

Marianne E Bronner

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

182
papers

6,728
citations

46
h-index

75
g-index

221
ext. papers

8,710
ext. citations

8.7
avg, IF

6.58
L-index

#	Paper	IF	Citations
182	Single-cell atlas of early chick development reveals gradual segregation of neural crest lineage from the neural plate border during neurulation.. <i>ELife</i> , 2022 , 11,	8.9	1
181	Efficient CRISPR Mutagenesis in Sturgeon Demonstrates Its Utility in Large, Slow-Maturing Vertebrates.. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10, 750833	5.7	0
180	Hmx gene conservation identifies the origin of vertebrate cranial ganglia.. <i>Nature</i> , 2022 ,	50.4	2
179	Clonal analysis and dynamic imaging identify multipotency of individual Gallus gallus caudal hindbrain neural crest cells toward cardiac and enteric fates. <i>Nature Communications</i> , 2021 , 12, 1894	17.4	2
178	A single-plasmid approach for genome editing coupled with long-term lineage analysis in chick embryos. <i>Development (Cambridge)</i> , 2021 , 148,	6.6	2
177	Schwann cell precursors: Where they come from and where they go. <i>Cells and Development</i> , 2021 , 166, 203686		0
176	Hypoxia inducible factor-2 Importance for migration, proliferation, and self-renewal of trunk neural crest cells. <i>Developmental Dynamics</i> , 2021 , 250, 191-236	2.9	7
175	Evolution of new cell types at the lateral neural border. <i>Current Topics in Developmental Biology</i> , 2021 , 141, 173-205	5.3	3
174	Transcriptomic Identification of Draxin-Responsive Targets During Cranial Neural Crest EMT. <i>Frontiers in Physiology</i> , 2021 , 12, 624037	4.6	3
173	Reprint of: Schwann cell precursors: Where they come from and where they go. <i>Cells and Development</i> , 2021 , 203729		0
172	Riding the crest to get a head: neural crest evolution in vertebrates. <i>Nature Reviews Neuroscience</i> , 2021 , 22, 616-626	13.5	4
171	Essential function and targets of BMP signaling during midbrain neural crest delamination. <i>Developmental Biology</i> , 2021 , 477, 251-261	3.1	4
170	Seq Your Destiny: Neural Crest Fate Determination in the Genomic Era. <i>Annual Review of Genetics</i> , 2021 , 55, 349-376	14.5	1
169	Analysis of lamprey meis genes reveals that conserved inputs from Hox, Meis and Pbx proteins control their expression in the hindbrain and neural tube. <i>Developmental Biology</i> , 2021 , 479, 61-76	3.1	0
168	A Spectrum of Cell States During the Epithelial-to-Mesenchymal Transition. <i>Methods in Molecular Biology</i> , 2021 , 2179, 3-6	1.4	1
167	Whole gut imaging allows quantification of all enteric neurons in the adult zebrafish intestine. <i>Neurogastroenterology and Motility</i> , 2021 , e14292	4	0
166	Reprogramming Axial Level Identity to Rescue Neural-Crest-Related Congenital Heart Defects. <i>Developmental Cell</i> , 2020 , 53, 300-315.e4	10.2	19

