Carlos Parras

List of Publications by Year
in descending order

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25 papers	3,703 citations	331670 21 h-index	580821 25 g-index
30 all docs	30 docs citations	30 times ranked	4881 citing authors

#	Article	IF	Citations
1	A novel function of the proneural factor Ascl1 in progenitor proliferation identified by genome-wide characterization of its targets. Genes and Development, 2011, 25, 930-945.	5.9	368
2	Mash1 specifies neurons and oligodendrocytes in the postnatal brain. EMBO Journal, 2004, 23, 4495-4505.	7.8	341
3	Divergent functions of the proneural genes Mash1 and Ngn2 in the specification of neuronal subtype identity. Genes and Development, 2002, 16, 324-338.	5.9	338
4	Adult generation of glutamatergic olfactory bulb interneurons. Nature Neuroscience, 2009, 12, 1524-1533.	14.8	325
5	Phosphorylation of Neurogenin2 Specifies the Migration Properties and the Dendritic Morphology of Pyramidal Neurons in the Neocortex. Neuron, 2005, 48, 45-62.	8.1	322
6	p27^{kip1} independently promotes neuronal differentiation and migration in the cerebral cortex. Genes and Development, 2006, 20, 1511-1524.	5.9	320
7	Proneural bHLH and Brn Proteins Coregulate a Neurogenic Program through Cooperative Binding to a Conserved DNA Motif. Developmental Cell, 2006, 11, 831-844.	7.0	267
8	Proneural Transcription Factors Regulate Different Steps of Cortical Neuron Migration through Rnd-Mediated Inhibition of RhoA Signaling. Neuron, 2011, 69, 1069-1084.	8.1	196
9	The Proneural Gene Mash1 Specifies an Early Population of Telencephalic Oligodendrocytes. Journal of Neuroscience, 2007, 27, 4233-4242.	3.6	179
10	Chd7 cooperates with Sox10 and regulates the onset of CNS myelination and remyelination. Nature Neuroscience, 2016, 19, 678-689.	14.8	142
11	Transient Neuronal Populations Are Required to Guide Callosal Axons: A Role for Semaphorin 3C. PLoS Biology, 2009, 7, e1000230.	5.6	141
12	Ascl1/Mash1 Promotes Brain Oligodendrogenesis during Myelination and Remyelination. Journal of Neuroscience, 2013, 33, 9752-9768.	3.6	116
13	Dual Requirement of CHD8 for Chromatin Landscape Establishment and Histone Methyltransferase Recruitment to Promote CNS Myelination and Repair. Developmental Cell, 2018, 45, 753-768.e8.	7.0	112
14	Origins and control of the differentiation of inhibitory interneurons and glia in the cerebellum. Developmental Biology, 2009, 328, 422-433.	2.0	101
15	Vascular Endothelial Growth Factor Receptor 3 Controls Neural Stem Cell Activation in Mice and Humans. Cell Reports, 2015, 10, 1158-1172.	6.4	84
16	Oligodendrocyte precursor survival and differentiation requires chromatin remodeling by Chd7 and Chd8. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8246-E8255.	7.1	81
17	Proliferating neuronal progenitors in the postnatal hippocampus transiently express the proneural gene Ngn2. European Journal of Neuroscience, 2007, 25, 2591-2603.	2.6	67
18	Ectopic Meis1 expression in the mouse limb bud alters P-D patterning in a Pbx1-independent manner. International Journal of Developmental Biology, 2009, 53, 1483-1494.	0.6	49

#	Article	IF	Citations
19	Prokineticin receptor 2 expression identifies migrating neuroblasts and their subventricular zone transientâ€amplifying progenitors in adult mice. Journal of Comparative Neurology, 2009, 512, 232-242.	1.6	41
20	Opposing Roles forHoxa2andHoxb2in Hindbrain Oligodendrocyte Patterning. Journal of Neuroscience, 2012, 32, 17172-17185.	3.6	34
21	Peripheral Nervous System Progenitors Can Be Reprogrammed to Produce Myelinating Oligodendrocytes and Repair Brain Lesions. Journal of Neuroscience, 2011, 31, 6379-6391.	3.6	21
22	Vsx1 Transiently Defines an Early Intermediate V2 Interneuron Precursor Compartment in the Mouse Developing Spinal Cord. Frontiers in Molecular Neuroscience, 2016, 9, 145.	2.9	20
23	Chromatin remodelers in oligodendroglia. Glia, 2020, 68, 1604-1618.	4.9	15
24	Adult neurogenesis: a tale of two precursors. Nature Neuroscience, 2005, 8, 846-848.	14.8	9
25	Organelle and Cellular Abnormalities Associated with Hippocampal Heterotopia in Neonatal Doublecortin Knockout Mice. PLoS ONE, 2013, 8, e72622.	2.5	9