

Bennett G Novitch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3686791/publications.pdf>

Version: 2024-02-01

48
papers

6,903
citations

117625

34
h-index

197818

49
g-index

53
all docs

53
docs citations

53
times ranked

9144
citing authors

#	ARTICLE	IF	CITATIONS
1	Intramuscular delivery of neural crest stem cell spheroids enhances neuromuscular regeneration after denervation injury. <i>Stem Cell Research and Therapy</i> , 2022, 13, 205.	5.5	8
2	Derivation of dorsal spinal sensory interneurons from human pluripotent stem cells. <i>STAR Protocols</i> , 2021, 2, 100319.	1.2	3
3	Identification of neural oscillations and epileptiform changes in human brain organoids. <i>Nature Neuroscience</i> , 2021, 24, 1488-1500.	14.8	112
4	Defining the nature of human pluripotent stem cell-derived interneurons via single-cell analysis. <i>Stem Cell Reports</i> , 2021, 16, 2548-2564.	4.8	5
5	Restoration of the defect in radial glial fiber migration and cortical plate organization in a brain organoid model of Fukuyama muscular dystrophy. <i>IScience</i> , 2021, 24, 103140.	4.1	5
6	Foxp1 Regulates Neural Stem Cell Self-Renewal and Bias Toward Deep Layer Cortical Fates. <i>Cell Reports</i> , 2020, 30, 1964-1981.e3.	6.4	32
7	New perspectives on the mechanisms establishing the dorsal-ventral axis of the spinal cord. <i>Current Topics in Developmental Biology</i> , 2019, 132, 417-450.	2.2	46
8	Molecular specification of facial branchial motor neurons in vertebrates. <i>Developmental Biology</i> , 2018, 436, 5-13.	2.0	8
9	Olig2 and Hes regulatory dynamics during motor neuron differentiation revealed by single cell transcriptomics. <i>PLoS Biology</i> , 2018, 16, e2003127.	5.6	77
10	Cbx3 maintains lineage specificity during neural differentiation. <i>Genes and Development</i> , 2017, 31, 241-246.	5.9	34
11	Netrin1 Produced by Neural Progenitors, Not Floor Plate Cells, Is Required for Axon Guidance in the Spinal Cord. <i>Neuron</i> , 2017, 94, 790-799.e3.	8.1	146
12	25-Hydroxycholesterol Protects Host against Zika Virus Infection and Its Associated Microcephaly in a Mouse Model. <i>Immunity</i> , 2017, 46, 446-456.	14.3	276
13	Self-Organized Cerebral Organoids with Human-Specific Features Predict Effective Drugs to Combat Zika Virus Infection. <i>Cell Reports</i> , 2017, 21, 517-532.	6.4	305
14	Atomic structure of a toxic, oligomeric segment of SOD1 linked to amyotrophic lateral sclerosis (ALS). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8770-8775.	7.1	104
15	Notch Activity Modulates the Responsiveness of Neural Progenitors to Sonic Hedgehog Signaling. <i>Developmental Cell</i> , 2015, 33, 373-387.	7.0	117
16	Foxp1-mediated programming of limb-innervating motor neurons from mouse and human embryonic stem cells. <i>Nature Communications</i> , 2015, 6, 6778.	12.8	46
17	The splicing regulator PTBP1 controls the activity of the transcription factor Pbx1 during neuronal differentiation. <i>ELife</i> , 2015, 4, e09268.	6.0	108
18	Neuronal Organization: Unsticking the Cadherin Code. <i>Current Biology</i> , 2014, 24, R1127-R1129.	3.9	3