165	enteric neurogenesis in post-embryonic zebrafish from Schwann cell precursors rather than resident cell types. <i>Development (Cambridge)</i> , 2020 , 147,	6.6	14
164	Epithelial-to-mesenchymal transition and different migration strategies as viewed from the neural crest. <i>Current Opinion in Cell Biology</i> , 2020 , 66, 43-50	9	18
163	Bimodal function of chromatin remodeler in neural crest induction and Wnt-dependent emigration. <i>ELife</i> , 2020 , 9,	8.9	8
162	Adult tissue-derived neural crest-like stem cells: Sources, regulatory networks, and translational potential. <i>Stem Cells Translational Medicine</i> , 2020 , 9, 328-341	6.9	18
161	Migratory patterns and evolutionary plasticity of cranial neural crest cells in ray-finned fishes. <i>Developmental Biology</i> , 2020 , 467, 14-29	3.1	3
160	Macropinocytosis-mediated membrane recycling drives neural crest migration by delivering F-actin to the lamellipodium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 27400-27411	11.5	10
159	Neural crest lineage analysis: from past to future trajectory. <i>Development (Cambridge)</i> , 2020 , 147,	6.6	12
158	Guidelines and definitions for research on epithelial-mesenchymal transition. <i>Nature Reviews Molecular Cell Biology</i> , 2020 , 21, 341-352	48.7	469
157	A conserved regulatory program initiates lateral plate mesoderm emergence across chordates. <i>Nature Communications</i> , 2019 , 10, 3857	17.4	24
156	Maintaining multipotent trunk neural crest stem cells as self-renewing crestospheres. <i>Developmental Biology</i> , 2019 , 447, 137-146	3.1	10
155	Spatiotemporal structure of cell fate decisions in murine neural crest. <i>Science</i> , 2019 , 364,	33.3	181
154	An atlas of anterior hox gene expression in the embryonic sea lamprey head: Hox-code evolution in vertebrates. <i>Developmental Biology</i> , 2019 , 453, 19-33	3.1	11
153	Epigenetic inactivation of miR-203 as a key step in neural crest epithelial-to-mesenchymal transition. <i>Development (Cambridge)</i> , 2019 , 146,	6.6	11
152	Multiplex clonal analysis in the chick embryo using retrovirally-mediated combinatorial labeling. <i>Developmental Biology</i> , 2019 , 450, 1-8	3.1	8
151	A Hox-TALE regulatory circuit for neural crest patterning is conserved across vertebrates. <i>Nature Communications</i> , 2019 , 10, 1189	17.4	24
150	Filling in the phylogenetic gaps: Induction, migration, and differentiation of neural crest cells in a squamate reptile, the veiled chameleon (<i>Chamaeleo calyptratus</i>). <i>Developmental Dynamics</i> , 2019 , 248, 709-727	2.9	14
149	InVivo Quantitative Imaging Provides Insights into Trunk Neural Crest Migration. <i>Cell Reports</i> , 2019 , 26, 1489-1500.e3	10.6	27
148	Neural crest stem cells from human epidermis of aged donors maintain their multipotency in vitro and in vivo. <i>Scientific Reports</i> , 2019 , 9, 9750	4.9	10

147	A genome-wide assessment of the ancestral neural crest gene regulatory network. <i>Nature Communications</i> , 2019 , 10, 4689	17.4	28
146	Cardiac neural crest contributes to cardiomyocytes in amniotes and heart regeneration in zebrafish. <i>ELife</i> , 2019 , 8,	8.9	31
145	Evolution of the new head by gradual acquisition of neural crest regulatory circuits. <i>Nature</i> , 2019 , 574, 675-678	50.4	39
144	Draxin alters laminin organization during basement membrane remodeling to control cranial neural crest EMT. <i>Developmental Biology</i> , 2019 , 446, 151-158	3.1	17
143	Dynamic Ligand Discrimination in the Notch Signaling Pathway. <i>Cell</i> , 2018 , 172, 869-880.e19	56.2	153
142	Intracellular attenuation of BMP signaling via CKIP-1/Smurf1 is essential during neural crest induction. <i>PLoS Biology</i> , 2018 , 16, e2004425	9.7	16
141	Draxin acts as a molecular rheostat of canonical Wnt signaling to control cranial neural crest EMT. <i>Journal of Cell Biology</i> , 2018 , 217, 3683-3697	7.3	30
140	A catenin-dependent balance between N-cadherin and E-cadherin controls neuroectodermal cell fate choices. <i>Mechanisms of Development</i> , 2018 , 152, 44-56	1.7	16
139	Insights into neural crest development from studies of avian embryos. <i>International Journal of Developmental Biology</i> , 2018 , 62, 183-194	1.9	15
138	Migration and diversification of the vagal neural crest. <i>Developmental Biology</i> , 2018 , 444 Suppl 1, S98-S109	1.9	32
137	Enhanced expression of MycN/CIP2A drives neural crest toward a neural stem cell-like fate: Implications for priming of neuroblastoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E7351-E7360	11.5	21
136	Retinoic acid temporally orchestrates colonization of the gut by vagal neural crest cells. <i>Developmental Biology</i> , 2018 , 433, 17-32	3.1	21
135	Transcriptome dataset of trunk neural crest cells migrating along the ventral pathway of chick embryos. <i>Data in Brief</i> , 2018 , 21, 2547-2553	1.2	6
134	Comparative Development of Cyclostomes 2018 , 30-58		1
133	Transcriptome profiling of the cardiac neural crest reveals a critical role for MafB. <i>Developmental Biology</i> , 2018 , 444 Suppl 1, S209-S218	3.1	18
132	Leukocyte receptor tyrosine kinase interacts with secreted midkine to promote survival of migrating neural crest cells. <i>Development (Cambridge)</i> , 2018 , 145,	6.6	7
131	Tracking neural crest cell cycle progression in vivo. <i>Genesis</i> , 2018 , 56, e23214	1.9	13
130	Reprogramming Postnatal Human Epidermal Keratinocytes Toward Functional Neural Crest Fates. <i>Stem Cells</i> , 2017 , 35, 1402-1415	5.8	16

