Valerie Dupe

List of Publications by Year
in descending order

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37 papers	1,701 citations	394421 19 h-index	434195 31 g-index
42 all docs	42 docs citations	42 times ranked	2085 citing authors

#	Article	IF	Citations
1	A newborn lethal defect due to inactivation of retinaldehyde dehydrogenase type 3 is prevented by maternal retinoic acid treatment. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 14036-14041.	7.1	281
2	Retinoic acid-dependent eye morphogenesis is orchestrated by neural crest cells. Development (Cambridge), 2005, 132, 4789-4800.	2.5	245
3	Essential Roles of Retinoic Acid Signaling in Interdigital Apoptosis and Control of BMP-7 Expression in Mouse Autopods. Developmental Biology, 1999, 208, 30-43.	2.0	118
4	Impairing retinoic acid signalling in the neural crest cells is sufficient to alter entire eye morphogenesis. Developmental Biology, 2008, 320, 140-148.	2.0	115
5	Temporally controlled targeted somatic mutagenesis in embryonic surface ectoderm and fetal epidermal keratinocytes unveils two distinct developmental functions of BRG1 in limb morphogenesis and skin barrier formation. Development (Cambridge), 2005, 132, 4533-4544.	2.5	106
6	A genetic dissection of the retinoid signalling pathway in the mouse. Proceedings of the Nutrition Society, 1999, 58, 609-613.	1.0	101
7	New findings for phenotype-genotype correlations in a large European series of holoprosencephaly cases. Journal of Medical Genetics, 2011, 48, 752-760.	3.2	90
8	Mutational Spectrum in Holoprosencephaly Shows That FGF is a New Major Signaling Pathway. Human Mutation, 2016, 37, 1329-1339.	2.5	56
9	NOTCH, a new signaling pathway implicated in holoprosencephaly. Human Molecular Genetics, 2011, 20, 1122-1131.	2.9	47
10	Holoprosencephaly: An update on cytogenetic abnormalities. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2010, 154C, 86-92.	1.6	46
11	Integrated clinical and omics approach to rare diseases: novel genes and oligogenic inheritance in holoprosencephaly. Brain, 2019, 142, 35-49.	7.6	44
12	Recent advances in understanding inheritance of holoprosencephaly. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2018, 178, 258-269.	1.6	42
13	Conditional ablation of integrin alpha-6 in mouse epidermis leads to skin fragility and inflammation. European Journal of Cell Biology, 2011, 90, 270-277.	3.6	39
14	Contribution of cellular retinol-binding protein type 1 to retinol metabolism during mouse development. Developmental Dynamics, 2005, 233, 167-176.	1.8	36
15	MAU2 and NIPBL Variants Impair the Heterodimerization of the Cohesin Loader Subunits and Cause Cornelia de Lange Syndrome. Cell Reports, 2020, 31, 107647.	6.4	36
16	Retinoic acid receptors exhibit cellâ€autonomous functions in cranial neural crest cells. Developmental Dynamics, 2009, 238, 2701-2711.	1.8	34
17	Homozygous STIL Mutation Causes Holoprosencephaly and Microcephaly in Two Siblings. PLoS ONE, 2015, 10, e0117418.	2.5	34
18	Novel genes upregulated when NOTCH signalling is disrupted during hypothalamic development. Neural Development, 2013, 8, 25.	2.4	26

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19	Mesectoderm is a major target of retinoic acid action. European Journal of Oral Sciences, 1998, 106, 24-31.	1.5	23
20	Local retinoic acid signaling directs emergence of the extraocular muscle functional unit. PLoS Biology, 2020, 18, e3000902.	5.6	21
21	NODAL and SHH dose-dependent double inhibition promotes an HPE-like phenotype in chick embryos. DMM Disease Models and Mechanisms, 2013, 6, 537-43.	2.4	20
22	Notch signaling and proneural genes work together to control the neural building blocks for the initial scaffold in the hypothalamus. Frontiers in Neuroanatomy, 2014, 8, 140.	1.7	20
23	A de novo variant in ADGRL2 suggests a novel mechanism underlying the previously undescribed association of extreme microcephaly with severely reduced sulcation and rhombencephalosynapsis. Acta Neuropathologica Communications, 2018, 6, 109.	5.2	20
24	Identification of a new type of PBX1 partner that contains zinc finger motifs and inhibits the binding of HOXA9-PBX1 to DNA. Mechanisms of Development, 2007, 124, 364-376.	1.7	18
25	Dynamic expression of Notch-dependent neurogenic markers in the chick embryonic nervous system. Frontiers in Neuroanatomy, 2014, 8, 158.	1.7	16
26	Regulation of downstream neuronal genes by proneural transcription factors during initial neurogenesis in the vertebrate brain. Neural Development, 2016, 11, 22.	2.4	15
27	Targeted panel sequencing establishes the implication of planar cell polarity pathway and involves new candidate genes in neural tube defect disorders. Human Genetics, 2019, 138, 363-374.	3.8	15
28	Evolutionary Conservation of the Early Axon Scaffold in the Vertebrate Brain. Developmental Dynamics, 2015, 244, 1202-1214.	1.8	13
29	Synonymous variants in holoprosencephaly alter codon usage and impact the Sonic Hedgehog protein. Brain, 2020, 143, 2027-2038.	7.6	11
30	Disrupted Hypothalamo-Pituitary Axis in Association With Reduced SHH Underlies the Pathogenesis of NOTCH-Deficiency. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e3183-e3196.	3.6	10
31	NODAL and SHH dose-dependent double inhibition promotes an HPE-like phenotype in chick embryos. Development (Cambridge), 2013, 140, e506-e506.	2.5	0
32	Local retinoic acid signaling directs emergence of the extraocular muscle functional unit. , 2020, 18, e3000902.		0
33	Local retinoic acid signaling directs emergence of the extraocular muscle functional unit. , 2020, 18, e3000902.		0
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