

Beatriz Rico

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,814
citations

331670
21
h-index

501196
28
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32
all docs

32
docs citations

32
times ranked

4363
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of cortical GABA circuitry development by Nrg1 and ErbB4 signalling. Nature, 2010, 464, 1376-1380.	27.8	423
2	Activity-Dependent Gating of Parvalbumin Interneuron Function by the Perineuronal Net Protein Brevican. Neuron, 2017, 95, 639-655.e10.	8.1	271
3	The Primate Thalamus Is a Key Target for Brain Dopamine. Journal of Neuroscience, 2005, 25, 6076-6083.	3.6	265
4	ErbB4 Deletion from Fast-Spiking Interneurons Causes Schizophrenia-like Phenotypes. Neuron, 2013, 79, 1152-1168.	8.1	254
5	TrkB receptor signaling is required for establishment of GABAergic synapses in the cerebellum. Nature Neuroscience, 2002, 5, 225-233.	14.8	197
6	Control of axonal branching and synapse formation by focal adhesion kinase. Nature Neuroscience, 2004, 7, 1059-1069.	14.8	168
7	BDNF mobilizes synaptic vesicles and enhances synapse formation by disrupting cadherin- β 2-catenin interactions. Journal of Cell Biology, 2006, 174, 289-299.	5.2	156
8	Distinct molecular programs regulate synapse specificity in cortical inhibitory circuits. Science, 2019, 363, 413-417.	12.6	153
9	Distribution of the dopamine innervation in the macaque and human thalamus. NeuroImage, 2007, 34, 965-984.	4.2	144
10	Transneuronal tracing of diverse CNS circuits by Cre-mediated induction of wheat germ agglutinin in transgenic mice. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15148-15153.	7.1	91
11	Neuregulin signaling, cortical circuitry development and schizophrenia. Current Opinion in Genetics and Development, 2011, 21, 262-270.	3.3	80
12	Neural circuit dysfunction in mouse models of neurodevelopmental disorders. Current Opinion in Neurobiology, 2018, 48, 174-182.	4.2	78
13	CREB-Dependent Regulation of GAD65 Transcription by BDNF/TrkB in Cortical Interneurons. Cerebral Cortex, 2011, 21, 777-788.	2.9	77
14	Abnormal wiring of CCK+ basket cells disrupts spatial information coding. Nature Neuroscience, 2017, 20, 784-792.	14.8	69
15	Focal Adhesion Kinase Modulates Radial Glia-Dependent Neuronal Migration through Connexin-26. Journal of Neuroscience, 2011, 31, 11678-11691.	3.6	55
16	Critical Role of Integrin-Linked Kinase in Granule Cell Precursor Proliferation and Cerebellar Development. Journal of Neuroscience, 2006, 26, 830-840.	3.6	52
17	Focal adhesion kinase regulates actin nucleation and neuronal filopodia formation during axonal growth. Development (Cambridge), 2012, 139, 3200-3210.	2.5	41
18	Molecular diversity underlying cortical excitatory and inhibitory synapse development. Current Opinion in Neurobiology, 2018, 53, 8-15.	4.2	35

#	ARTICLE	IF	CITATIONS
19	A population of cholinergic neurons is present in the macaque monkey thalamus. <i>European Journal of Neuroscience</i> , 1998, 10, 2346-2352.	2.6	30
20	Vav3 Is Involved in GABAergic Axon Guidance Events Important for the Proper Function of Brainstem Neurons Controlling Cardiovascular, Respiratory, and Renal Parameters. <i>Molecular Biology of the Cell</i> , 2010, 21, 4251-4263.	2.1	30
21	The Microtubule Regulator NEK7 Coordinates the Wiring of Cortical Parvalbumin Interneurons. <i>Cell Reports</i> , 2018, 24, 1231-1242.	6.4	24
22	Adrenergic innervation of the monkey thalamus: an immunohistochemical study. <i>Neuroscience</i> , 1998, 84, 839-847.	2.3	23
23	Subcellular sorting of neuregulins controls the assembly of excitatory-inhibitory cortical circuits. <i>ELife</i> , 2020, 9, .	6.0	23
24	Focal adhesion kinase functions downstream of Sema3A signaling during axonal remodeling. <i>Molecular and Cellular Neurosciences</i> , 2010, 44, 30-42.	2.2	20
25	Focal adhesion kinase function in neuronal development. <i>Current Opinion in Neurobiology</i> , 2014, 27, 89-95.	4.2	20
26	Distribution of acetylcholinesterase and choline acetyltransferase in the main and accessory olfactory bulbs of the hedgehog(<i>Erinaceus europaeus</i>). , 1999, 403, 53-67.		15
27	Finding a druggable target for schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11902-11903.	7.1	11
28	A New Beginning for a Broken Mind: Balancing Neuregulin 1 Reverses Synaptic Dysfunction. <i>Neuron</i> , 2013, 78, 577-579.	8.1	5
29	Shaping Early Networks to Rule Mature Circuits: Little MiRs Go a Long Way. <i>Neuron</i> , 2016, 92, 1154-1157.	8.1	1
30	Focal adhesion kinase regulates actin nucleation and neuronal filopodia formation during axonal growth. <i>Journal of Cell Science</i> , 2012, 125, e1-e1.	2.0	0