

# Ann M Turnley

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6435230/publications.pdf>

Version: 2024-02-01

81  
papers

4,574  
citations

87888

38  
h-index

102487

66  
g-index

82  
all docs

82  
docs citations

82  
times ranked

6244  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tropomyosin-Related Kinase B (TrkB) Regulates Neurite Outgrowth via a Novel Interaction with Suppressor of Cytokine Signalling 2 (SOCS2). <i>Molecular Neurobiology</i> , 2019, 56, 1262-1275.	4.0	5
2	Intrauterine Growth Restriction Affects Cerebellar Granule Cells in the Developing Guinea Pig Brain. <i>Developmental Neuroscience</i> , 2018, 40, 162-174.	2.0	16
3	Dual-modality NIRF-MRI cubosomes and hexosomes: High throughput formulation and in vivo biodistribution. <i>Materials Science and Engineering C</i> , 2017, 71, 584-593.	7.3	66
4	Suppressor of Cytokine Signalling 2 (SOCS2) Regulates Numbers of Mature Newborn Adult Hippocampal Neurons and Their Dendritic Spine Maturation. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 899-909.	3.3	4
5	Explant Methodology for Analyzing Neuroblast Migration. <i>Bio-protocol</i> , 2017, 7, .	0.4	3
6	EphrinB3 restricts endogenous neural stem cell migration after traumatic brain injury. <i>Stem Cell Research</i> , 2016, 17, 504-513.	0.7	10
7	Optimizing growth and post treatment of diamond for high capacitance neural interfaces. <i>Biomaterials</i> , 2016, 104, 32-42.	11.4	45
8	The influence of sterilization on nitrogen-included ultrananocrystalline diamond for biomedical applications. <i>Materials Science and Engineering C</i> , 2016, 61, 324-332.	7.3	23
9	Rho kinase inhibition following traumatic brain injury in mice promotes functional improvement and acute neuron survival but has little effect on neurogenesis, glial responses or neuroinflammation. <i>Experimental Neurology</i> , 2016, 279, 86-95.	4.1	19
10	Suppressor of Cytokine Signaling-2 (SOCS2) Regulates the Microglial Response and Improves Functional Outcome after Traumatic Brain Injury in Mice. <i>PLoS ONE</i> , 2016, 11, e0153418.	2.5	22
11	The suppressor of cytokine signalling 2 (SOCS2), traumatic brain injury and microglial/macrophage regulation. <i>Neural Regeneration Research</i> , 2016, 11, 1405.	3.0	3
12	Nanocarbon-Coated Porous Anodic Alumina for Bionic Devices. <i>Materials</i> , 2015, 8, 4992-5006.	2.9	11
13	Oligodendrocyte Birth and Death following Traumatic Brain Injury in Adult Mice. <i>PLoS ONE</i> , 2015, 10, e0121541.	2.5	59
14	Dopaminergic activity and behaviour in SOCS2 transgenic mice: Revealing a potential drug target for schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 56, 247-253.	4.8	1
15	Regulation of neurotrophin receptor (Trk) signaling: suppressor of cytokine signaling 2 (SOCS2) is a new player. <i>Frontiers in Molecular Neuroscience</i> , 2014, 7, 39.	2.9	50
16	A novel role of suppressor of cytokine signaling 2 in the regulation of TrkA neurotrophin receptor biology. <i>Journal of Neurochemistry</i> , 2014, 129, 614-627.	3.9	10
17	Fabrication of planarised conductively patterned diamond for bio-applications. <i>Materials Science and Engineering C</i> , 2014, 43, 135-144.	7.3	23
18	An all-diamond, hermetic electrical feedthrough array for a retinal prosthesis. <i>Biomaterials</i> , 2014, 35, 908-915.	11.4	89

