

Samantha A Brugmann

List of Publications by Year in descending order

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34
papers

1,548
citations

394421

19
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501196

28
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46
all docs

46
docs citations

46
times ranked

2198
citing authors

#	ARTICLE	IF	CITATIONS
1	The Society for Craniofacial Genetics and Developmental Biology 44th Annual Meeting. American Journal of Medical Genetics, Part A, 2022, , .	1.2	0
2	Pharmacological intervention of the FGFâ€“PTH axis as a potential therapeutic for craniofacial ciliopathies. DMM Disease Models and Mechanisms, 2022, 15, .	2.4	1
3	Ciliopathic micrognathia is caused by aberrant skeletal differentiation and remodeling. Development (Cambridge), 2021, 148, .	2.5	6
4	Atavisms in the avian hindlimb and early developmental polarity of the limb. Developmental Dynamics, 2021, 250, 1358-1367.	1.8	4
5	Mutation in the Ciliary Protein C2CD3 Reveals Organ-Specific Mechanisms of Hedgehog Signal Transduction in Avian Embryos. Journal of Developmental Biology, 2021, 9, 12.	1.7	4
6	Centriolar Protein C2cd3 Is Required for Craniofacial Development. Frontiers in Cell and Developmental Biology, 2021, 9, 647391.	3.7	1
7	Gli3 utilizes Hand2 to synergistically regulate tissue-specific transcriptional networks. ELife, 2020, 9, .	6.0	15
8	Sending mixed signals: Cilia-dependent signaling during development and disease. Developmental Biology, 2019, 447, 28-41.	2.0	64
9	Hand2 Functions to Synergistically Activate Gli Target Genes in Mandibular Neural Crest Cells. FASEB Journal, 2019, 33, 73.1.	0.5	0
10	A novel role for ciliaâ€“dependent sonic hedgehog signaling during submandibular gland development. Developmental Dynamics, 2018, 247, 818-831.	1.8	15
11	RDH10-mediated retinol metabolism and RARÎ±-mediated retinoic acid signaling are required for submandibular salivary gland initiation. Development (Cambridge), 2018, 145, .	2.5	21
12	Discovery, Diagnosis, and Etiology of Craniofacial Ciliopathies. Cold Spring Harbor Perspectives in Biology, 2017, 9, a028258.	5.5	28
13	Cilia-dependent GLI processing in neural crest cells is required for tongue development. Developmental Biology, 2017, 424, 124-137.	2.0	42
14	Neural crest cells utilize primary cilia to regulate ventral forebrain morphogenesis via Hedgehog-dependent regulation of oriented cell division. Developmental Biology, 2017, 431, 168-178.	2.0	8
15	Engineered human pluripotent-stem-cell-derived intestinal tissues with a functional enteric nervous system. Nature Medicine, 2017, 23, 49-59.	30.7	465
16	Unique spatiotemporal requirements for intraflagellar transport genes during forebrain development. PLoS ONE, 2017, 12, e0173258.	2.5	24
17	A tissue-specific role for intraflagellar transport genes during craniofacial development. PLoS ONE, 2017, 12, e0174206.	2.5	27
18	Understanding Mechanisms of GLI-Mediated Transcription during Craniofacial Development and Disease Using the Ciliopathic Mutant, talpid2. Frontiers in Physiology, 2016, 7, 468.	2.8	6

#	ARTICLE	IF	CITATIONS
19	Utilizing the chicken as an animal model for human craniofacial ciliopathies. <i>Developmental Biology</i> , 2016, 415, 326-337.	2.0	36
20	Defects in the Fanconi Anemia Pathway in Head and Neck Cancer Cells Stimulate Tumor Cell Invasion through DNA-PK and Rac1 Signaling. <i>Clinical Cancer Research</i> , 2016, 22, 2062-2073.	7.0	30
21	Craniofacial Ciliopathies Reveal Specific Requirements for GLI Proteins during Development of the Facial Midline. <i>PLoS Genetics</i> , 2016, 12, e1006351.	3.5	42
22	A mutation in FRIZZLED2 impairs Wnt signaling and causes autosomal dominant omodysplasia. <i>Human Molecular Genetics</i> , 2015, 24, 3399-3409.	2.9	30
23	Using the avian mutant <i>talpid2</i> as a disease model for understanding the oral-facial phenotypes of Oral-facial-digital syndrome. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 855-66.	2.4	25
24	The Ciliary Baton. <i>Current Topics in Developmental Biology</i> , 2015, 111, 97-134.	2.2	27
25	Craniofacial Syndromes. , 2015, , 653-676.		0
26	GLI-dependent Etiology of Craniofacial Ciliopathies. <i>FASEB Journal</i> , 2015, 29, 86.2.	0.5	2
27	The cellular and molecular etiology of the craniofacial defects in the avian ciliopathic mutant <i>talpid2</i> . <i>Development (Cambridge)</i> , 2014, 141, 3003-3012.	2.5	45
28	Characterization of the avian <i>Talpid2</i> mutant. <i>FASEB Journal</i> , 2013, 27, 967.5.	0.5	0
29	The emerging face of primary cilia. <i>Genesis</i> , 2011, 49, 231-246.	1.6	70
30	Indian hedgehog positively regulates calvarial ossification and modulates bone morphogenetic protein signaling. <i>Genesis</i> , 2011, 49, 784-796.	1.6	82
31	Craniofacial ciliopathies: A new classification for craniofacial disorders. <i>American Journal of Medical Genetics, Part A</i> , 2010, 152A, 2995-3006.	1.2	61
32	A primary cilia-dependent etiology for midline facial disorders. <i>Human Molecular Genetics</i> , 2010, 19, 1577-1592.	2.9	143
33	Wnt signaling mediates regional specification in the vertebrate face. <i>Development (Cambridge)</i> , 2007, 134, 3283-3295.	2.5	188
34	The Molecular Origins of Species-specific Facial Pattern. <i>Current Topics in Developmental Biology</i> , 2006, 73, 1-42.	2.2	35