Laura S Gammill

List of Publications by Year
in descending order

31	1,316	361413	434195
papers	citations	20 h-index	31 g-index

44	44	44	1352
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neural crest specification: migrating into genomics. Nature Reviews Neuroscience, 2003, 4, 795-805.	10.2	211
2	Guidance of trunk neural crest migration requires neuropilin 2/semaphorin 3F signaling. Development (Cambridge), 2006, 133, 99-106.	2.5	157
3	Genomic analysis of neural crest induction. Development (Cambridge), 2002, 129, 5731-5741.	2.5	111
4	Neuropilin 2/semaphorin 3F signaling is essential for cranial neural crest migration and trigeminal ganglion condensation. Developmental Neurobiology, 2007, 67, 47-56.	3.0	105
5	Neural crest migration: Patterns, phases and signals. Developmental Biology, 2010, 344, 566-568.	2.0	78
6	Division of labor during trunk neural crest development. Developmental Biology, 2010, 344, 555-565.	2.0	67
7	Abnormalities in neural crest cell migration in laminin Î±5 mutant mice. Developmental Biology, 2006, 289, 218-228.	2.0	65
8	Aspects of the embryology and neural development of the American lobster. The Journal of Experimental Zoology, 1992, 261, 288-297.	1.4	49
9	Neuropilin receptors guide distinct phases of sensory and motor neuronal segmentation. Development (Cambridge), 2009, 136, 1879-1888.	2.5	49
10	Coincidence of otx2 and BMP4 signaling correlates with Xenopus cement gland formation. Mechanisms of Development, 2000, 92, 217-226.	1.7	47
11	Discovery of transcription factors and other candidate regulators of neural crest development. Developmental Dynamics, 2008, 237, 1021-1033.	1.8	45
12	Specification of the enveloping layer and lack of autoneuralization in zebrafish embryonic explants. Developmental Dynamics, 2005, 232, 85-97.	1.8	38
13	otx2 Expression in the Ectoderm Activates Anterior Neural Determination and Is Required for Xenopus Cement Gland Formation. Developmental Biology, 2001, 240, 223-236.	2.0	34
14	Tetraspanin18 is a FoxD3-responsive antagonist of cranial neural crest epithelial to mesenchymal transition that maintains Cadherin6B protein. Journal of Cell Science, 2013, 126, 1464-76.	2.0	34
15	DNA Methyltransferase 3b Is Dispensable for Mouse Neural Crest Development. PLoS ONE, 2012, 7, e47794.	2.5	31
16	Cytoplasmic protein methylation is essential for neural crest migration. Journal of Cell Biology, 2014, 204, 95-109.	5.2	27
17	FoxD3 regulates cranial neural crest EMT via downregulation of tetraspanin18 independent of its functions during neural crest formation. Mechanisms of Development, 2014, 132, 1-12.	1.7	26
18	Paladin is an antiphosphatase that regulates neural crest cell formation and migration. Developmental Biology, 2012, 371, 180-190.	2.0	24

#	Article	IF	Citations
19	Discovery of genes implicated in placode formation. Developmental Biology, 2004, 274, 462-477.	2.0	22
20	Neural crest specification and migration independently require NSD3-related lysine methyltransferase activity. Molecular Biology of the Cell, 2014, 25, 4174-4186.	2.1	20
21	Neuropilin 2/semaphorin 3F signaling is essential for cranial neural crest migration and trigeminal ganglion condensation. Journal of Neurobiology, 2007, 67, 47-56.	3.6	15
22	Embryological and Genetic Manipulation of Chick Development. Methods in Molecular Biology, 2011, 770, 119-137.	0.9	15
23	Expression of actinâ€binding proteins and requirement for actinâ€depolymerizing factor in chick neural crest cells. Developmental Dynamics, 2014, 243, 730-738.	1.8	12
24	Chick cranial neural crest cells release extracellular vesicles that are critical for their migration. Journal of Cell Science, 2022, 135, .	2.0	11
25	Embryological and Genetic Manipulation of Chick Development. Methods in Molecular Biology, 2019, 1920, 75-97.	0.9	10
26	Profiling NSD3-dependent neural crest gene expression reveals known and novel candidate regulatory factors. Developmental Biology, 2021, 475, 118-130.	2.0	7
27	Chapter 16 Gene Discovery: Macroarrays and Microarrays. Methods in Cell Biology, 2008, 87, 297-312.	1.1	2
28	The lysine methyltransferase <scp>SETD2</scp> is a dynamically expressed regulator of early neural crest development. Genesis, 2021, 59, e23448.	1.6	1
29	Neuropilin receptors direct neural crest cell pathway choice and migratory trajectories. FASEB Journal, 2011, 25, .	0.5	0
30	Using the antiphosphatase Paladin to understand the phosphoregulation of neural crest development. FASEB Journal, 2013, 27, 965.3.	0.5	0
31	Insights into neural crest phosphoregulation through the antiphosphatase Paladin (541.8). FASEB Journal, 2014, 28, 541.8.	0.5	0