

# E Michelle Southard-Smith

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

2,192  
citations

430874

18  
h-index

434195

31  
g-index

35  
all docs

35  
docs citations

35  
times ranked

3183  
citing authors

#	ARTICLE	IF	CITATIONS
1	SOX10 mutation disrupts neural crest development in Dom Hirschsprung mouse model. <i>Nature Genetics</i> , 1998, 18, 60-64.	21.4	702
2	Fate mapping using <i>Cited1-CreERT2</i> mice demonstrates that the cap mesenchyme contains self-renewing progenitor cells and gives rise exclusively to nephronic epithelia. <i>Developmental Biology</i> , 2008, 313, 234-245.	2.0	246
3	The GUDMAP database – an online resource for genitourinary research. <i>Development (Cambridge)</i> , 2011, 138, 2845-2853.	2.5	226
4	Adult enteric nervous system in health is maintained by a dynamic balance between neuronal apoptosis and neurogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E3709-E3718.	7.1	208
5	An illustrated anatomical ontology of the developing mouse lower urogenital tract. <i>Development (Cambridge)</i> , 2015, 142, 1893-1908.	2.5	108
6	<i>Sox10</i> Regulates Stem/Progenitor and Mesenchymal Cell States in Mammary Epithelial Cells. <i>Cell Reports</i> , 2015, 12, 2035-2048.	6.4	107
7	Combinatorial Transcriptional Profiling of Mouse and Human Enteric Neurons Identifies Shared and Disparate Subtypes In Situ. <i>Gastroenterology</i> , 2021, 160, 755-770.e26.	1.3	67
8	Distant regulatory elements in a <i>Sox10</i> - $\beta$ GEO BAC transgene are required for expression of <i>Sox10</i> in the enteric nervous system and other neural crest-derived tissues. <i>Developmental Dynamics</i> , 2006, 235, 1413-1432.	1.8	61
9	Mouse models of Hirschsprung disease and other developmental disorders of the enteric nervous system: Old and new players. <i>Developmental Biology</i> , 2016, 417, 139-157.	2.0	56
10	Genetic background impacts developmental potential of enteric neural crest-derived progenitors in the <i>Sox10</i> Dom model of Hirschsprung disease. <i>Human Molecular Genetics</i> , 2010, 19, 4353-4372.	2.9	46
11	A Histone2BCerulean BAC transgene identifies differential expression of <i>Phox2b</i> in migrating enteric neural crest derivatives and enteric glia. <i>Developmental Dynamics</i> , 2008, 237, 1119-1132.	1.8	45
12	Void spot assay procedural optimization and software for rapid and objective quantification of rodent voiding function, including overlapping urine spots. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F1067-F1080.	2.7	37
13	Isolation and live imaging of enteric progenitors based on <i>Sox10</i> -Histone2BVenus transgene expression. <i>Genesis</i> , 2011, 49, 599-618.	1.6	35
14	Enteric Neuron Imbalance and Proximal Dysmotility in Ganglionated Intestine of the <i>Sox10</i> Dom/+ Hirschsprung Mouse Model. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2015, 1, 87-101.	4.5	28
15	LRIG1 Regulates Ontogeny of Smooth Muscle-Derived Subsets of Interstitial Cells of Cajal in Mice. <i>Gastroenterology</i> , 2015, 149, 407-419.e8.	1.3	25
16	A <i>Phox2b</i> BAC Transgenic Rat Line Useful for Understanding Respiratory Rhythm Generator Neural Circuitry. <i>PLoS ONE</i> , 2015, 10, e0132475.	2.5	23
17	Migration pathways of sacral neural crest during development of lower urogenital tract innervation. <i>Developmental Biology</i> , 2017, 429, 356-369.	2.0	22
18	Balancing on the crest – Evidence for disruption of the enteric ganglia via inappropriate lineage segregation and consequences for gastrointestinal function. <i>Developmental Biology</i> , 2013, 382, 356-364.	2.0	19

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19	A Genome-Wide Screen to Identify Transcription Factors Expressed in Pelvic Ganglia of the Lower Urinary Tract. <i>Frontiers in Neuroscience</i> , 2012, 6, 130.	2.8	17
20	Differences in CART expression and cell cycle behavior discriminate sympathetic neuroblast from chromaffin cell lineages in mouse sympathoadrenal cells. <i>Developmental Neurobiology</i> , 2016, 76, 137-149.	3.0	17
21	Serotonin Receptor 5-HT3A Affects Development of Bladder Innervation and Urinary Bladder Function. <i>Frontiers in Neuroscience</i> , 2017, 11, 690.	2.8	16
22	Olfactory ensheathing cells abutting the embryonic olfactory bulb express <i>Frzb</i> , whose deletion disrupts olfactory axon targeting. <i>Glia</i> , 2018, 66, 2617-2631.	4.9	14
23	RNA-seq of Isolated Chromaffin Cells Highlights the Role of Sex-Linked and Imprinted Genes in Adrenal Medulla Development. <i>Scientific Reports</i> , 2019, 9, 3929.	3.3	14
24	Insights into olfactory ensheathing cell development from a laser microdissection and transcriptome profiling approach. <i>Glia</i> , 2020, 68, 2550-2584.	4.9	13
25	Model organism databases are in jeopardy. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	9
26	A <i>Uchl1</i> -Histone2BmCherry:GFP Crepi BAC transgene for imaging neuronal progenitors. <i>Genesis</i> , 2013, 51, 852-861.	1.6	7
27	Optimization of Laser-Capture Microdissection for the Isolation of Enteric Ganglia from Fresh-Frozen Human Tissue. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	7
28	Sox10-cre BAC transgenes reveal temporal restriction of mesenchymal cranial neural crest and identify glandular Sox10 expression. <i>Developmental Biology</i> , 2021, 471, 119-137.	2.0	5
29	5-HT3 Signaling Alters Development of Sacral Neural Crest Derivatives That Innervate the Lower Urinary Tract. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6838.	4.1	5
30	Altered sacral neural crest development in Pax3 spina bifida mutants underlies deficits of bladder innervation and function. <i>Developmental Biology</i> , 2021, 476, 173-188.	2.0	4
31	In the Enteric Nervous System, It's All About Connections. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 346-347.	4.5	2
32	Going the Extra Mile: A Sox10 Target, Cdh19, is Required for Sacral NC Migration in ENS Development. <i>Gastroenterology</i> , 2021, , .	1.3	0
33	Colonization of the Lower Urinary Tract by Neural Crest and Development of Pelvic Autonomic Innervation. <i>FASEB Journal</i> , 2018, 32, 367.2.	0.5	0
34	Hybridization Chain Reaction for mRNA Localization in Single Cells from Mouse and Human Cryosections. <i>Current Protocols</i> , 2022, 2, .	2.9	0