

Joaquim Egea

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2952560/publications.pdf>

Version: 2024-02-01

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	Bidirectional Ephâ€‘ephrin signaling during axon guidance. Trends in Cell Biology, 2007, 17, 230-238.	7.9	335
2	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
3	FLRT2 and FLRT3 act as repulsive guidance cues for Unc5-positive neurons. EMBO Journal, 2011, 30, 2920-2933.	7.8	135
4	EphA4-Dependent Axon Guidance Is Mediated by the RacGAP Î±2-Chimaerin. Neuron, 2007, 55, 756-767.	8.1	134
5	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
6	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
7	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
8	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
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	FLRT3 Is a Robo1-Interacting Protein that Determines Netrin-1 Attraction in Developing Axons. Current Biology, 2014, 24, 494-508.	3.9	73
11	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
12	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
13	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
14	Neuronal survival induced by neurotrophins requires calmodulin. Journal of Cell Biology, 2001, 154, 585-598.	5.2	53
15	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
16	Modulating Glypican4 Suppresses Tumorigenicity of Embryonic Stem Cells While Preserving Self-Renewal and Pluripotency. Stem Cells, 2012, 30, 1863-1874.	3.2	47
17	Oxidative Stress and Neurodegenerative Diseases: A Neurotrophic Approach. Current Drug Targets, 2015, 16, 20-30.	2.1	36
18	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

#	ARTICLE	IF	CITATIONS
19	Calmodulin Modulates Mitogen-Activated Protein Kinase Activation in Response to Membrane Depolarization in PC12 Cells. <i>Journal of Neurochemistry</i> , 1998, 70, 2554-2564.	3.9	28
20	Cyclin D1 localizes in the cytoplasm of keratinocytes during skin differentiation and regulates cell-matrix adhesion. <i>Cell Cycle</i> , 2013, 12, 2510-2517.	2.6	28
21	Genetic analysis of EphA-dependent signaling mechanisms controlling topographic mapping in vivo. <i>Development (Cambridge)</i> , 2006, 133, 4415-4420.	2.5	27
22	Trk is a calmodulin-binding protein: implications for receptor processing. <i>Journal of Neurochemistry</i> , 2004, 88, 422-433.	3.9	16
23	Enhanced synaptic plasticity and spatial memory in female but not male FLRT2-haplodeficient mice. <i>Scientific Reports</i> , 2018, 8, 3703.	3.3	16
24	Presenilin/ β -secretase-dependent EphA3 processing mediates axon elongation through non-muscle myosin IIA. <i>ELife</i> , 2019, 8, .	6.0	16
25	Endometrial PTEN Deficiency Leads to SMAD2/3 Nuclear Translocation. <i>Cancers</i> , 2021, 13, 4990.	3.7	13
26	Combined use of the green and yellow fluorescent proteins and fluorescence-activated cell sorting to select populations of transiently transfected PC12 cells. <i>Journal of Neuroscience Methods</i> , 2000, 100, 63-69.	2.5	11
27	Ion channels, guidance molecules, intracellular signaling and transcription factors regulating nervous and vascular system development. <i>Journal of Physiological Sciences</i> , 2016, 66, 175-188.	2.1	11
28	Metabolomic Estimation of the Diagnosis and Onset Time of Permanent and Transient Cerebral Ischemia. <i>Molecular Neurobiology</i> , 2018, 55, 6193-6200.	4.0	10
29	FLRT2 and FLRT3 cooperate in maintaining the tangential migratory streams of cortical interneurons during development. <i>Journal of Neuroscience</i> , 2021, 41, JN-RM-0380-20.	3.6	7
30	Sprouty1 Controls Genitourinary Development via its N-Terminal Tyrosine. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 1398-1411.	6.1	5
31	Genetic ablation of the Rho GTPase Rnd3 triggers developmental defects in internal capsule and the globus pallidus formation. <i>Journal of Neurochemistry</i> , 2021, 158, 197-216.	3.9	3
32	proNGF Involvement in the Adult Neurogenesis Dysfunction in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10744.	4.1	3
33	FLRT2 and FLRT3 act as repulsive guidance cues for Unc5-positive neurons. <i>Neuroscience Research</i> , 2011, 71, e66.	1.9	0