Susan Lindsay

List of Publications by Year
in descending order

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47 papers	5,096 citations	136950 32 h-index	223800 46 g-index
49 all docs	49 docs citations	49 times ranked	9834 citing authors

#	Article	IF	Citations
1	Mutations in phospholipase C eta-1 (PLCH1) are associated with holoprosencephaly. Journal of Medical Genetics, 2022, 59, 358-365.	3.2	3
2	Decoding human fetal liver haematopoiesis. Nature, 2019, 574, 365-371.	27.8	392
3	Spatiotemporal immune zonation of the human kidney. Science, 2019, 365, 1461-1466.	12.6	281
4	An integrated transcriptional analysis of the developing human retina. Development (Cambridge), 2019, 146, .	2.5	75
5	Gene expression across mammalian organ development. Nature, 2019, 571, 505-509.	27.8	490
6	Mapping human development at single-cell resolution. Development (Cambridge), 2018, 145, .	2.5	30
7	Disrupted alternative splicing for genes implicated in splicing and ciliogenesis causes PRPF31 retinitis pigmentosa. Nature Communications, 2018, 9, 4234.	12.8	158
8	Extracellular matrix component expression in human pluripotent stem cell-derived retinal organoids recapitulates retinogenesis in vivo and reveals an important role for IMPG1 and CD44 in the development of photoreceptors and interphotoreceptor matrix. Acta Biomaterialia, 2018, 74, 207-221.	8.3	34
9	Laminin Î³3 plays an important role in retinal lamination, photoreceptor organisation and ganglion cell differentiation. Cell Death and Disease, 2018, 9, 615.	6.3	21
10	Single-cell transcriptomes from human kidneys reveal the cellular identity of renal tumors. Science, 2018, 361, 594-599.	12.6	511
11	Neurodevelopmental protein Musashi-1 interacts with the Zika genome and promotes viral replication. Science, 2017, 357, 83-88.	12.6	152
12	Distinct cortical and sub-cortical neurogenic domains for GABAergic interneuron precursor transcription factors NKX2.1, OLIG2 and COUP-TFII in early fetal human telencephalon. Brain Structure and Function, 2017, 222, 2309-2328.	2.3	37
13	The embryological basis of subclinical hypertrophic cardiomyopathy. Scientific Reports, 2016, 6, 27714.	3.3	29
14	Enabling research with human embryonic and fetal tissue resources. Development (Cambridge), 2015, 142, 3073-3076.	2.5	79
15	The Early Fetal Development of Human Neocortical GABAergic Interneurons. Cerebral Cortex, 2015, 25, 631-645.	2.9	72
16	Abnormal retinal development associated with FRMD7 mutations. Human Molecular Genetics, 2014, 23, 4086-4093.	2.9	70
17	Investigating Embryonic Expression Patterns and Evolution of AHI1 and CEP290 Genes, Implicated in Joubert Syndrome. PLoS ONE, 2012, 7, e44975.	2.5	15
18	In Vitro Modelling of Cortical Neurogenesis by Sequential Induction of Human Umbilical Cord Blood Stem Cells. Stem Cell Reviews and Reports, 2012, 8, 210-223.	5.6	12

