

# Noelle D Dwyer

## List of Publications by Year in descending order

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23  
papers

2,036  
citations

567281

15  
h-index

642732

23  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2361  
citing authors

#	ARTICLE	IF	CITATIONS
1	Divergent seven transmembrane receptors are candidate chemosensory receptors in <i>C. elegans</i> . <i>Cell</i> , 1995, 83, 207-218.	28.9	656
2	Role of a Class Dhc1b Dynein in Retrograde Transport of Ift Motors and Ift Raft Particles along Cilia, but Not Dendrites, in Chemosensory Neurons of Living <i>Caenorhabditis elegans</i> . <i>Journal of Cell Biology</i> , 1999, 147, 519-530.	5.2	276
3	Odorant Receptor Localization to Olfactory Cilia Is Mediated by ODR-4, a Novel Membrane-Associated Protein. <i>Cell</i> , 1998, 93, 455-466.	28.9	230
4	Polarized Dendritic Transport and the AP-1 $\hat{1}/4$ 1 Clathrin Adaptor UNC-101 Localize Odorant Receptors to Olfactory Cilia. <i>Neuron</i> , 2001, 31, 277-287.	8.1	148
5	Lethal Skeletal Dysplasia in Mice and Humans Lacking the Golgin GMAP-210. <i>New England Journal of Medicine</i> , 2010, 362, 206-216.	27.0	122
6	Differential Expression of <i>COUP-TFI</i> , <i>CHL1</i> , and Two Novel Genes in Developing Neocortex Identified by Differential Display PCR. <i>Journal of Neuroscience</i> , 2000, 20, 7682-7690.	3.6	105
7	Utilization of a whole genome SNP panel for efficient genetic mapping in the mouse. <i>Genome Research</i> , 2006, 16, 436-440.	5.5	89
8	Neural Stem Cells to Cerebral Cortex: Emerging Mechanisms Regulating Progenitor Behavior and Productivity. <i>Journal of Neuroscience</i> , 2016, 36, 11394-11401.	3.6	67
9	The vertebrate-specific Kinesin-6, Kif20b, is required for normal cytokinesis of polarized cortical stem cells and cerebral cortex size. <i>Development (Cambridge)</i> , 2013, 140, 4672-4682.	2.5	44
10	A forward genetic screen with a thalamocortical axon reporter mouse yields novel neurodevelopment mutants and a distinct <i>emx2</i> mutant phenotype. <i>Neural Development</i> , 2011, 6, 3.	2.4	40
11	Context-dependent reversal of odorant preference is driven by inversion of the response in a single sensory neuron type. <i>PLoS Biology</i> , 2022, 20, e3001677.	5.6	37
12	Mutation of Kinesin-6 Kif20b causes defects in cortical neuron polarization and morphogenesis. <i>Neural Development</i> , 2017, 12, 5.	2.4	35
13	Kinesin-6 KIF20B is required for efficient cytokinetic furrowing and timely abscission in human cells. <i>Molecular Biology of the Cell</i> , 2018, 29, 166-179.	2.1	35
14	<i>p53</i> deletion rescues lethal microcephaly in a mouse model with neural stem cell abscission defects. <i>Human Molecular Genetics</i> , 2019, 28, 434-447.	2.9	34
15	<i>Tbr1</i> Conducts the Orchestration of Early Cortical Development. <i>Neuron</i> , 2001, 29, 309-311.	8.1	21
16	Loss of Coiled-Coil Protein <i>Cep55</i> Impairs Neural Stem Cell Abscission and Results in <i>p53</i> -Dependent Apoptosis in Developing Cortex. <i>Journal of Neuroscience</i> , 2021, 41, 3344-3365.	3.6	19
17	Mutation of the <i>BiP/GRP78</i> gene causes axon outgrowth and fasciculation defects in the thalamocortical connections of the mammalian forebrain. <i>Journal of Comparative Neurology</i> , 2013, 521, 677-696.	1.6	17
18	The related neuronal endosomal proteins <i>NEEP21 (Nsg1)</i> and <i>P19 (Nsg2)</i> have divergent expression profiles in vivo. <i>Journal of Comparative Neurology</i> , 2017, 525, 1861-1878.	1.6	14

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19	Cytokinesis and postabscission midbody remnants are regulated during mammalian brain development. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9584-9593.	7.1	14
20	Imaging and quantitative analysis of cytokinesis in developing brains of Kinesin-6 mutant mice. Methods in Cell Biology, 2016, 131, 233-252.	1.1	11
21	Cytokinetic Abscission Regulation in Neural Stem Cells and Tissue Development. Current Stem Cell Reports, 2021, 7, 161-173.	1.6	9
22	Cep55: abscission boss or assistant?. Trends in Cell Biology, 2021, 31, 789-791.	7.9	6
23	TGF- $\beta$ 2 Receptors Participate in Axon Formation. Cell, 2010, 142, 21-23.	28.9	3