Valerie Wilson

List of Publications by Year
in descending order

42 papers	3,900 citations	201674 27 h-index	254184 43 g-index
53 all docs	53 docs citations	53 times ranked	3289 citing authors

#	Article	IF	Citations
1	A niche for axial stem cells - A cellular perspective in amniotes. Developmental Biology, 2022, 490, 13-21.	2.0	2
2	Diverse Routes toward Early Somites in the Mouse Embryo. Developmental Cell, 2021, 56, 141-153.e6.	7.0	49
3	Understanding axial progenitor biology <i>in vivo</i> and <i>in vitro</i>. Development (Cambridge), 2021, 148, .	2.5	57
4	Disruption of entire Cables2 locus leads to embryonic lethality by diminished Rps21 gene expression and enhanced p53 pathway. ELife, 2021, 10, .	6.0	3
5	Coupled differentiation and division of embryonic stem cells inferred from clonal snapshots. Physical Biology, 2020, 17, 065009.	1.8	5
6	A Tgfbr1/Snai1-dependent developmental module at the core of vertebrate axial elongation. ELife, 2020, 9, .	6.0	34
7	Transcriptionally dynamic progenitor populations organised around a stable niche drive axial patterning. Development (Cambridge), 2019, 146, .	2.5	48
8	Mapping transcription factor occupancy using minimal numbers of cells in vitro and in vivo. Genome Research, 2018, 28, 592-605.	5.5	46
9	A human iPSC line capable of differentiating into functional macrophages expressing ZsGreen: a tool for the study and <i>in vivo</i> tracking of therapeutic cells. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170219.	4.0	35
10	BMP and FGF signaling interact to pattern mesoderm by controlling basic helix-loop-helix transcription factor activity. ELife, 2018, 7, .	6.0	32
11	Human axial progenitors generate trunk neural crest cells in vitro. ELife, 2018, 7, .	6.0	81
12	A Gene Regulatory Network Balances Neural and Mesoderm Specification during Vertebrate Trunk Development. Developmental Cell, 2017, 41, 243-261.e7.	7.0	210
13	Distinct SoxB1 networks are required for naÃ¯ve and primed pluripotency. ELife, 2017, 6, .	6.0	17
14	Somatic activating mutations in <i>Pik3ca</i> cause sporadic venous malformations in mice and humans. Science Translational Medicine, 2016, 8, 332ra43.	12.4	138
15	Position-dependent plasticity of distinct progenitor types in the primitive streak. ELife, 2016, 5, e10042.	6.0	169
16	Methods for Precisely Localized Transfer of Cells or DNA into Early Postimplantation Mouse Embryos. Journal of Visualized Experiments, 2015, , e53295.	0.3	3
17	Intrinsic factors and the embryonic environment influence the formation of extragonadal teratomas during gestation. BMC Developmental Biology, 2015, 15, 35.	2.1	10
18	Assessing the bipotency of in vitro-derived neuromesodermal progenitors. F1000Research, 2015, 4, 100.	1.6	36

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19	Assessing the bipotency of in vitro-derived neuromesodermal progenitors. F1000Research, 2015, 4, 100.	1.6	32
20	In Vitro Generation of Neuromesodermal Progenitors Reveals Distinct Roles for Wnt Signalling in the Specification of Spinal Cord and Paraxial Mesoderm Identity. PLoS Biology, 2014, 12, e1001937.	5.6	311
21	Distinct Wnt-driven primitive streak-like populations reflect <i>in vivo</i> lineage precursors. Development (Cambridge), 2014, 141, 1209-1221.	2.5	215
22	The role of pluripotency gene regulatory network components in mediating transitions between pluripotent cell states. Current Opinion in Genetics and Development, 2013, 23, 504-511.	3.3	48
23	InÂVivo Differentiation Potential of Epiblast Stem Cells Revealed by Chimeric Embryo Formation. Cell Reports, 2012, 2, 1571-1578.	6.4	161
24	The developmental dismantling of pluripotency is reversed by ectopic Oct4 expression. Development (Cambridge), 2012, 139, 2288-2298.	2.5	156
25	<i>MLH1</i> Differential Allelic Expression in Mutation Carriers and Controls. Annals of Human Genetics, 2010, 74, 479-488.	0.8	12
26	Cdx mutant axial progenitor cells are rescued by grafting to a wild type environment. Developmental Biology, 2010, 347, 228-234.	2.0	15
27	Stem cells, signals and vertebrate body axis extension. Development (Cambridge), 2009, 136, 1591-1604.	2.5	259
28	Expression-independent gene trap vectors for random and targeted mutagenesis in embryonic stem cells. Nucleic Acids Research, 2009, 37, e129-e129.	14.5	12
29	Stem cells, signals and vertebrate body axis extension. Development (Cambridge), 2009, 136, 2133-2133.	2.5	191
30	Redefining the Progression of Lineage Segregations during Mammalian Embryogenesis by Clonal Analysis. Developmental Cell, 2009, 17, 365-376.	7.0	372
31	Localised axial progenitor cell populations in the avian tail bud are not committed to a posterior Hox identity. Development (Cambridge), 2008, 135, 2289-2299.	2.5	152
32	Two distinct sources for a population of maturing axial progenitors. Development (Cambridge), 2007, 134, 2829-2840.	2.5	195
33	Essential Alterations of Heparan Sulfate During the Differentiation of Embryonic Stem Cells to Sox1-Enhanced Green Fluorescent Protein-Expressing Neural Progenitor Cells. Stem Cells, 2007, 25, 1913-1923.	3.2	126
34	A novel triple fusion reporter system for use in gene trap mutagenesis. Genesis, 2007, 45, 353-360.	1.6	11
35	New semidominant mutations that affect mouse development. Genesis, 2004, 40, 109-117.	1.6	26
36	Identification of Jade1, a Gene Encoding a PHD Zinc Finger Protein, in a Gene Trap Mutagenesis Screen for Genes Involved in Anteroposterior Axis Development. Molecular and Cellular Biology, 2003, 23, 8553-8552.	2.3	37

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37	Role of heparan sulfate-2-O-sulfotransferase in the mouse. Biochimica Et Biophysica Acta - General Subjects, 2002, 1573, 319-327.	2.4	37
38	Axial progenitors with extensive potency are localised to the mouse chordoneural hinge. Development (Cambridge), 2002, 129, 4855-4866.	2.5	186
39	Axial progenitors with extensive potency are localised to the mouse chordoneural hinge. Development (Cambridge), 2002, 129, 4855-66.	2.5	84
40	TPromoter Activity in the Absence of Functional T Protein during Axis Formation and Elongation in the Mouse. Developmental Biology, 1997, 189, 161-173.	2.0	23
41	Expression of T Protein in the Primitive Streak Is Necessary and Sufficient for Posterior Mesoderm Movement and Somite Differentiation. Developmental Biology, 1997, 192, 45-58.	2.0	76
42	Cell fate and morphogenetic movement in the late mouse primitive streak. Mechanisms of Development, 1996, 55, 79-89.	1.7	172