

William D Andrews

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,392
citations

186265
28
h-index

302126
39
g-index

40
all docs

40
docs citations

40
times ranked

3420
citing authors

#	ARTICLE	IF	CITATIONS
1	Robo1 regulates the development of major axon tracts and interneuron migration in the forebrain. <i>Development (Cambridge)</i> , 2006, 133, 2243-2252.	2.5	234
2	Disruption of ROBO2 Is Associated with Urinary Tract Anomalies and Confers Risk of Vesicoureteral Reflux. <i>American Journal of Human Genetics</i> , 2007, 80, 616-632.	6.2	189
3	The role of Slit-Robo signaling in the generation, migration and morphological differentiation of cortical interneurons. <i>Developmental Biology</i> , 2008, 313, 648-658.	2.0	127
4	Tbx1 controls cardiac neural crest cell migration during arch artery development by regulating <i>Gbx2</i> expression in the pharyngeal ectoderm. <i>Development (Cambridge)</i> , 2009, 136, 3173-3183.	2.5	124
5	Boundary cap cells constrain spinal motor neuron somal migration at motor exit points by a semaphorin-plexin mechanism. <i>Neural Development</i> , 2007, 2, 21.	2.4	110
6	Requirement for Slit-1 and Robo-2 in Zonal Segregation of Olfactory Sensory Neuron Axons in the Main Olfactory Bulb. <i>Journal of Neuroscience</i> , 2007, 27, 9094-9104.	3.6	105
7	Molecular design of hypothalamus development. <i>Nature</i> , 2020, 582, 246-252.	27.8	105
8	Extracellular Ig domains 1 and 2 of Robo are important for ligand (Slit) binding. <i>Molecular and Cellular Neurosciences</i> , 2004, 26, 232-240.	2.2	102
9	Robo1 Regulates Semaphorin Signaling to Guide the Migration of Cortical Interneurons through the Ventral Forebrain. <i>Journal of Neuroscience</i> , 2011, 31, 6174-6187.	3.6	92
10	Neuropilins and Their Ligands Are Important in the Migration of Gonadotropin-Releasing Hormone Neurons. <i>Journal of Neuroscience</i> , 2007, 27, 2387-2395.	3.6	78
11	<i>Trem2</i> promotes anti-inflammatory responses in microglia and is suppressed under pro-inflammatory conditions. <i>Human Molecular Genetics</i> , 2020, 29, 3224-3248.	2.9	76
12	Slit-mediated repulsion is a key regulator of motor axon pathfinding in the hindbrain. <i>Development (Cambridge)</i> , 2005, 132, 4483-4495.	2.5	73
13	Slit?Robo interactions during cortical development. <i>Journal of Anatomy</i> , 2007, 211, 188-198.	1.5	72
14	Endocannabinoids modulate cortical development by configuring Slit2/Robo1 signalling. <i>Nature Communications</i> , 2014, 5, 4421.	12.8	70
15	Neurons on the Move: Migration and Lamination of Cortical Interneurons. <i>NeuroSignals</i> , 2012, 20, 168-189.	0.9	67
16	Disrupted Slit-Robo signalling results in membranous ventricular septum defects and bicuspid aortic valves. <i>Cardiovascular Research</i> , 2015, 106, 55-66.	3.8	56
17	Evidence for the existence of two Robo3 isoforms with divergent biochemical properties. <i>Molecular and Cellular Neurosciences</i> , 2005, 30, 485-493.	2.2	53
18	Robo family of proteins exhibit differential expression in mouse spinal cord and Robo-Slit interaction is required for midline crossing in vertebrate spinal cord. <i>Developmental Dynamics</i> , 2005, 233, 41-51.	1.8	51