129	A systems-level approach reveals new gene regulatory modules in the developing ear. <i>Development (Cambridge)</i> , 2017 , 144, 1531-1543	6.6	18
128	Ancient evolutionary origin of vertebrate enteric neurons from trunk-derived neural crest. <i>Nature</i> , 2017 , 544, 88-91	50.4	50
127	Tissue specific regulation of the chick Sox10E1 enhancer by different Sox family members. <i>Developmental Biology</i> , 2017 , 422, 47-57	3.1	12
126	Targeted Pth4-expressing cell ablation impairs skeletal mineralization in zebrafish. <i>PLoS ONE</i> , 2017 , 12, e0186444	3.7	3
125	Regulatory Logic Underlying Diversification of the Neural Crest. <i>Trends in Genetics</i> , 2017 , 33, 715-727	8.5	100
124	Identification of a neural crest stem cell niche by Spatial Genomic Analysis. <i>Nature Communications</i> , 2017 , 8, 1830	17.4	51
123	Optimization of CRISPR/Cas9 genome editing for loss-of-function in the early chick embryo. <i>Developmental Biology</i> , 2017 , 432, 86-97	3.1	48
122	Pth4, an ancient parathyroid hormone lost in eutherian mammals, reveals a new brain-to-bone signaling pathway. <i>FASEB Journal</i> , 2017 , 31, 569-583	0.9	12
121	Planar cell polarity signaling coordinates oriented cell division and cell rearrangement in clonally expanding growth plate cartilage. <i>ELife</i> , 2017 , 6,	8.9	19
120	Dynamic transcriptional signature and cell fate analysis reveals plasticity of individual neural plate border cells. <i>ELife</i> , 2017 , 6,	8.9	43
119	Author response: Dynamic transcriptional signature and cell fate analysis reveals plasticity of individual neural plate border cells 2017 ,		2
118	SOXE neofunctionalization and elaboration of the neural crest during chordate evolution. <i>Scientific Reports</i> , 2016 , 6, 34964	4.9	9
117	How inhibitory cues can both constrain and promote cell migration. <i>Journal of Cell Biology</i> , 2016 , 213, 505-7	7.3	1
116	Reprogramming of avian neural crest axial identity and cell fate. <i>Science</i> , 2016 , 352, 1570-3	33.3	91
115	The epigenetic modifier DNMT3A is necessary for proper otic placode formation. <i>Developmental Biology</i> , 2016 , 411, 294-300	3.1	17
114	Evolution of the vertebrate claudin gene family: insights from a basal vertebrate, the sea lamprey. <i>International Journal of Developmental Biology</i> , 2016 , 60, 39-51	1.9	8
113	A novel subset of enteric neurons revealed by ptf1a:GFP in the developing zebrafish enteric nervous system. <i>Genesis</i> , 2016 , 54, 123-8	1.9	4
112	Generating trunk neural crest from human pluripotent stem cells. <i>Scientific Reports</i> , 2016 , 6, 19727	4.9	45