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19	The clinical and molecular genetic features of idiopathic infantile periodic alternating nystagmus. Brain, 2011, 134, 892-902.	7.6	52
20	The Corticofugal Neuron-Associated Genes ROBO1, SRGAP1, and CTIP2 Exhibit an Anterior to Posterior Gradient of Expression in Early Fetal Human Neocortex Development. Cerebral Cortex, 2011, 21, 1395-1407.	2.9	47
21	Investigating gradients of gene expression involved in early human cortical development. Journal of Anatomy, 2010, 217, 300-311.	1.5	55
22	Subplate in the developing cortex of mouse and human. Journal of Anatomy, 2010, 217, 368-380.	1.5	78
23	The HUDSEN Atlas: a threeâ€dimensional (3D) spatial framework for studying gene expression in the developing human brain. Journal of Anatomy, 2010, 217, 289-299.	1.5	40
24	WDR62 is associated with the spindle pole and is mutated in human microcephaly. Nature Genetics, 2010, 42, 1010-1014.	21.4	255
25	The nystagmus-associated FRMD7 gene regulates neuronal outgrowth and development. Human Molecular Genetics, 2010, 19, 342-351.	2.9	64
26	Expression of PLA2G6 in human fetal development: Implications for infantile neuroaxonal dystrophy. Brain Research Bulletin, 2010, 83, 374-379.	3.0	11
27	Human TUBB3 Mutations Perturb Microtubule Dynamics, Kinesin Interactions, and Axon Guidance. Cell, 2010, 140, 74-87.	28.9	515
28	From spatial-data to 3D models of the developing human brain. Methods, 2010, 50, 96-104.	3.8	4
29	Progressive loss of PAX6, TBR2, NEUROD and TBR1 mRNA gradients correlates with translocation of EMX2 to the cortical plate during human cortical development. European Journal of Neuroscience, 2008, 28, 1449-1456.	2.6	69
30	A Molecular Neuroanatomical Study of the Developing Human Neocortex from 8 to 17 Postconceptional Weeks Revealing the Early Differentiation of the Subplate and Subventricular Zone. Cerebral Cortex, 2008, 18, 1536-1548.	2.9	190
31	Human CHN1 Mutations Hyperactivate Î±2-Chimaerin and Cause Duane's Retraction Syndrome. Science, 2008, 321, 839-843.	12.6	152
32	A Comparative Proteomic Analysis of Human and Rat Embryonic Cerebrospinal Fluid. Journal of Proteome Research, 2007, 6, 3537-3548.	3.7	118
33	Truncation ofNHEJ1 in a patient with polymicrogyria. Human Mutation, 2007, 28, 356-364.	2.5	33
34	MRCâ€“Wellcome Trust Human Developmental Biology Resource: enabling studies of human developmental gene expression. Trends in Genetics, 2005, 21, 586-590.	6.7	24
35	JAtlasView: a Java atlas-viewer for browsing biomedical 3D images and atlases. BMC Bioinformatics, 2005, 6, 47.	2.6	14
36	3D modelling, gene expression mapping and post-mapping image analysis in the developing human brain. Brain Research Bulletin, 2005, 66, 449-453.	3.0	26

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37	3 dimensional modelling of early human brain development using optical projection tomography. BMC Neuroscience, 2004, 5, 27.	1.9	69
38	A giant novel gene undergoing extensive alternative splicing is severed by a Cornelia de Lange-associated translocation breakpoint at 3q26.3. Human Genetics, 2004, 115, 139-48.	3.8	44
39	Craniofacial expression of human and murine TBX22 correlates with the cleft palate and ankyloglossia phenotype observed in CPX patients. Human Molecular Genetics, 2002, 11, 2793-2804.	2.9	87
40	Hepatic Differentiation of Murine Embryonic Stem Cells. Clinical Science, 2002, 103, 37P-37P.	0.0	0
41	Hepatic Differentiation of Murine Embryonic Stem Cells. Experimental Cell Research, 2002, 272, 15-22.	2.6	182
42	Characterisation of Wnt gene expression during the differentiation of murine embryonic stem cells in vitro: role of Wnt3 in enhancing haematopoietic differentiation. Mechanisms of Development, 2001, 103, 49-59.	1.7	78
43	An improved method for the simultaneous demonstration of mRNA and esterase activity at the human neuromuscular junction. The Histochemical Journal, 1998, 30, 7-11.	0.6	11
44	A homeobox gene, HLXB9, is the major locus for dominantly inherited sacral agenesis. Nature Genetics, 1998, 20, 358-361.	21.4	287
45	A novel human Wnt gene, WNT10B, maps to 12q13 and is expressed in human breast carcinomas. Oncogene, 1997, 14, 1249-1253.	5.9	86
46	CAC - the neglected repeat. BioEssays, 1996, 18, 237-242.	2.5	5
47	X chromosome linkage studies in familial Rett syndrome. Human Genetics, 1993, 90, 551-5.	3.8	39