Dennis Dm O'leary

List of Publications by Year
in descending order

41
papers

8,507
citations

94433

37
h-index

276875

41
g-index

41
all docs

41
docs citations

41
times ranked

5870
citing authors

#	Article	IF	Citations
1	Multiple EphB receptors mediate dorsalâ€"ventral retinotopic mapping via similar bi-functional responses to ephrin-B1. Molecular and Cellular Neurosciences, 2014, 63, 24-30.	2.2	9
2	Fgf10 Regulates Transition Period of Cortical Stem Cell Differentiation to Radial Glia Controlling Generation of Neurons and Basal Progenitors. Neuron, 2009, 63, 48-62.	8.1	167
3	Genetic regulation of arealization of the neocortex. Current Opinion in Neurobiology, 2008, 18, 90-100.	4.2	208
4	p75NTR Mediates Ephrin-A Reverse Signaling Required for Axon Repulsion and Mapping. Neuron, 2008, 59, 746-758.	8.1	183
5	Novel IgCAM, MDGA1, Expressed in Unique Cortical Area- and Layer-Specific Patterns and Transiently by Distinct Forebrain Populations of Cajal-Retzius Neurons. Cerebral Cortex, 2007, 17, 1531-1541.	2.9	38
6	Area Patterning of the Mammalian Cortex. Neuron, 2007, 56, 252-269.	8.1	490
7	Sp8 exhibits reciprocal induction with Fgf8 but has an opposing effect on anterior-posterior cortical area patterning. Neural Development, 2007, 2, 10.	2.4	115
8	Potential target genes of EMX2 include Odz/Ten-M and other gene families with implications for cortical patterning. Molecular and Cellular Neurosciences, 2006, 33, 136-149.	2.2	57
9	Wlds Protection Distinguishes Axon Degeneration following Injury from Naturally Occurring Developmental Pruning. Neuron, 2006, 50, 883-895.	8.1	254
10	Cortical Ventricular Zone Progenitors and Their Progeny Maintain Spatial Relationships and Radial Patterning during Preplate Development Indicating an Early Protomap. Cerebral Cortex, 2006, 16, i46-i56.	2.9	35
11	Mechanisms of retinotopic map development: Ephs, ephrins, and spontaneous correlated retinal activity. Progress in Brain Research, 2005, 147, 43-65.	1.4	90
12	AXON RETRACTION AND DEGENERATION IN DEVELOPMENT AND DISEASE. Annual Review of Neuroscience, 2005, 28, 127-156.	10.7	735
13	MOLECULAR GRADIENTS AND DEVELOPMENT OF RETINOTOPIC MAPS. Annual Review of Neuroscience, 2005, 28, 327-355.	10.7	397
14	Computational modeling of retinotopic map development to define contributions of EphA-ephrinA gradients, axon-axon interactions, and patterned activity. Journal of Neurobiology, 2004, 59, 95-113.	3.6	72
15	Magnitude of Binocular Vision Controlled by Islet-2 Repression of a Genetic Program that Specifies Laterality of Retinal Axon Pathfinding. Cell, 2004, 119, 567-578.	28.9	152
16	EMX2 Regulates Sizes and Positioning of the Primary Sensory and Motor Areas in Neocortex by Direct Specification of Cortical Progenitors. Neuron, 2004, 43, 359-372.	8.1	211
17	Identification and characterization of two novel brain-derived immunoglobulin superfamily members with a unique structural organization. Molecular and Cellular Neurosciences, 2004, 25, 263-274.	2.2	68
18	Emx1 andEmx2 cooperate to regulate cortical size, lamination, neuronal differentiation, development of cortical efferents, and thalamocortical pathfinding. Journal of Comparative Neurology, 2003, 457, 345-360.	1.6	159

