mouse development. Seminars in Cell and Developmental Biology, 2015, 47-48, 92-100.	2.3	13
123	Mechanics drives cell differentiation. Nature, 2016, 536, 281-282.	13.7	13
124	<i>In vitro</i> modeling of early mammalian embryogenesis. Current Opinion in Biomedical Engineering, 2020, 13, 134-143.	1.8	13
125	Live Imaging Mouse Embryonic Development: Seeing Is Believing and Revealing. Methods in Molecular Biology, 2014, 1092, 405-420.	0.4	13
126	N-glycoprotein surfaceomes of four developmentally distinct mouse cell types. Proteomics - Clinical Applications, 2014, 8, 603-609.	0.8	12

#	ARTICLE	IF	CITATIONS
127	Loss of Cubilin, the intrinsic factor-vitamin B12 receptor, impairs visceral endoderm endocytosis and endodermal patterning in the mouse. <i>Scientific Reports</i> , 2019, 9, 10168.	1.6	12
128	Live Imaging Fluorescent Proteins in Early Mouse Embryos. <i>Methods in Enzymology</i> , 2012, 506, 361-389.	0.4	10
129	Single-Cell Approaches: Pandora's Box of Developmental Mechanisms. <i>Developmental Cell</i> , 2016, 38, 574-578.	3.1	10
130	Quantitative analysis of signaling responses during mouse primordial germ cell specification. <i>Biology Open</i> , 2021, 10, .	0.6	8
131	Follow your gut: Relaying information from the site of left-right symmetry breaking in the mouse. <i>Genesis</i> , 2014, 52, 503-514.	0.8	7
132	The transcription factor Rreb1 regulates epithelial architecture, invasiveness, and vasculogenesis in early mouse embryos. <i>ELife</i> , 2021, 10, .	2.8	7
133	Visualizing endoderm cell populations and their dynamics in the mouse embryo with a Hex-tdTomato reporter. <i>Biology Open</i> , 2017, 6, 678-687.	0.6	6
134	XRCC3 loss leads to midgestational embryonic lethality in mice. <i>DNA Repair</i> , 2021, 108, 103227.	1.3	6
135	Can mammalian cloning combined with embryonic stem cell technologies be used to treat human diseases?. <i>Genome Biology</i> , 2002, 3, reviews1023.1.	13.9	5
136	Lights, Camera, Action! Visualizing the Cellular Choreography of Mouse Gastrulation. <i>Developmental Cell</i> , 2018, 47, 684-685.	3.1	5
137	Ex Utero Culture and Imaging of Mouse Embryos. <i>Methods in Molecular Biology</i> , 2019, 1920, 163-182.	0.4	5
138	Coordination between patterning and morphogenesis ensures robustness during mouse development. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190562.	1.8	5
139	From pluripotency to differentiation: laying foundations for the body pattern in the mouse embryo. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130535.	1.8	4
140	Spatially Organized Differentiation of Mouse Pluripotent Stem Cells on Micropatterned Surfaces. <i>Methods in Molecular Biology</i> , 2021, 2214, 41-58.	0.4	4
141	Does pre patterning occur in the mouse egg? (Reply). <i>Nature</i> , 2006, 442, E4-E4.	13.7	3
142	A conditional mutant allele for analysis of <i>Mixl1</i> function in the mouse. <i>Genesis</i> , 2014, 52, 417-423.	0.8	3
143	Top to Tail: Anterior-Posterior Patterning Precedes Regional Nervous System Identity. <i>Cell</i> , 2018, 175, 905-907.	13.5	3
144	(De)constructing the blastocyst: Lessons in self-organization from the mouse. <i>Current Opinion in Systems Biology</i> , 2018, 11, 98-106.	1.3	3

#	ARTICLE	IF	CITATIONS
145	The multidimensionality of cell behaviors underlying morphogenesis: a case study in ascidians. <i>BioEssays</i> , 2006, 28, 874-879.	1.2	1
146	Introduction. <i>Current Topics in Developmental Biology</i> , 2018, 128, 1-10.	1.0	1
147	Cells under Tension Drive Gastrulation. <i>Developmental Cell</i> , 2020, 55, 669-670.	3.1	1
148	A transgenic mouse that reveals cell shape and arrangement during ureteric bud branching. <i>Genesis</i> , 2009, 47, spcone.	0.8	0
149	Transthyretin mouse transgenes direct RFP expression or Cre-mediated recombination throughout the visceral endoderm. <i>Genesis</i> , 2009, 47, spcone-spcone.	0.8	0
150	VISIONS: the art of science. <i>Molecular Reproduction and Development</i> , 2009, 76, 803-803.	1.0	0
151	Afp::mCherry, a red fluorescent transgenic reporter of the mouse visceral endoderm. <i>Genesis</i> , 2011, 49, spcone-spcone.	0.8	0
152	Highlights of the special imaging issue. <i>Genesis</i> , 2011, 49, 479-483.	0.8	0
153	Highlights of the special imaging issue. <i>Genesis</i> , 2011, 49, spcone-spcone.	0.8	0
154	Stem Cells from Early Mammalian Embryos. , 2013, , 41-57.		0
155	Quantitative analyses for elucidating mechanisms of cell fate commitment in the mouse blastocyst. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
156	Cover Image, Volume 7, Issue 4. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2018, 7, e326.	5.9	0
157	Kathryn Anderson (1952â€“2020). <i>Cell</i> , 2021, 184, 1123-1126.	13.5	0
158	Regulation of Primitive Erythroid Progenitor Development. <i>Blood</i> , 2012, 120, 1211-1211.	0.6	0
159	A developmental insurance policy. <i>ELife</i> , 2017, 6, .	2.8	0