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19	Slitâ€“Roundabout Signaling Regulates the Development of the Cardiac Systemic Venous Return and Pericardium. <i>Circulation Research</i> , 2013, 112, 465-475.	4.5	42
20	Dynamic expression patterns of Robo (Robo1 and Robo2) in the developing murine central nervous system. <i>Journal of Comparative Neurology</i> , 2004, 468, 467-481.	1.6	41
21	Robo-2 Controls the Segregation of a Portion of Basal Vomeronasal Sensory Neuron Axons to the Posterior Region of the Accessory Olfactory Bulb. <i>Journal of Neuroscience</i> , 2009, 29, 14211-14222.	3.6	41
22	Differential gene expression in migratory streams of cortical interneurons. <i>European Journal of Neuroscience</i> , 2011, 34, 1584-1594.	2.6	41
23	Robo1 Modulates Proliferation and Neurogenesis in the Developing Neocortex. <i>Journal of Neuroscience</i> , 2014, 34, 5717-5731.	3.6	41
24	On the topographic targeting of basal vomeronasal axons through Slit-mediated chemorepulsion. <i>Development (Cambridge)</i> , 2003, 130, 5073-5082.	2.5	40
25	Robos are required for the correct targeting of retinal ganglion cell axons in the visual pathway of the brain. <i>Molecular and Cellular Neurosciences</i> , 2008, 37, 719-730.	2.2	37
26	Differential gene expression in migrating cortical interneurons during mouse forebrain development. <i>Journal of Comparative Neurology</i> , 2010, 518, 1232-1248.	1.6	36
27	Robo1 Regulates the Migration and Laminar Distribution of Upper-Layer Pyramidal Neurons of the Cerebral Cortex. <i>Cerebral Cortex</i> , 2013, 23, 1495-1508.	2.9	35
28	The Role of Robo3 in the Development of Cortical Interneurons. <i>Cerebral Cortex</i> , 2009, 19, i22-i31.	2.9	32
29	Robo2 is required for Slit-mediated intraretinal axon guidance. <i>Developmental Biology</i> , 2009, 335, 418-426.	2.0	30
30	Control of human hematopoietic stem/progenitor cell migration by the extracellular matrix protein Slit3. <i>Laboratory Investigation</i> , 2012, 92, 1129-1139.	3.7	30
31	Slit2 and Robo3 modulate the migration of GnRH-secreting neurons. <i>Development (Cambridge)</i> , 2012, 139, 3326-3331.	2.5	27
32	Vascular-Derived Vegfa Promotes Cortical Interneuron Migration and Proximity to the Vasculature in the Developing Forebrain. <i>Cerebral Cortex</i> , 2018, 28, 2577-2593.	2.9	27
33	Semaphorin3Aâ€“neuropilin 1 signalling is involved in the generation of cortical interneurons. <i>Brain Structure and Function</i> , 2017, 222, 2217-2233.	2.3	24
34	Constitutive activation of the PI3K-Akt-mTORC1 pathway sustains the m.3243â€“Aâ€“>â€“G mtDNA mutation. <i>Nature Communications</i> , 2021, 12, 6409.	12.8	19
35	Limk2 mediates semaphorin signalling in cortical interneurons migrating through the subpallium. <i>Biology Open</i> , 2013, 2, 277-282.	1.2	17
36	Altered proliferative ability of neuronal progenitors in PlexinA1 mutant mice. <i>Journal of Comparative Neurology</i> , 2016, 524, 518-534.	1.6	17

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37	Protective role of Cadherin 13 in interneuron development. <i>Brain Structure and Function</i> , 2017, 222, 3567-3585.	2.3	14
38	Cadherin 8 regulates proliferation of cortical interneuron progenitors. <i>Brain Structure and Function</i> , 2019, 224, 277-292.	2.3	10
39	A multicentre validation of Metasin: a molecular assay for the intraoperative assessment of sentinel lymph nodes from breast cancer patients. <i>Histopathology</i> , 2016, 68, 875-887.	2.9	7
40	Noradrenergic receptor activation alters the migration and distribution of interneurons in the developing neocortex (Commentary on <i>iccio et al.</i>). <i>European Journal of Neuroscience</i> , 2012, 36, 2877-2878.	2.6	0