

Marcos Simoes-Costa

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,770
citations

516710

16
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

2147
citing authors

#	ARTICLE	IF	CITATIONS
1	Establishing neural crest identity: a gene regulatory recipe. <i>Development (Cambridge)</i> , 2015, 142, 242-257.	2.5	502
2	Evolution of vertebrates as viewed from the crest. <i>Nature</i> , 2015, 520, 474-482.	27.8	195
3	Reprogramming of avian neural crest axial identity and cell fate. <i>Science</i> , 2016, 352, 1570-1573.	12.6	142
4	Insights into neural crest development and evolution from genomic analysis. <i>Genome Research</i> , 2013, 23, 1069-1080.	5.5	107
5	Transcriptome analysis reveals novel players in the cranial neural crest gene regulatory network. <i>Genome Research</i> , 2014, 24, 281-290.	5.5	106
6	The Neural Crest Migrating into the Twenty-First Century. <i>Current Topics in Developmental Biology</i> , 2016, 116, 115-134.	2.2	102
7	Metabolic Reprogramming Promotes Neural Crest Migration via Yap/Tead Signaling. <i>Developmental Cell</i> , 2020, 53, 199-211.e6.	7.0	102
8	Heterodimerization of TFAP2 pioneer factors drives epigenomic remodeling during neural crest specification. <i>Genome Research</i> , 2020, 30, 35-48.	5.5	78
9	Evolution of the new head by gradual acquisition of neural crest regulatory circuits. <i>Nature</i> , 2019, 574, 675-678.	27.8	74
10	Axud1 Integrates Wnt Signaling and Transcriptional Inputs to Drive Neural Crest Formation. <i>Developmental Cell</i> , 2015, 34, 544-554.	7.0	62
11	The molecular basis of neural crest axial identity. <i>Developmental Biology</i> , 2018, 444, S170-S180.	2.0	60
12	Control of neural crest multipotency by Wnt signaling and the Lin28/let-7 axis. <i>ELife</i> , 2018, 7, .	6.0	44
13	A systems level approach reveals new gene regulatory modules in the developing ear. <i>Development (Cambridge)</i> , 2017, 144, 1531-1543.	2.5	28
14	DNA methyltransferase 3B regulates duration of neural crest production via repression of <i>Sox10</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17911-17916.	7.1	25
15	Network architecture and regulatory logic in neural crest development. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2020, 12, e1468.	6.6	25
16	Neural crest metabolism: At the crossroads of development and disease. <i>Developmental Biology</i> , 2021, 475, 245-255.	2.0	23
17	Expression and function of transcription factor cMyb during cranial neural crest development. <i>Mechanisms of Development</i> , 2014, 132, 38-43.	1.7	21
18	Evolutionarily conserved role for SoxC genes in neural crest specification and neuronal differentiation. <i>Developmental Biology</i> , 2015, 397, 282-292.	2.0	19

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19	The connectome of neural crest enhancers reveals regulatory features of signaling systems. <i>Developmental Cell</i> , 2021, 56, 1268-1282.e6.	7.0	16
20	Post-transcriptional tuning of FGF signaling mediates neural crest induction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 33305-33316.	7.1	15
21	A regulatory sub-circuit downstream of Wnt signaling controls developmental transitions in neural crest formation. <i>PLoS Genetics</i> , 2021, 17, e1009296.	3.5	12
22	On the evolutionary origins and regionalization of the neural crest. <i>Seminars in Cell and Developmental Biology</i> , 2023, 138, 28-35.	5.0	7
23	Scratch2, a Snail Superfamily Member, Is Regulated by miR-125b. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 769.	3.7	2
24	Identifying Protein-DNA and Protein-Protein Interactions in Avian Embryos. <i>Methods in Molecular Biology</i> , 2019, 1920, 99-110.	0.9	1
25	Micro€managing pattern formation: miRNA regulation of signaling systems in vertebrate development. <i>FEBS Journal</i> , 2021, , .	4.7	1