111	cMyc Regulates the Size of the Premigratory Neural Crest Stem Cell Pool. <i>Cell Reports</i> , 2016 , 17, 2648-2659	6.6	33
110	The Neural Crest Migrating into the Twenty-First Century. <i>Current Topics in Developmental Biology</i> , 2016 , 116, 115-34	5.3	67
109	Mapping a multiplexed zoo of mRNA expression. <i>Development (Cambridge)</i> , 2016 , 143, 3632-3637	6.6	95
108	The vertebrate Hox gene regulatory network for hindbrain segmentation: Evolution and diversification: Coupling of a Hox gene regulatory network to hindbrain segmentation is an ancient trait originating at the base of vertebrates. <i>BioEssays</i> , 2016 , 38, 526-38	4.1	48
107	Dual developmental role of transcriptional regulator Ets1 in <i>Xenopus</i> cardiac neural crest vs. heart mesoderm. <i>Cardiovascular Research</i> , 2015 , 106, 67-75	9.9	20
106	Confetti clarifies controversy: neural crest stem cells are multipotent. <i>Cell Stem Cell</i> , 2015 , 16, 217-8	1.8	11
105	Axud1 Integrates Wnt Signaling and Transcriptional Inputs to Drive Neural Crest Formation. <i>Developmental Cell</i> , 2015 , 34, 544-54	10.2	47
104	Evolution of vertebrates as viewed from the crest. <i>Nature</i> , 2015 , 520, 474-482	50.4	138
103	Animal models for studying neural crest development: is the mouse different?. <i>Development (Cambridge)</i> , 2015 , 142, 1555-60	6.6	51
102	Evolution: On the crest of becoming vertebrate. <i>Nature</i> , 2015 , 527, 311-2	50.4	7
101	Meis3 is required for neural crest invasion of the gut during zebrafish enteric nervous system development. <i>Molecular Biology of the Cell</i> , 2015 , 26, 3728-40	3.5	23
100	Histone demethylase KDM4B regulates otic vesicle invagination via epigenetic control of Dlx3 expression. <i>Journal of Cell Biology</i> , 2015 , 211, 815-27	7.3	19
99	From classical to current: analyzing peripheral nervous system and spinal cord lineage and fate. <i>Developmental Biology</i> , 2015 , 398, 135-46	3.1	30
98	Crestospheres: Long-Term Maintenance of Multipotent, Premigratory Neural Crest Stem Cells. <i>Stem Cell Reports</i> , 2015 , 5, 499-507	8	35
97	Evolutionarily conserved role for SoxC genes in neural crest specification and neuronal differentiation. <i>Developmental Biology</i> , 2015 , 397, 282-92	3.1	12
96	Establishing neural crest identity: a gene regulatory recipe. <i>Development (Cambridge)</i> , 2015 , 142, 242-57	6.6	351
95	Znf385C mediates a novel p53-dependent transcriptional switch to control timing of facial bone formation. <i>Developmental Biology</i> , 2015 , 400, 23-32	3.1	10
94	Sensational placodes: neurogenesis in the otic and olfactory systems. <i>Developmental Biology</i> , 2014 , 389, 50-67	3.1	40

93	The lamprey: a jawless vertebrate model system for examining origin of the neural crest and other vertebrate traits. <i>Differentiation</i> , 2014 , 87, 44-51	3.5	41
92	Zebrafish stem/progenitor factor msi2b exhibits two phases of activity mediated by different splice variants. <i>Stem Cells</i> , 2014 , 32, 558-71	5.8	5
91	A Hox regulatory network of hindbrain segmentation is conserved to the base of vertebrates. <i>Nature</i> , 2014 , 514, 490-3	50.4	72
90	Stage-dependent plasticity of the anterior neural folds to form neural crest. <i>Differentiation</i> , 2014 , 88, 42-50	3.5	2
89	Rapid adaptive optical recovery of optimal resolution over large volumes. <i>Nature Methods</i> , 2014 , 11, 625-8	21.6	169
88	A fate-map for cranial sensory ganglia in the sea lamprey. <i>Developmental Biology</i> , 2014 , 385, 405-16	3.1	24
87	Expression and function of transcription factor cMyb during cranial neural crest development. <i>Mechanisms of Development</i> , 2014 , 132, 38-43	1.7	14
86	A novel HoxB cluster protein expressed in the hindbrain and pharyngeal arches. <i>Genesis</i> , 2014 , 52, 858-63.9		1
85	A reporter assay in lamprey embryos reveals both functional conservation and elaboration of vertebrate enhancers. <i>PLoS ONE</i> , 2014 , 9, e85492	3.7	27
84	Bioinformatic analysis of nematode migration-associated genes identifies novel vertebrate neural crest markers. <i>PLoS ONE</i> , 2014 , 9, e103024	3.7	
83	Migrating into Genomics with the Neural Crest. <i>Advances in Biology</i> , 2014 , 2014, 1-8		2
82	Epigenetic Regulation of Neural Crest Cells 2014 , 89-100		
81	Biphasic influence of Miz1 on neural crest development by regulating cell survival and apical adhesion complex formation in the developing neural tube. <i>Molecular Biology of the Cell</i> , 2014 , 25, 347-55	3.5	8
80	DNA methyltransferase 3B regulates duration of neural crest production via repression of Sox10. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 17911-6	11.5	20
79	Epigenetic regulation in neural crest development. <i>Developmental Biology</i> , 2014 , 396, 159-68	3.1	62
78	Transcriptome analysis reveals novel players in the cranial neural crest gene regulatory network. <i>Genome Research</i> , 2014 , 24, 281-90	9.7	80
77	Identification and dissection of a key enhancer mediating cranial neural crest specific expression of transcription factor, Ets-1. <i>Developmental Biology</i> , 2013 , 382, 567-75	3.1	38
76	Insights into neural crest development and evolution from genomic analysis. <i>Genome Research</i> , 2013 , 23, 1069-80	9.7	86