#	ARTICLE	IF	CITATIONS
19	Is integration and survival of newborn neurons the bottleneck for effective neural repair by endogenous neural precursor cells?. <i>Frontiers in Neuroscience</i> , 2014, 8, 29.	2.8	21
20	Transcriptional Regulation and Specification of Neural Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , 2013, 786, 129-155.	1.6	25
21	EphA4 Receptor Tyrosine Kinase Is a Modulator of Onset and Disease Severity of Experimental Autoimmune Encephalomyelitis (EAE). <i>PLoS ONE</i> , 2013, 8, e55948.	2.5	25
22	Inflammatory Regulators of Redirected Neural Migration in the Injured Brain. <i>NeuroSignals</i> , 2012, 20, 132-146.	0.9	14
23	Editorial Note. <i>NeuroSignals</i> , 2012, 20, 131-131.	0.9	0
24	t-PA-specific modulation of a human blood-brain barrier model involves plasmin-mediated activation of the Rho kinase pathway in astrocytes. <i>Blood</i> , 2012, 119, 4752-4761.	1.4	93
25	EPHA4 is a disease modifier of amyotrophic lateral sclerosis in animal models and in humans. <i>Nature Medicine</i> , 2012, 18, 1418-1422.	30.7	269
26	Partial change in EphA4 knockout mouse phenotype: Loss of diminished GFAP upregulation following spinal cord injury. <i>Neuroscience Letters</i> , 2012, 525, 66-71.	2.1	19
27	Differential Gene Expression in the EphA4 Knockout Spinal Cord and Analysis of the Inflammatory Response Following Spinal Cord Injury. <i>PLoS ONE</i> , 2012, 7, e37635.	2.5	28
28	Regulation of endogenous neural stem/progenitor cells for neural repair factors that promote neurogenesis and gliogenesis in the normal and damaged brain. <i>Frontiers in Cellular Neuroscience</i> , 2012, 6, 70.	3.7	103
29	Regulation of adult neural precursor cell migration. <i>Neurochemistry International</i> , 2011, 59, 382-393.	3.8	28
30	The Rho Kinase Pathway Regulates Mouse Adult Neural Precursor Cell Migration. <i>Stem Cells</i> , 2011, 29, 332-343.	3.2	47
31	Scapinin-induced Inhibition of Axon Elongation Is Attenuated by Phosphorylation and Translocation to the Cytoplasm. <i>Journal of Biological Chemistry</i> , 2011, 286, 19724-19734.	3.4	22
32	Bioinformatic Prediction and Confirmation of Î²-Adducin as a Novel Substrate of Glycogen Synthase Kinase 3. <i>Journal of Biological Chemistry</i> , 2011, 286, 25274-25283.	3.4	22
33	EphA4 Blockers Promote Axonal Regeneration and Functional Recovery Following Spinal Cord Injury in Mice. <i>PLoS ONE</i> , 2011, 6, e24636.	2.5	118
34	Chemokines and Inflammatory Mediators Interact to Regulate Adult Murine Neural Precursor Cell Proliferation, Survival and Differentiation. <i>PLoS ONE</i> , 2011, 6, e25406.	2.5	63
35	LPA receptor expression in the central nervous system in health and following injury. <i>Cell and Tissue Research</i> , 2010, 341, 23-32.	2.9	39
36	Eph receptor tyrosine kinases regulate astrocyte cytoskeletal rearrangement and focal adhesion formation. <i>Journal of Neurochemistry</i> , 2010, 113, 881-894.	3.9	37

