Joaquim Egea

List of Publications by Year
in descending order

33 papers	1,884 citations	331670 21 h-index	414414 32 g-index
37 all docs	37 docs citations	37 times ranked	2777 citing authors

#	Article	IF	Citations
1	Genetic ablation of the Rho GTPase Rnd3 triggers developmental defects in internal capsule and the globus pallidus formation. Journal of Neurochemistry, 2021, 158, 197-216.	3.9	3
2	FLRT2 and FLRT3 cooperate in maintaining the tangential migratory streams of cortical interneurons during development. Journal of Neuroscience, 2021, 41, JN-RM-0380-20.	3.6	7
3	proNGF Involvement in the Adult Neurogenesis Dysfunction in Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2021, 22, 10744.	4.1	3
4	Endometrial PTEN Deficiency Leads to SMAD2/3 Nuclear Translocation. Cancers, 2021, 13, 4990.	3.7	13
5	Sprouty1 Controls Genitourinary Development via its N-Terminal Tyrosine. Journal of the American Society of Nephrology: JASN, 2019, 30, 1398-1411.	6.1	5
6	Presenilin/Î³-secretase-dependent EphA3 processing mediates axon elongation through non-muscle myosin IIA. ELife, 2019, 8, .	6.0	16
7	Enhanced synaptic plasticity and spatial memory in female but not male FLRT2-haplodeficient mice. Scientific Reports, 2018, 8, 3703.	3.3	16
8	Metabolomic Estimation of the Diagnosis and Onset Time of Permanent and Transient Cerebral Ischemia. Molecular Neurobiology, 2018, 55, 6193-6200.	4.0	10
9	proBDNF is modified by advanced glycation end products in Alzheimerâ€™s disease and causes neuronal apoptosis by inducing p75 neurotrophin receptor processing. Molecular Brain, 2018, 11, 68.	2.6	79
10	Ion channels, guidance molecules, intracellular signaling and transcription factors regulating nervous and vascular system development. Journal of Physiological Sciences, 2016, 66, 175-188.	2.1	11
11	Oxidative Stress and Neurodegenerative Diseases: A Neurotrophic Approach. Current Drug Targets, 2015, 16, 20-30.	2.1	36
12	FLRT3 Is a Robo1-Interacting Protein that Determines Netrin-1 Attraction in Developing Axons. Current Biology, 2014, 24, 494-508.	3.9	73
13	Cyclin D1 localizes in the cytoplasm of keratinocytes during skin differentiation and regulates cellâ€“matrix adhesion. Cell Cycle, 2013, 12, 2510-2517.	2.6	28
14	Modulating Glypican4 Suppresses Tumorigenicity of Embryonic Stem Cells While Preserving Self-Renewal and Pluripotency. Stem Cells, 2012, 30, 1863-1874.	3.2	47
15	FLRT2 and FLRT3 act as repulsive guidance cues for Unc5-positive neurons. Neuroscience Research, 2011, 71, e66.	1.9	0
16	FLRT2 and FLRT3 act as repulsive guidance cues for Unc5-positive neurons. EMBO Journal, 2011, 30, 2920-2933.	7.8	135
17	Genetic ablation of FLRT3 reveals a novel morphogenetic function for the anterior visceral endoderm in suppressing mesoderm differentiation. Genes and Development, 2008, 22, 3349-3362.	5.9	54
18	EphA4-Dependent Axon Guidance Is Mediated by the RacGAP Î±2-Chimaerin. Neuron, 2007, 55, 756-767.	8.1	134

#	Article	IF	Citations
19	Differential, ageâ€dependent MEKâ€ERK and PI3Kâ€Akt activation by insulin acting as a survival factor during embryonic retinal development. Developmental Neurobiology, 2007, 67, 1777-1788.	3.0	32
20	Bidirectional Ephâ€"ephrin signaling during axon guidance. Trends in Cell Biology, 2007, 17, 230-238.	7.9	335
21	Genetic analysis of EphA-dependent signaling mechanisms controlling topographic mapping in vivo. Development (Cambridge), 2006, 133, 4415-4420.	2.5	27
22	Regulation of EphA4 Kinase Activity Is Required for a Subset of Axon Guidance Decisions Suggesting a Key Role for Receptor Clustering in Eph Function. Neuron, 2005, 47, 515-528.	8.1	106
23	Trk is a calmodulinâ€binding protein: implications for receptor processing. Journal of Neurochemistry, 2004, 88, 422-433.	3.9	16
24	Activation of Phosphatidylinositol 3-Kinase, but Not Extracellular-Regulated Kinases, Is Necessary to Mediate Brain-Derived Neurotrophic Factor-Induced Motoneuron Survival. Journal of Neurochemistry, 2002, 73, 521-531.	3.9	111
25	Cytokines Promote Motoneuron Survival through the Janus Kinase-Dependent Activation of the Phosphatidylinositol 3-Kinase Pathway. Molecular and Cellular Neurosciences, 2001, 18, 619-631.	2.2	86
26	Neuronal survival induced by neurotrophins requires calmodulin. Journal of Cell Biology, 2001, 154, 585-598.	5.2	53
27	Combined use of the green and yellow fluorescent proteins and fluorescence-activated cell sorting to select populations of transiently transfected PC12 cells. Journal of Neuroscience Methods, 2000, 100, 63-69.	2.5	11
28	Nerve Growth Factor Activation of the Extracellular Signal-Regulated Kinase Pathway Is Modulated by Ca 2+ and Calmodulin. Molecular and Cellular Biology, 2000, 20, 1931-1946.	2.3	47
29	Receptors of the Glial Cell Line-Derived Neurotrophic Factor Family of Neurotrophic Factors Signal Cell Survival through the Phosphatidylinositol 3-Kinase Pathway in Spinal Cord Motoneurons. Journal of Neuroscience, 1999, 19, 9160-9169.	3.6	153
30	Calcium Influx Activates Extracellular-regulated Kinase/Mitogen-activated Protein Kinase Pathway through a Calmodulin-sensitive Mechanism in PC12 Cells. Journal of Biological Chemistry, 1999, 274, 75-85.	3.4	87
31	Development of Survival Responsiveness to Brain-Derived Neurotrophic Factor, Neurotrophin 3 and Neurotrophin 4/5, But Not to Nerve Growth Factor, in Cultured Motoneurons from Chick Embryo Spinal Cord. Journal of Neuroscience, 1998, 18, 7903-7911.	3.6	58
32	Calmodulin Is Involved in Membrane Depolarization-Mediated Survival of Motoneurons by Phosphatidylinositol-3 Kinase- and MAPK-Independent Pathways. Journal of Neuroscience, 1998, 18, 1230-1239.	3.6	64
33	Calmodulin Modulates Mitogenâ€Activated Protein Kinase Activation in Response to Membrane Depolarization in PC12 Cells. Journal of Neurochemistry, 1998, 70, 2554-2564.	3.9	28