75	Elk3 is essential for the progression from progenitor to definitive neural crest cell. <i>Developmental Biology</i> , 2013 , 374, 255-63	3.1	10
74	A novel FoxD3 gene trap line reveals neural crest precursor movement and a role for FoxD3 in their specification. <i>Developmental Biology</i> , 2013 , 374, 1-11	3.1	35
73	Gene duplications and the early evolution of neural crest development. <i>Seminars in Cell and Developmental Biology</i> , 2013 , 24, 95-100	7.5	18
72	Clonal analyses in the anterior pre-placodal region: implications for the early lineage bias of placodal progenitors. <i>International Journal of Developmental Biology</i> , 2013 , 57, 753-7	1.9	12
71	The transcription factor chicken Scratch2 is expressed in a subset of early postmitotic neural progenitors. <i>Gene Expression Patterns</i> , 2013 , 13, 189-96	1.5	6
70	Sequencing of the sea lamprey (<i>Petromyzon marinus</i>) genome provides insights into vertebrate evolution. <i>Nature Genetics</i> , 2013 , 45, 415-21, 421e1-2	36.3	465
69	Evidence for dynamic rearrangements but lack of fate or position restrictions in premigratory avian trunk neural crest. <i>Development (Cambridge)</i> , 2013 , 140, 820-30	6.6	53
68	Laminin α controls distinct steps during the establishment of digestive organ laterality. <i>Development (Cambridge)</i> , 2013 , 140, 2734-45	6.6	18
67	Sip1 mediates an E-cadherin-to-N-cadherin switch during cranial neural crest EMT. <i>Journal of Cell Biology</i> , 2013 , 203, 835-47	7.3	108
66	Human fetal keratocytes have multipotent characteristics in the developing avian embryo. <i>Stem Cells and Development</i> , 2013 , 22, 2186-95	4.4	7
65	Neurogenesis and Migration 2013 , 339-361		1
64	Sox10-dependent neural crest origin of olfactory microvillous neurons in zebrafish. <i>ELife</i> , 2013 , 2, e00338.9	3.9	35
63	Evidence for dynamic rearrangements but lack of fate or position. <i>FASEB Journal</i> , 2013 , 27, 965.1	0.9	
62	Development and evolution of the neural crest: an overview. <i>Developmental Biology</i> , 2012 , 366, 2-9	3.1	229
61	Preface: the neural crest--from stem cell formation to migration and differentiation. <i>Developmental Biology</i> , 2012 , 366, 1	3.1	12
60	Epithelial to mesenchymal transition: new and old insights from the classical neural crest model. <i>Seminars in Cancer Biology</i> , 2012 , 22, 411-6	12.7	49
59	Expression of Sox family genes in early lamprey development. <i>International Journal of Developmental Biology</i> , 2012 , 56, 377-83	1.9	12
58	What is bad in cancer is good in the embryo: importance of EMT in neural crest development. <i>Seminars in Cell and Developmental Biology</i> , 2012 , 23, 320-32	7.5	100

