Guy Tear

List of Publications by Year
in descending order

24 papers	3,385 citations	430874 18 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	2636 citing authors

#	Article	IF	Citations
1	Roundabout Controls Axon Crossing of the CNS Midline and Defines a Novel Subfamily of Evolutionarily Conserved Guidance Receptors. Cell, 1998, 92, 205-215.	28.9	813
2	Mutations affecting growth cone guidance in drosophila: Genes necessary for guidance toward or away from the midline. Neuron, 1993, 10, 409-426.	8.1	641
3	glial cells missing: a genetic switch that controls glial versus neuronal fate. Cell, 1995, 82, 1013-1023.	28.9	435
4	Dosage-Sensitive and Complementary Functions of Roundabout and Commissureless Control Axon Crossing of the CNS Midline. Neuron, 1998, 20, 25-33.	8.1	283
5	commissureless Controls Growth Cone Guidance across the CNS Midline in Drosophila and Encodes a Novel Membrane Protein. Neuron, 1996, 16, 501-514.	8.1	239
6	Drosophila Nedd4, a Ubiquitin Ligase, Is Recruited by Commissureless to Control Cell Surface Levels of the Roundabout Receptor. Neuron, 2002, 35, 447-459.	8.1	158
7	Axon guidance mechanisms and molecules: lessons from invertebrates. Nature Reviews Neuroscience, 2003, 4, 910-922.	10.2	123
8	mummy/cystic encodes an enzyme required for chitin and glycan synthesis, involved in trachea, embryonic cuticle and CNS developmentâ€"Analysis of its role in Drosophila tracheal morphogenesis. Developmental Biology, 2005, 288, 179-193.	2.0	114
9	Use of model organisms for the study of neuronal ceroid lipofuscinosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 1842-1865.	3.8	77
10	Getting axons onto the right path: the role of transcription factors in axon guidance. Development (Cambridge), 2007, 134, 439-448.	2.5	73
11	Commissureless is required both in commissural neurones and midline cells for axon guidance across the midline. Development (Cambridge), 2002, 129, 2947-2956.	2.5	66
12	Drosophilaas a genetic and cellular model for studies on axonal growth. Neural Development, 2007, 2, 9.	2.4	58
13	The Batten disease gene CLN3 is required for the response to oxidative stress. Human Molecular Genetics, 2011, 20, 2037-2047.	2.9	46
14	Interactions between the juvenile Batten disease gene, CLN3, and the Notch and JNK signalling pathways. Human Molecular Genetics, 2009, 18, 667-678.	2.9	44
15	Neuroglian and FasciclinII can promote neurite outgrowth via the FGF receptor Heartless. Molecular and Cellular Neurosciences, 2004, 26, 282-291.	2.2	43
16	Dynamic expression patterns of Robo (Robo1 and Robo2) in the developing murine central nervous system. Journal of Comparative Neurology, 2004, 468, 467-481.	1.6	41
17	Drosophila T Box Proteins Break the Symmetry of Hedgehog-Dependent Activation of wingless. Current Biology, 2004, 14, 1694-1702.	3.9	39
18	Neuronal guidance: a genetic perspective. Trends in Genetics, 1999, 15, 113-118.	6.7	31

#	Article	IF	Citations
19	Functions of the segment polarity genes midline and H15 in Drosophila melanogaster neurogenesis. Developmental Biology, 2006, 292, 418-429.	2.0	17
20	The N-terminal and transmembrane domains of Commissureless are necessary for its function and trafficking within neurons. Mechanisms of Development, 2003, 120, 1009-1019.	1.7	16
21	in vivo localization of the neuronal ceroid lipofuscinosis proteins, CLN3 and CLN7 , at endogenous expression levels. Neurobiology of Disease, 2017, 103, 123-132.	4.4	15
22	A new code for axons. Nature, 2001, 409, 472-473.	27.8	7
23	Commissureless Regulation of Axon Outgrowth across the Midline Is Independent of Rab Function. PLoS ONE, 2013, 8, e64427.	2.5	5
24	1. Molecular cues that guide the development of neural connectivity. , 2017, , 1-14.		0