#	ARTICLE	IF	CITATIONS
37	Species Differences in Reactivity of Mouse and Rat Astrocytes in vitro. <i>NeuroSignals</i> , 2010, 18, 152-163.	0.9	17
38	Centre for Neuroscience: An Exploration of Signalling in Neural Development, Health and Disease. <i>NeuroSignals</i> , 2009, 17, 233-233.	0.9	0
39	Fibroblast growth factor $\beta$ 9 inhibits astrocyte differentiation of adult mouse neural progenitor cells. <i>Journal of Neuroscience Research</i> , 2009, 87, 2201-2210.	2.9	30
40	Growth hormone promotes proliferation of adult neurosphere cultures. <i>Growth Hormone and IGF Research</i> , 2009, 19, 212-218.	1.1	46
41	Cytokine-induced SOCS expression is inhibited by cAMP analogue: Impact on regeneration in injured retina. <i>Molecular and Cellular Neurosciences</i> , 2009, 41, 313-324.	2.2	87
42	Transgenic mice expressing the Peripherin-EGFP genomic reporter display intrinsic peripheral nervous system fluorescence. <i>Transgenic Research</i> , 2008, 17, 1103-1116.	2.4	17
43	Growth hormone signaling and hippocampal neurogenesis: Insights from genetic models. <i>Hippocampus</i> , 2008, 18, 1034-1050.	1.9	32
44	Lysophosphatidic Acid Inhibits Neuronal Differentiation of Neural Stem/Progenitor Cells Derived from Human Embryonic Stem Cells. <i>Stem Cells</i> , 2008, 26, 1146-1154.	3.2	66
45	c-Myb Is Required for Neural Progenitor Cell Proliferation and Maintenance of the Neural Stem Cell Niche in Adult Brain. <i>Stem Cells</i> , 2008, 26, 173-181.	3.2	83
46	Erythropoietin promotes axonal growth in a model of neuronal polarization. <i>Molecular and Cellular Neurosciences</i> , 2008, 38, 537-547.	2.2	28
47	Treadmill Training after Spinal Cord Hemisection in Mice Promotes Axonal Sprouting and Synapse Formation and Improves Motor Recovery. <i>Journal of Neurotrauma</i> , 2008, 25, 449-465.	3.4	114
48	Systemically delivered Erythropoietin transiently enhances adult hippocampal neurogenesis. <i>Journal of Neurochemistry</i> , 2007, 102, 1953-1965.	3.9	72
49	Phenoxodiol protects against Cisplatin induced neurite toxicity in a PC-12 cell model. <i>BMC Neuroscience</i> , 2007, 8, 61.	1.9	18
50	Functional dentate gyrus neurogenesis in a rapid kindling seizure model. <i>European Journal of Neuroscience</i> , 2006, 24, 3195-3203.	2.6	19
51	Differential effects of SOCS2 on neuronal differentiation and morphology. <i>Brain Research</i> , 2006, 1067, 138-145.	2.2	39
52	Roles of Eph receptors and ephrins in the normal and damaged adult CNS. <i>Brain Research Reviews</i> , 2006, 52, 327-345.	9.0	143
53	EphA4 regulates central nervous system vascular formation. <i>Journal of Comparative Neurology</i> , 2006, 497, 864-875.	1.6	38
54	Eph tyrosine kinase receptor EphA4 is required for the topographic mapping of the corticospinal tract. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15629-15634.	7.1	26