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19	Retinotopic Map Refinement Requires Spontaneous Retinal Waves during a Brief Critical Period of Development. Neuron, 2003, 40, 1147-1160.	8.1	380
20	EphB Forward Signaling Controls Directional Branch Extension and Arborization Required for Dorsal-Ventral Retinotopic Mapping. Neuron, 2002, 35, 475-487.	8.1	281
21	Patterning centers, regulatory genes and extrinsic mechanisms controlling arealization of the neocortex. Current Opinion in Neurobiology, 2002, 12, 14-25.	4.2	267
22	A POU Domain Transcription Factorâ€"Dependent Program Regulates Axon Pathfinding in the Vertebrate Visual System. Neuron, 2000, 28, 779-792.	8.1	150
23	Topographic Mapping from the Retina to the Midbrain Is Controlled by Relative but Not Absolute Levels of EphA Receptor Signaling. Cell, 2000, 102, 77-88.	28.9	338
24	Eph receptors and ephrins in neural development. Current Opinion in Neurobiology, 1999, 9, 65-73.	4.2	312
25	Extension of Long Leading Processes and Neuronal Migration in the Mammalian Brain Directed by the Chemoattractant Netrin-1. Neuron, 1999, 24, 607-622.	8.1	244
26	Thalamocortical Axons Are Influenced by Chemorepellent and Chemoattractant Activities Localized to Decision Points along Their Path. Developmental Biology, 1999, 208, 430-440.	2.0	100
27	Ephrin-A5 (AL-1/RAGS) Is Essential for Proper Retinal Axon Guidance and Topographic Mapping in the Mammalian Visual System. Neuron, 1998, 20, 235-243.	8.1	428
28	Graded and Lamina-Specific Distributions of Ligands of EphB Receptor Tyrosine Kinases in the Developing Retinotectal System. Developmental Biology, 1997, 191, 14-28.	2.0	141
29	Topographically Specific Effects of ELF-1 on Retinal Axon Guidance In Vitro and Retinal Axon Mapping In Vivo. Cell, 1996, 86, 755-766.	28.9	424
30	Eph receptor tyrosine kinases and their ligands in neural development. Current Opinion in Neurobiology, 1996, 6, 127-133.	4.2	126
31	Plasticity in the Development of Topographic Order in the Mammalian Retinocollicular Projection. Developmental Biology, 1994, 162, 384-393.	2.0	48
32	Development, critical period plasticity, and adult reorganizations of mammalian somatosensory systems. Current Opinion in Neurobiology, 1994, 4, 535-544.	4.2	161
33	Development of projection neuron types, axon pathways, and patterned connections of the mammalian cortex. Neuron, 1993, 10, 991-1006.	8.1	347
34	Development of connectional diversity and specificity in the mammalian brain by the pruning of collateral projections. Current Opinion in Neurobiology, 1992, 2, 70-77.	4.2	160
35	Responses of retinal axons in vivo and in vitro to position-encoding molecules in the embryonic superior colliculus. Neuron, 1992, 9, 977-989.	8.1	99
36	Influence of position along the medial-lateral axis of the superior colliculus on the topographic targeting and survival of retinal axons. Developmental Brain Research, 1992, 69, 167-172.	1.7	42

#	Article	IF	Citations
37	The specification of sensory cortex: Lessons from cortical transplantation. Experimental Neurology, 1992, 115, 121-126.	4.1	37
38	Do cortical areas emerge from a protocortex?. Trends in Neurosciences, 1989, 12, 400-406.	8.6	464
39	Cortical axons branch to multiple subcortical targets by interstitial axon budding: Implications for target recognition and â€œwaiting periodsâ€. Neuron, 1988, 1, 901-910.	8.1	302
40	A transient pyramidal tract projection from the visual cortex in the hamster and its removal by selective collateral elimination. Developmental Brain Research, 1986, 27, 87-99.	1.7	108
41	Occipital cortical neurons with transient pyramidal tract axons extend and maintain collaterals to subcortical but not intracortical targets. Brain Research, 1985, 336, 326-333.	2.2	108