57	A PHD12-Snail2 repressive complex epigenetically mediates neural crest epithelial-to-mesenchymal transition. <i>Journal of Cell Biology</i> , 2012 , 198, 999-1010	7.3	56
56	Formation and migration of neural crest cells in the vertebrate embryo. <i>Histochemistry and Cell Biology</i> , 2012 , 138, 179-86	2.4	58
55	The tight junction protein claudin-1 influences cranial neural crest cell emigration. <i>Mechanisms of Development</i> , 2012 , 129, 275-83	1.7	12
54	A stable cranial neural crest cell line from mouse. <i>Stem Cells and Development</i> , 2012 , 21, 3069-80	4.4	70
53	DNA methyltransferase3A as a molecular switch mediating the neural tube-to-neural crest fate transition. <i>Genes and Development</i> , 2012 , 26, 2380-5	12.6	54
52	Neural crest specification: tissues, signals, and transcription factors. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2012 , 1, 52-68	5.9	46
51	ILF-3 is a regulator of the neural plate border marker Zic1 in chick embryos. <i>Developmental Dynamics</i> , 2012 , 241, 1325-32	2.9	
50	Dynamic and differential regulation of stem cell factor FoxD3 in the neural crest is Encrypted in the genome. <i>PLoS Genetics</i> , 2012 , 8, e1003142	6	92
49	A career at the interface of cell and developmental biology: a view from the crest. <i>Molecular Biology of the Cell</i> , 2012 , 23, 4151-3	3.5	2
48	Rbms3 functions in craniofacial development by posttranscriptionally modulating TGF- β signaling. <i>Journal of Cell Biology</i> , 2012 , 199, 453-66	7.3	31
47	Early regulative ability of the neuroepithelium to form cardiac neural crest. <i>Developmental Biology</i> , 2011 , 349, 238-49	3.1	4
46	Expression of sympathetic nervous system genes in Lamprey suggests their recruitment for specification of a new vertebrate feature. <i>PLoS ONE</i> , 2011 , 6, e26543	3.7	26
45	Tetraspanin, CD151, is required for maintenance of trigeminal placode identity. <i>Journal of Neurochemistry</i> , 2011 , 117, 221-30	6	5
44	Live imaging of endogenous Collapsin response mediator protein-1 expression at subcellular resolution during zebrafish nervous system development. <i>Gene Expression Patterns</i> , 2011 , 11, 395-400	1.5	3
43	Ancient Pbx-Hox signatures define hundreds of vertebrate developmental enhancers. <i>BMC Genomics</i> , 2011 , 12, 637	4.5	23
42	Ancestral network module regulating prdm1 expression in the lamprey neural plate border. <i>Developmental Dynamics</i> , 2011 , 240, 2265-71	2.9	18
41	Live imaging of endogenous periodic tryptophan protein 2 gene homologue during zebrafish development. <i>Developmental Dynamics</i> , 2011 , 240, 2578-83	2.9	1
40	A Sox10 enhancer element common to the otic placode and neural crest is activated by tissue-specific paralogs. <i>Development (Cambridge)</i> , 2011 , 138, 3689-98	6.6	46

