

Brian S Clark

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,584
citations

361045

20
h-index

525886

27
g-index

33
all docs

33
docs citations

33
times ranked

4647
citing authors

#	ARTICLE	IF	CITATIONS
1	The Evf-2 noncoding RNA is transcribed from the Dlx-5/6 ultraconserved region and functions as a Dlx-2 transcriptional coactivator. <i>Genes and Development</i> , 2006, 20, 1470-1484.	2.7	652
2	Single-Cell RNA-Seq Analysis of Retinal Development Identifies NFI Factors as Regulating Mitotic Exit and Late-Born Cell Specification. <i>Neuron</i> , 2019, 102, 1111-1126.e5.	3.8	343
3	Single-Cell Analysis of Human Retina Identifies Evolutionarily Conserved and Species-Specific Mechanisms Controlling Development. <i>Developmental Cell</i> , 2020, 53, 473-491.e9.	3.1	170
4	Long non-coding RNA-dependent transcriptional regulation in neuronal development and disease. <i>Frontiers in Genetics</i> , 2014, 5, 164.	1.1	145
5	Yap and Taz regulate retinal pigment epithelial cell fate. <i>Development (Cambridge)</i> , 2015, 142, 3021-32.	1.2	123
6	Decomposing Cell Identity for Transfer Learning across Cellular Measurements, Platforms, Tissues, and Species. <i>Cell Systems</i> , 2019, 8, 395-411.e8.	2.9	121
7	JD induced pluripotent stem cell-derived hepatocytes faithfully recapitulate the pathophysiology of familial hypercholesterolemia. <i>Hepatology</i> , 2012, 56, 2163-2171.	3.6	120
8	Generation of Rab4-based transgenic lines for <i>in vivo</i> studies of endosome biology in zebrafish. <i>Developmental Dynamics</i> , 2011, 240, 2452-2465.	0.8	97
9	<i>Evf2</i> lncRNA/BRG1/DLX1 interactions reveal RNA-dependent chromatin remodeling inhibition. <i>Development (Cambridge)</i> , 2015, 142, 2641-52.	1.2	84
10	Lhx2 Is an Essential Factor for Retinal Gliogenesis and Notch Signaling. <i>Journal of Neuroscience</i> , 2016, 36, 2391-2405.	1.7	79
11	Loss of Llg1 in retinal neuroepithelia reveals links between apical domain size, Notch activity and neurogenesis. <i>Development (Cambridge)</i> , 2012, 139, 1599-1610.	1.2	77
12	Comprehensive identification of mRNA isoforms reveals the diversity of neural cell-surface molecules with roles in retinal development and disease. <i>Nature Communications</i> , 2020, 11, 3328.	5.8	69
13	Mirror-symmetric microtubule assembly and cell interactions drive lumen formation in the zebrafish neural rod. <i>EMBO Journal</i> , 2012, 32, 30-44.	3.5	59
14	A toolbox of immunoprecipitation-grade monoclonal antibodies to human transcription factors. <i>Nature Methods</i> , 2018, 15, 330-338.	9.0	58
15	Gene regulatory networks controlling temporal patterning, neurogenesis, and cell-fate specification in mammalian retina. <i>Cell Reports</i> , 2021, 37, 109994.	2.9	52
16	ASCOT identifies key regulators of neuronal subtype-specific splicing. <i>Nature Communications</i> , 2020, 11, 137.	5.8	50
17	Understanding the Role of lncRNAs in Nervous System Development. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1008, 253-282.	0.8	42
18	Atoh7-independent specification of retinal ganglion cell identity. <i>Science Advances</i> , 2021, 7, .	4.7	41

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19	Integrin $\alpha 5$ /fibronectin1 and focal adhesion kinase are required for lens fiber morphogenesis in zebrafish. <i>Molecular Biology of the Cell</i> , 2012, 23, 4725-4738.	0.9	36
20	Multiple intrinsic factors act in concert with Lhx2 to direct retinal gliogenesis. <i>Scientific Reports</i> , 2016, 6, 32757.	1.6	32
21	Ldb1 and Rnf12-dependent regulation of Lhx2 controls the relative balance between neurogenesis and gliogenesis in retina. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	25
22	A Casz1- ν RD complex regulates temporal identity transitions in neural progenitors. <i>Scientific Reports</i> , 2021, 11, 3858.	1.6	18
23	A single-cell guide to retinal development: Cell fate decisions of multipotent retinal progenitors in scRNA-seq. <i>Developmental Biology</i> , 2021, 478, 41-58.	0.9	17
24	Control of lens development by Lhx2-regulated neuroretinal FGFs. <i>Development (Cambridge)</i> , 2016, 143, 3994-4002.	1.2	16
25	Balanced Shh signaling is required for proper formation and maintenance of dorsal telencephalic midline structures. <i>BMC Developmental Biology</i> , 2010, 10, 118.	2.1	14
26	SHH E176/E177-Zn ²⁺ conformation is required for signaling at endogenous sites. <i>Developmental Biology</i> , 2017, 424, 221-235.	0.9	10
27	Zeb2 regulates the balance between retinal interneurons and Müller glia by inhibition of BMP-Smad signaling. <i>Developmental Biology</i> , 2020, 468, 80-92.	0.9	5