#	ARTICLE	IF	CITATIONS
19	Gli Protein Activity Is Controlled by Multisite Phosphorylation in Vertebrate Hedgehog Signaling. <i>Cell Reports</i> , 2014, 6, 168-181.	6.4	200
20	<i>Hox5</i> interacts with <i>Plzf</i> to restrict <i>Shh</i> expression in the developing forelimb. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19438-19443.	7.1	43
21	Retinoid Acid Specifies Neuronal Identity through Graded Expression of <i>Ascl1</i> . <i>Current Biology</i> , 2013, 23, 412-418.	3.9	24
22	My Brain Told Me to Do It. <i>Developmental Cell</i> , 2013, 25, 436-438.	7.0	2
23	PLZF Regulates Fibroblast Growth Factor Responsiveness and Maintenance of Neural Progenitors. <i>PLoS Biology</i> , 2013, 11, e1001676.	5.6	59
24	Onecut transcription factors act upstream of <i>Isl1</i> to regulate spinal motoneuron diversification. <i>Development (Cambridge)</i> , 2012, 139, 3109-3119.	2.5	68
25	ERK Inhibition Rescues Defects in Fate Specification of <i>Nf1</i> -Deficient Neural Progenitors and Brain Abnormalities. <i>Cell</i> , 2012, 150, 816-830.	28.9	124
26	<i>Sox9</i> and <i>NFIA</i> Coordinate a Transcriptional Regulatory Cascade during the Initiation of Gliogenesis. <i>Neuron</i> , 2012, 74, 79-94.	8.1	287
27	<i>Foxp</i> -Mediated Suppression of N-Cadherin Regulates Neuroepithelial Character and Progenitor Maintenance in the CNS. <i>Neuron</i> , 2012, 74, 314-330.	8.1	157
28	Functional Neuromuscular Junctions Formed by Embryonic Stem Cell-Derived Motor Neurons. <i>PLoS ONE</i> , 2012, 7, e36049.	2.5	72
29	All the Embryo's a Stage, and <i>Olig2</i> in Its Time Plays Many Parts. <i>Neuron</i> , 2011, 69, 833-835.	8.1	24
30	<i>Npn-1</i> Contributes to Axon-Axon Interactions That Differentially Control Sensory and Motor Innervation of the Limb. <i>PLoS Biology</i> , 2011, 9, e1001020.	5.6	54
31	Regulation of spinal interneuron development by the Olig-related protein <i>Bhlhb5</i> and Notch signaling. <i>Development (Cambridge)</i> , 2011, 138, 3199-3211.	2.5	57
32	Dynamic Assignment and Maintenance of Positional Identity in the Ventral Neural Tube by the Morphogen Sonic Hedgehog. <i>PLoS Biology</i> , 2010, 8, e1000382.	5.6	184
33	<i>Foxp1</i> and <i>Lhx1</i> Coordinate Motor Neuron Migration with Axon Trajectory Choice by Gating Reelin Signalling. <i>PLoS Biology</i> , 2010, 8, e1000446.	5.6	80
34	Sonic Hedgehog Signaling Controls Thalamic Progenitor Identity and Nuclei Specification in Mice. <i>Journal of Neuroscience</i> , 2009, 29, 4484-4497.	3.6	120
35	Directed Differentiation of Human-Induced Pluripotent Stem Cells Generates Active Motor Neurons. <i>Stem Cells</i> , 2009, 27, 806-811.	3.2	331
36	Reducing the Mystery of Neuronal Differentiation. <i>Cell</i> , 2009, 138, 1062-1064.	28.9	6

#	ARTICLE	IF	CITATIONS
37	Coordinated Actions of the Forkhead Protein Foxp1 and Hox Proteins in the Columnar Organization of Spinal Motor Neurons. <i>Neuron</i> , 2008, 59, 226-240.	8.1	220
38	Coordinated Actions of the Forkhead Protein Foxp1 and Hox Proteins in the Columnar Organization of Spinal Motor Neurons. <i>Neuron</i> , 2008, 59, 674-675.	8.1	1
39	Regulatory pathways linking progenitor patterning, cell fates and neurogenesis in the ventral neural tube. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 57-70.	4.0	132
40	Interpretation of the sonic hedgehog morphogen gradient by a temporal adaptation mechanism. <i>Nature</i> , 2007, 450, 717-720.	27.8	539
41	Olig2+ neuroepithelial motoneuron progenitors are not multipotent stem cells in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 1551-1556.	7.1	52
42	Olig2 Directs Astrocyte and Oligodendrocyte Formation in Postnatal Subventricular Zone Cells. <i>Journal of Neuroscience</i> , 2005, 25, 7289-7298.	3.6	221
43	Vertebrate neurogenesis is counteracted by Sox1 ³ activity. <i>Nature Neuroscience</i> , 2003, 6, 1162-1168.	14.8	708
44	A Requirement for Retinoic Acid-Mediated Transcriptional Activation in Ventral Neural Patterning and Motor Neuron Specification. <i>Neuron</i> , 2003, 40, 81-95.	8.1	290
45	Coordinate Regulation of Motor Neuron Subtype Identity and Pan-Neuronal Properties by the bHLH Repressor Olig2. <i>Neuron</i> , 2001, 31, 773-789.	8.1	563
46	pRb is required for MEF2-dependent gene expression as well as cell-cycle arrest during skeletal muscle differentiation. <i>Current Biology</i> , 1999, 9, 449-459.	3.9	212
47	Skeletal muscle cells lacking the retinoblastoma protein display defects in muscle gene expression and accumulate in S and G2 phases of the cell cycle.. <i>Journal of Cell Biology</i> , 1996, 135, 441-456.	5.2	302
48	Regulatory mechanisms that coordinate skeletal muscle differentiation and cell cycle withdrawal. <i>Current Opinion in Cell Biology</i> , 1994, 6, 788-794.	5.4	317