39	Structural shifts of aldehyde dehydrogenase enzymes were instrumental for the early evolution of retinoid-dependent axial patterning in metazoans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 226-31	11.5	51
38	Snapshot: neural crest. <i>Cell</i> , 2010 , 143, 486-486.e1	56.2	23
37	Altering Glypican-1 levels modulates canonical Wnt signaling during trigeminal placode development. <i>Developmental Biology</i> , 2010 , 348, 107-18	3.1	23
36	Birth of ophthalmic trigeminal neurons initiates early in the placodal ectoderm. <i>Journal of Comparative Neurology</i> , 2009 , 514, 161-73	3.4	24
35	Comprehensive spatiotemporal analysis of early chick neural crest network genes. <i>Developmental Dynamics</i> , 2009 , 238, 716-23	2.9	85
34	Review: the role of neural crest cells in the endocrine system. <i>Endocrine Pathology</i> , 2009 , 20, 92-100	4.2	38
33	Fate map and morphogenesis of presumptive neural crest and dorsal neural tube. <i>Developmental Biology</i> , 2009 , 330, 221-36	3.1	51
32	Molecular and tissue interactions governing induction of cranial ectodermal placodes. <i>Developmental Biology</i> , 2009 , 332, 189-95	3.1	47
31	Myosin-X is critical for migratory ability of <i>Xenopus</i> cranial neural crest cells. <i>Developmental Biology</i> , 2009 , 335, 132-42	3.1	33
30	Gene regulatory networks that control the specification of neural-crest cells in the lamprey. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2009 , 1789, 274-8	6	14
29	Evolution of the neural crest viewed from a gene regulatory perspective. <i>Genesis</i> , 2008 , 46, 673-82	1.9	61
28	EWS-FLI1 causes neuroepithelial defects and abrogates emigration of neural crest stem cells. <i>Stem Cells</i> , 2008 , 26, 2237-44	5.8	12
27	Neuropilin 2/semaphorin 3F signaling is essential for cranial neural crest migration and trigeminal ganglion condensation. <i>Developmental Neurobiology</i> , 2007 , 67, 47-56	3.2	93
26	Identification of candidate secreted factors involved in trigeminal placode induction. <i>Developmental Dynamics</i> , 2007 , 236, 2925-35	2.9	8
25	A critical role for Cadherin6B in regulating avian neural crest emigration. <i>Developmental Biology</i> , 2007 , 312, 533-44	3.1	101
24	Development and evolution of the migratory neural crest: a gene regulatory perspective. <i>Current Opinion in Genetics and Development</i> , 2006 , 16, 360-6	4.9	72
23	Corneal keratocytes retain neural crest progenitor cell properties. <i>Developmental Biology</i> , 2005 , 288, 284-93	3.1	58
22	Early steps in neural crest specification. <i>Seminars in Cell and Developmental Biology</i> , 2005 , 16, 642-6	7.5	99

21	Molecular mechanisms of neural crest induction. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2004 , 72, 109-23		52
20	Development. Making sense of the sensory lineage. <i>Science</i> , 2004 , 303, 966-8	33.3	18
19	Hierarchy of regulatory events in sensory placode development. <i>Current Opinion in Genetics and Development</i> , 2004 , 14, 520-6	4.9	33
18	Developmental origins and evolution of jaws: new interpretation of "maxillary" and "mandibular". <i>Developmental Biology</i> , 2004 , 276, 225-36	3.1	104
17	Both neural crest and placode contribute to the ciliary ganglion and oculomotor nerve. <i>Developmental Biology</i> , 2003 , 263, 176-90	3.1	30
16	Molecular analysis of neural crest formation. <i>Journal of Physiology (Paris)</i> , 2002 , 96, 3-8		25
15	Neural expression of mouse Noelin-1/2 and comparison with other vertebrates. <i>Mechanisms of Development</i> , 2002 , 119, 121-5	1.7	29
14	Conservation of Pax gene expression in ectodermal placodes of the lamprey. <i>Gene</i> , 2002 , 287, 129-39	3.8	67
13	Temporally and spatially restricted expression of the helix-loop-helix transcriptional regulator Id1 during avian embryogenesis. <i>Mechanisms of Development</i> , 2001 , 109, 331-5	1.7	29
12	The transcriptional regulator Id3 is expressed in cranial sensory placodes during early avian embryonic development. <i>Mechanisms of Development</i> , 2001 , 109, 337-40	1.7	21
11	Avian neural crest cell fate decisions: a diffusible signal mediates induction of neural crest by the ectoderm. <i>International Journal of Developmental Neuroscience</i> , 2000 , 18, 621-7	2.7	21
10	Differentiation of the vertebrate neural tube. <i>Current Opinion in Cell Biology</i> , 1997 , 9, 885-91	9	27
9	Additivity of the effects of salt and ethylene glycol on DNA circular dichroism. <i>Biopolymers</i> , 1976 , 15, 589-98	2.2	2
8	RNA-binding protein Elavl1/HuR is required for maintenance of cranial neural crest specification		1
7	A genome-wide assessment of the ancestral neural crest gene regulatory network		1
6	De novo enteric neurogenesis in post-embryonic zebrafish from Schwann cell precursors rather than resident cell types		1
5	P-bodies are sites of rapid RNA decay during the neural crest epithelial-mesenchymal transition		3
4	Temporal changes in plasma membrane lipid content induce endocytosis to regulate developmental epithelial-to-mesenchymal transition		1

3	Maintaining trunk neural crest cells as crestospheres	1
2	A somatic piRNA pathway regulates epithelial-to-mesenchymal transition of chick neural crest cells	1
1	Evolution of a chordate-specific mechanism for myoblast fusion	3