

Tracy S Tran

List of Publications by Year in descending order

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36
papers

2,515
citations

331670

21
h-index

377865

34
g-index

39
all docs

39
docs citations

39
times ranked

3775
citing authors

#	ARTICLE	IF	CITATIONS
1	Semaphorin Regulation of Cellular Morphology. <i>Annual Review of Cell and Developmental Biology</i> , 2007, 23, 263-292.	9.4	349
2	Secreted semaphorins control spine distribution and morphogenesis in the postnatal CNS. <i>Nature</i> , 2009, 462, 1065-1069.	27.8	229
3	Distinct Roles for Secreted Semaphorin Signaling in Spinal Motor Axon Guidance. <i>Neuron</i> , 2005, 48, 949-964.	8.1	216
4	A Simple Bioreactor-Based Method to Generate Kidney Organoids from Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2018, 11, 470-484.	4.8	181
5	Conserved and Divergent Features of Mesenchymal Progenitor Cell Types within the Cortical Nephrogenic Niche of the Human and Mouse Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 806-824.	6.1	168
6	Conserved and Divergent Features of Human and Mouse Kidney Organogenesis. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 785-805.	6.1	165
7	Autism spectrum disorder susceptibility gene TAO2 affects basal dendrite formation in the neocortex. <i>Nature Neuroscience</i> , 2012, 15, 1022-1031.	14.8	149
8	DAB1 and Reelin Effects on Amyloid Precursor Protein and ApoE Receptor 2 Trafficking and Processing. <i>Journal of Biological Chemistry</i> , 2006, 281, 35176-35185.	3.4	143
9	Conserved and Divergent Molecular and Anatomic Features of Human and Mouse Nephron Patterning. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 825-840.	6.1	107
10	Semaphorin 3F Is a Bifunctional Guidance Cue for Dopaminergic Axons and Controls Their Fasciculation, Channeling, Rostral Growth, and Intracortical Targeting. <i>Journal of Neuroscience</i> , 2009, 29, 12542-12557.	3.6	103
11	Close Homolog of L1 and Neuropilin 1 Mediate Guidance of Thalamocortical Axons at the Ventral Telencephalon. <i>Journal of Neuroscience</i> , 2007, 27, 13667-13679.	3.6	95
12	Interaction between Dab1 and Crkl is promoted by Reelin signaling. <i>Journal of Cell Science</i> , 2004, 117, 4527-4536.	2.0	81
13	Neural Cell Adhesion Molecule NrCAM Regulates Semaphorin 3F-Induced Dendritic Spine Remodeling. <i>Journal of Neuroscience</i> , 2014, 34, 11274-11287.	3.6	78
14	NrCAM Deletion Causes Topographic Mistargeting of Thalamocortical Axons to the Visual Cortex and Disrupts Visual Acuity. <i>Journal of Neuroscience</i> , 2011, 31, 1545-1558.	3.6	56
15	Unique developmental patterns of GABAergic neurons in rat spinal cord. <i>Journal of Comparative Neurology</i> , 2003, 456, 112-126.	1.6	44
16	Ventrally located commissural neurons express the GABAergic phenotype in developing rat spinal cord. <i>Journal of Comparative Neurology</i> , 1999, 409, 285-298.	1.6	43
17	Global Ablation of the Mouse Rab11a Gene Impairs Early Embryogenesis and Matrix Metalloproteinase Secretion. <i>Journal of Biological Chemistry</i> , 2014, 289, 32030-32043.	3.4	40
18	Monitoring food preference in <i>Drosophila</i> by oligonucleotide tagging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9020-9025.	7.1	33

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19	Altered hippocampal-dependent memory and motor function in neuropilin 2-deficient mice. <i>Translational Psychiatry</i> , 2015, 5, e521-e521.	4.8	27
20	Axons Crossing in the Ventral Commissure Express L1 and GAD65 in the Developing Rat Spinal Cord. <i>Developmental Neuroscience</i> , 2000, 22, 228-236.	2.0	25
21	Modular and Distinct Plexin-A4/FARP2/Rac1 Signaling Controls Dendrite Morphogenesis. <i>Journal of Neuroscience</i> , 2020, 40, 5413-5430.	3.6	25
22	Neuropilin 2 Signaling Mediates Corticostriatal Transmission, Spine Maintenance, and Goal-Directed Learning in Mice. <i>Journal of Neuroscience</i> , 2019, 39, 8845-8859.	3.6	24
23	Semaphorin 3A Contributes to Distal Pulmonary Epithelial Cell Differentiation and Lung Morphogenesis. <i>PLoS ONE</i> , 2011, 6, e27449.	2.5	22
24	Distinct Cytoplasmic Domains in Plexin-A4 Mediate Diverse Responses to Semaphorin 3A in Developing Mammalian Neurons. <i>Science Signaling</i> , 2014, 7, ra24.	3.6	22
25	Floor plate-derived neuropilin-2 functions as a secreted semaphorin sink to facilitate commissural axon midline crossing. <i>Genes and Development</i> , 2015, 29, 2617-2632.	5.9	22
26	Reduced hippocampal inhibition and enhanced autism-epilepsy comorbidity in mice lacking neuropilin 2. <i>Translational Psychiatry</i> , 2021, 11, 537.	4.8	13
27	Embryonic GABAergic spinal commissural neurons project rostrally to mesencephalic targets. <i>Journal of Comparative Neurology</i> , 2004, 475, 327-339.	1.6	12
28	Neuropilin2 regulates the guidance of post-crossing spinal commissural axons in a subtype-specific manner. <i>Neural Development</i> , 2013, 8, 15.	2.4	12
29	Cellular Recruitment by Podocyte-Derived Pro-migratory Factors in Assembly of the Human Renal Filter. <i>IScience</i> , 2019, 20, 402-414.	4.1	11
30	Alcohol-induced aggression in <i>Drosophila</i> . <i>Addiction Biology</i> , 2021, 26, e13045.	2.6	9
31	Vertebrate spinal commissural neurons: a model system for studying axon guidance beyond the midline. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2015, 4, 283-297.	5.9	3
32	Regulation of Cortical Dendrite Morphology and Spine Organization by Secreted Semaphorins: A Primary Culture Approach. <i>Methods in Molecular Biology</i> , 2017, 1493, 209-222.	0.9	3
33	Semaphorin3A/PlexinA3 association with the Scribble scaffold for cGMP increase is required for apical dendrite development. <i>Cell Reports</i> , 2022, 38, 110483.	6.4	3
34	Distinct Roles for Secreted Semaphorin Signaling in Spinal Motor Axon Guidance. <i>Neuron</i> , 2006, 49, 319.	8.1	1
35	Functions of Neuropilins in Wiring the Nervous System and Their Role in Neurological Disorders. , 2017, , 125-149.		1
36	Neuropilin 2/Plexin-A3 Receptors Regulate the Functional Connectivity and the Excitability in the Layers 4 and 5 of the Cerebral Cortex. <i>Journal of Neuroscience</i> , 2022, , JN-RM-1965-21.	3.6	0