

Julie L Lefebvre

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,422
citations

687363

13
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

1859
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Protocadherins mediate dendritic self-avoidance in the mammalian nervous system. <i>Nature</i> , 2012, 488, 517-521. | 27.8 | 394 |
| 2 | Development of Dendritic Form and Function. <i>Annual Review of Cell and Developmental Biology</i> , 2015, 31, 741-777. | 9.4 | 190 |
| 3 | Wnt Signals Organize Synaptic Prepattern and Axon Guidance through the Zebrafish unplugged/MuSK Receptor. <i>Neuron</i> , 2009, 61, 721-733. | 8.1 | 156 |
| 4 | $\hat{\beta}$ -Protocadherins regulate neuronal survival but are dispensable for circuit formation in retina. <i>Development (Cambridge)</i> , 2008, 135, 4141-4151. | 2.5 | 139 |
| 5 | Functional Significance of Isoform Diversification in the Protocadherin Gamma Gene Cluster. <i>Neuron</i> , 2012, 75, 402-409. | 8.1 | 100 |
| 6 | Dendrite Self-Avoidance Requires Cell-Autonomous Slit/Robo Signaling in Cerebellar Purkinje Cells. <i>Neuron</i> , 2014, 81, 1040-1056. | 8.1 | 80 |
| 7 | Zebrafish unplugged reveals a role for muscle-specific kinase homologs in axonal pathway choice. <i>Nature Neuroscience</i> , 2004, 7, 1303-1309. | 14.8 | 79 |
| 8 | Combinatorial Effects of Alpha- and Gamma-Protocadherins on Neuronal Survival and Dendritic Self-Avoidance. <i>Journal of Neuroscience</i> , 2018, 38, 2713-2729. | 3.6 | 73 |
| 9 | Tenascin-C is involved in motor axon outgrowth in the trunk of developing zebrafish. <i>Developmental Dynamics</i> , 2005, 234, 550-566. | 1.8 | 51 |
| 10 | Differential requirement for MuSK and dystroglycan in generating patterns of neuromuscular innervation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2483-2488. | 7.1 | 31 |
| 11 | Human iPSC-derived Down syndrome astrocytes display genome-wide perturbations in gene expression, an altered adhesion profile, and increased cellular dynamics. <i>Human Molecular Genetics</i> , 2020, 29, 785-802. | 2.9 | 30 |
| 12 | Neuronal territory formation by the atypical cadherins and clustered protocadherins. <i>Seminars in Cell and Developmental Biology</i> , 2017, 69, 111-121. | 5.0 | 29 |
| 13 | The $\hat{\beta}$ -Protocadherins Regulate the Survival of GABAergic Interneurons during Developmental Cell Death. <i>Journal of Neuroscience</i> , 2020, 40, 8652-8668. | 3.6 | 26 |
| 14 | Molecular mechanisms that mediate dendrite morphogenesis. <i>Current Topics in Developmental Biology</i> , 2021, 142, 233-282. | 2.2 | 23 |
| 15 | Morphological pseudotime ordering and fate mapping reveal diversification of cerebellar inhibitory interneurons. <i>Nature Communications</i> , 2022, 13, . | 12.8 | 7 |
| 16 | Time-Lapse Imaging of Neuronal Arborization using Sparse Adeno-Associated Virus Labeling of Genetically Targeted Retinal Cell Populations. <i>Journal of Visualized Experiments</i> , 2021, , . | 0.3 | 3 |
| 17 | Dendrite development: vertebrates. , 2020, , 257-286. | | 1 |
| 18 | ISDN2014_0427: Dendrite self-avoidance and self/non-self recognition in mammalian neurons is mediated by clustered protocadherins. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 128-129. | 1.6 | 0 |