

Elke Stein

List of Publications by Year in descending order

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18
papers

4,470
citations

430874

18
h-index

794594

19
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docs citations

19
times ranked

4049
citing authors

#	ARTICLE	IF	CITATIONS
1	A Ligand-Gated Association between Cytoplasmic Domains of UNC5 and DCC Family Receptors Converts Netrin-Induced Growth Cone Attraction to Repulsion. <i>Cell</i> , 1999, 97, 927-941.	28.9	643
2	The Morphogen Sonic Hedgehog Is an Axonal Chemoattractant that Collaborates with Netrin-1 in Midline Axon Guidance. <i>Cell</i> , 2003, 113, 11-23.	28.9	577
3	Eph receptors discriminate specific ligand oligomers to determine alternative signaling complexes, attachment, and assembly responses. <i>Genes and Development</i> , 1998, 12, 667-678.	5.9	378
4	Regulation of Cortical Dendrite Development by Slit-Robo Interactions. <i>Neuron</i> , 2002, 33, 47-61.	8.1	247
5	Netrin-1-mediated axon outgrowth requires deleted in colorectal cancer-dependent MAPK activation. <i>Nature</i> , 2002, 417, 443-447.	27.8	239
6	DSCAM Is a Netrin Receptor that Collaborates with DCC in Mediating Turning Responses to Netrin-1. <i>Cell</i> , 2008, 133, 1241-1254.	28.9	228
7	Binding of DCC by Netrin-1 to Mediate Axon Guidance Independent of Adenosine A2B Receptor Activation. <i>Science</i> , 2001, 291, 1976-1982.	12.6	219
8	Plexin-A3 Mediates Semaphorin Signaling and Regulates the Development of Hippocampal Axonal Projections. <i>Neuron</i> , 2001, 32, 249-263.	8.1	206
9	Surface densities of ephrin-B1 determine EphB1-coupled activation of cell attachment through alpha vbeta 3 and alpha 5beta 1 integrins. <i>EMBO Journal</i> , 1999, 18, 2165-2173.	7.8	187
10	Novel Role for Netrins in Regulating Epithelial Behavior during Lung Branching Morphogenesis. <i>Current Biology</i> , 2004, 14, 897-905.	3.9	159
11	Nck Recruitment to Eph Receptor, EphB1/ELK, Couples Ligand Activation to c-Jun Kinase. <i>Journal of Biological Chemistry</i> , 1998, 273, 1303-1308.	3.4	143
12	Developmental regulation of five subunit specific mRNAs encoding acetylcholine receptor subtypes in rat muscle. <i>FEBS Letters</i> , 1989, 242, 419-424.	2.8	131
13	Ligand Activation of ELK Receptor Tyrosine Kinase Promotes Its Association with Grb10 and Grb2 in Vascular Endothelial Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 23588-23593.	3.4	130
14	Netrin signaling leading to directed growth cone steering. <i>Current Opinion in Neurobiology</i> , 2007, 17, 15-21.	4.2	124
15	Presenilin-Dependent Receptor Processing Is Required for Axon Guidance. <i>Cell</i> , 2011, 144, 106-118.	28.9	115
16	Primary structure and functional expression of the alpha-, beta-, gamma-, delta- and e-subunits of the acetylcholine receptor from rat muscle. <i>FEBS Journal</i> , 1990, 194, 437-448.	0.2	108
17	DSCAM Contributes to Dendrite Arborization and Spine Formation in the Developing Cerebral Cortex. <i>Journal of Neuroscience</i> , 2012, 32, 16637-16650.	3.6	57
18	Eph Family Receptors and Ligands in Vascular Cell Targeting and Assembly. <i>Trends in Cardiovascular Medicine</i> , 1997, 7, 329-334.	4.9	6