#	ARTICLE	IF	CITATIONS
55	Galanin in neuro(glio)genesis: expression of galanin and receptors by progenitor cells in vivo and in vitro and effects of galanin on neurosphere proliferation. <i>Neuropeptides</i> , 2005, 39, 201-205.	2.2	40
56	A brightness-area-product-based protocol for the quantitative assessment of antigen abundance in fluorescent immunohistochemistry. <i>Brain Research Protocols</i> , 2005, 15, 21-29.	1.6	14
57	Role of SOCS2 in growth hormone actions. <i>Trends in Endocrinology and Metabolism</i> , 2005, 16, 53-58.	7.1	31
58	Analysis of neuronal subpopulations in mice over-expressing suppressor of cytokine signaling-2. <i>Neuroscience</i> , 2005, 132, 673-687.	2.3	30
59	Growth hormone and SOCS2 regulation of neuronal differentiation: possible role in mental function. <i>Pediatric Endocrinology Reviews</i> , 2005, 2, 366-71.	1.2	4
60	SOCS2 Induces Neurite Outgrowth by Regulation of Epidermal Growth Factor Receptor Activation. <i>Journal of Biological Chemistry</i> , 2004, 279, 16349-16355.	3.4	71
61	Axonal Regeneration and Lack of Astrocytic Gliosis in EphA4-Deficient Mice. <i>Journal of Neuroscience</i> , 2004, 24, 10064-10073.	3.6	281
62	Suppressor of cytokine signalling-2 and epidermal growth factor regulate neurite outgrowth of cortical neurons. <i>European Journal of Neuroscience</i> , 2004, 20, 2260-2266.	2.6	67
63	Comparative analysis of CNS populations in knockout mice with altered growth hormone responsiveness. <i>European Journal of Neuroscience</i> , 2004, 19, 2069-2079.	2.6	71
64	Interferon- $\beta$ but not TNF $\alpha$ promotes neuronal differentiation and neurite outgrowth of murine adult neural stem cells. <i>Experimental Neurology</i> , 2004, 187, 171-177.	4.1	163
65	Failure of sensory neurons to express class I MHC is due to differential SOCS1 expression. <i>Journal of Neuroimmunology</i> , 2002, 123, 35-40.	2.3	30
66	LIF receptor signaling limits immune-mediated demyelination by enhancing oligodendrocyte survival. <i>Nature Medicine</i> , 2002, 8, 613-619.	30.7	241
67	Suppressor of cytokine signaling 2 regulates neuronal differentiation by inhibiting growth hormone signaling. <i>Nature Neuroscience</i> , 2002, 5, 1155-1162.	14.8	155
68	Interactions between Fibroblast Growth Factors and Notch Regulate Neuronal Differentiation. <i>Journal of Neuroscience</i> , 2001, 21, 5587-5596.	3.6	105
69	SOCS1 regulates interferon- $\beta$ mediated sensory neuron survival. <i>NeuroReport</i> , 2001, 12, 3443-3445.	1.2	27
70	Expression of ?suppressor of cytokine signalling? (SOCS) genes in the developing and adult mouse nervous system. <i>Journal of Comparative Neurology</i> , 2000, 423, 348-358.	1.6	64
71	Cytokines that Signal Through the Leukemia Inhibitory Factor Receptor- $\beta$ Complex in the Nervous System. <i>Journal of Neurochemistry</i> , 2000, 74, 889-899.	3.9	100
72	Expression of ?suppressor of cytokine signalling? (SOCS) genes in the developing and adult mouse nervous system. <i>Journal of Comparative Neurology</i> , 2000, 423, 348-358.	1.6	1

#	ARTICLE	IF	CITATIONS
73	Sonic Hedgehog Promotes Neuronal Differentiation of Murine Spinal Cord Precursors and Collaborates with Neurotrophin 3 to Induce Islet-1. <i>Journal of Neuroscience</i> , 1999, 19, 2601-2608.	3.6	42
74	Nerve growth factor modulates myelin-associated glycoprotein binding to sensory neurons. <i>International Journal of Developmental Neuroscience</i> , 1999, 17, 109-119.	1.6	8
75	Cellular Distribution and Developmental Expression of AMP-Activated Protein Kinase Isoforms in Mouse Central Nervous System. <i>Journal of Neurochemistry</i> , 1999, 72, 1707-1716.	3.9	238
76	Regulation of neural stem cell differentiation in the forebrain. <i>Immunology and Cell Biology</i> , 1998, 76, 414-418.	2.3	57
77	Neural precursor differentiation into astrocytes requires signaling through the leukemia inhibitory factor receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 3178-3181.	7.1	194
78	MAG and MOG enhance neurite outgrowth of embryonic mouse spinal cord neurons. <i>NeuroReport</i> , 1998, 9, 1987-1990.	1.2	60
79	Dysmyelination in class I MHC transgenic mice. <i>Microscopy Research and Technique</i> , 1995, 32, 286-294.	2.2	8
80	Regulation of MHC molecules on MBP positive oligodendrocytes in mice by IFN- $\gamma$ and TNF- $\alpha$ . <i>Neuroscience Letters</i> , 1991, 123, 45-48.	2.1	41
81	Dysmyelination in transgenic mice resulting from expression of class I histocompatibility molecules in oligodendrocytes. <i>Nature</i> , 1991, 353, 566-569.	27.8	114