

Susan Lindsay

List of Publications by Year in descending order

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47
papers

5,096
citations

136740

32
h-index

223531

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 (<i>PLCH1</i>) are associated with holoprosencephaly. <i>Journal of Medical Genetics</i> , 2022, 59, 358-365.	1.5	3
2	Decoding human fetal liver haematopoiesis. <i>Nature</i> , 2019, 574, 365-371.	13.7	392
3	Spatiotemporal immune zonation of the human kidney. <i>Science</i> , 2019, 365, 1461-1466.	6.0	281
4	An integrated transcriptional analysis of the developing human retina. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	75
5	Gene expression across mammalian organ development. <i>Nature</i> , 2019, 571, 505-509.	13.7	490
6	Mapping human development at single-cell resolution. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	30
7	Disrupted alternative splicing for genes implicated in splicing and ciliogenesis causes PRPF31 retinitis pigmentosa. <i>Nature Communications</i> , 2018, 9, 4234.	5.8	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. <i>Acta Biomaterialia</i> , 2018, 74, 207-221.	4.1	34
9	Laminin $\alpha 3$ plays an important role in retinal lamination, photoreceptor organisation and ganglion cell differentiation. <i>Cell Death and Disease</i> , 2018, 9, 615.	2.7	21
10	Single-cell transcriptomes from human kidneys reveal the cellular identity of renal tumors. <i>Science</i> , 2018, 361, 594-599.	6.0	511
11	Neurodevelopmental protein Musashi-1 interacts with the Zika genome and promotes viral replication. <i>Science</i> , 2017, 357, 83-88.	6.0	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. <i>Brain Structure and Function</i> , 2017, 222, 2309-2328.	1.2	37
13	The embryological basis of subclinical hypertrophic cardiomyopathy. <i>Scientific Reports</i> , 2016, 6, 27714.	1.6	29
14	Enabling research with human embryonic and fetal tissue resources. <i>Development (Cambridge)</i> , 2015, 142, 3073-3076.	1.2	79
15	The Early Fetal Development of Human Neocortical GABAergic Interneurons. <i>Cerebral Cortex</i> , 2015, 25, 631-645.	1.6	72
16	Abnormal retinal development associated with FRMD7 mutations. <i>Human Molecular Genetics</i> , 2014, 23, 4086-4093.	1.4	70
17	Investigating Embryonic Expression Patterns and Evolution of AH11 and CEP290 Genes, Implicated in Joubert Syndrome. <i>PLoS ONE</i> , 2012, 7, e44975.	1.1	15
18	In Vitro Modelling of Cortical Neurogenesis by Sequential Induction of Human Umbilical Cord Blood Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 210-223.	5.6	12

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19	The clinical and molecular genetic features of idiopathic infantile periodic alternating nystagmus. <i>Brain</i> , 2011, 134, 892-902.	3.7	52
20	The Corticofugal Neuron-Associated Genes <i>ROBO1</i> , <i>SRGAP1</i> , and <i>CTIP2</i> Exhibit an Anterior to Posterior Gradient of Expression in Early Fetal Human Neocortex Development. <i>Cerebral Cortex</i> , 2011, 21, 1395-1407.	1.6	47
21	Investigating gradients of gene expression involved in early human cortical development. <i>Journal of Anatomy</i> , 2010, 217, 300-311.	0.9	55
22	Subplate in the developing cortex of mouse and human. <i>Journal of Anatomy</i> , 2010, 217, 368-380.	0.9	78
23	The HUDSEN Atlas: a three-dimensional (3D) spatial framework for studying gene expression in the developing human brain. <i>Journal of Anatomy</i> , 2010, 217, 289-299.	0.9	40
24	<i>WDR62</i> is associated with the spindle pole and is mutated in human microcephaly. <i>Nature Genetics</i> , 2010, 42, 1010-1014.	9.4	255
25	The nystagmus-associated <i>FRMD7</i> gene regulates neuronal outgrowth and development. <i>Human Molecular Genetics</i> , 2010, 19, 342-351.	1.4	64
26	Expression of <i>PLA2G6</i> in human fetal development: Implications for infantile neuroaxonal dystrophy. <i>Brain Research Bulletin</i> , 2010, 83, 374-379.	1.4	11
27	Human <i>TUBB3</i> Mutations Perturb Microtubule Dynamics, Kinesin Interactions, and Axon Guidance. <i>Cell</i> , 2010, 140, 74-87.	13.5	515
28	From spatial-data to 3D models of the developing human brain. <i>Methods</i> , 2010, 50, 96-104.	1.9	4
29	Progressive loss of <i>PAX6</i> , <i>TBR2</i> , <i>NEUROD</i> and <i>TBR1</i> mRNA gradients correlates with translocation of <i>EMX2</i> to the cortical plate during human cortical development. <i>European Journal of Neuroscience</i> , 2008, 28, 1449-1456.	1.2	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. <i>Cerebral Cortex</i> , 2008, 18, 1536-1548.	1.6	190
31	Human <i>CHN1</i> Mutations Hyperactivate ± 2 -Chimaerin and Cause Duane's Retraction Syndrome. <i>Science</i> , 2008, 321, 839-843.	6.0	152
32	A Comparative Proteomic Analysis of Human and Rat Embryonic Cerebrospinal Fluid. <i>Journal of Proteome Research</i> , 2007, 6, 3537-3548.	1.8	118
33	Truncation of <i>NHEJ1</i> in a patient with polymicrogyria. <i>Human Mutation</i> , 2007, 28, 356-364.	1.1	33
34	MRC Wellcome Trust Human Developmental Biology Resource: enabling studies of human developmental gene expression. <i>Trends in Genetics</i> , 2005, 21, 586-590.	2.9	24
35	<i>JAtlasView</i> : a Java atlas-viewer for browsing biomedical 3D images and atlases. <i>BMC Bioinformatics</i> , 2005, 6, 47.	1.2	14
36	3D modelling, gene expression mapping and post-mapping image analysis in the developing human brain. <i>Brain Research Bulletin</i> , 2005, 66, 449-453.	1.4	26

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37	3 dimensional modelling of early human brain development using optical projection tomography. BMC Neuroscience, 2004, 5, 27.	0.8	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.	1.8	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.	1.4	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.	1.2	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.	9.4	287
45	A novel human Wnt gene, WNT10B, maps to 12q13 and is expressed in human breast carcinomas. Oncogene, 1997, 14, 1249-1253.	2.6	86
46	CAC - the neglected repeat. BioEssays, 1996, 18, 237-242.	1.2	5
47	X chromosome linkage studies in familial Rett syndrome. Human Genetics, 1993, 90, 551-5.	1.8	39