Eduardo Soriano GarcÃ-a

List of Publications by Year
in descending order

61 papers	3,036 citations	236833 25 h-index	168321 53 g-index
66 all docs	66 docs citations	66 times ranked	3728 citing authors

#	Article	IF	Citations
1	Functional protection in J20/VLW mice: a model of non-demented with Alzheimerâ€™s disease neuropathology. Brain, 2022, 145, 729-743.	3.7	2
2	Growth cone repulsion to Netrin-1 depends on lipid raft microdomains enriched in UNC5 receptors. Cellular and Molecular Life Sciences, 2021, 78, 2797-2820.	2.4	9
3	ARMCX3 Mediates Susceptibility to Hepatic Tumorigenesis Promoted by Dietary Lipotoxicity. Cancers, 2021, 13, 1110.	1.7	7
4	Comprehensive identification of somatic nucleotide variants in human brain tissue. Genome Biology, 2021, 22, 92.	3.8	26
5	One Raft to Guide Them All, and in Axon Regeneration Inhibit Them. International Journal of Molecular Sciences, 2021, 22, 5009.	1.8	4
6	New Partners Identified by Mass Spectrometry Assay Reveal Functions of NCAM2 in Neural Cytoskeleton Organization. International Journal of Molecular Sciences, 2021, 22, 7404.	1.8	6
7	The Hidden Side of NCAM Family: NCAM2, a Key Cytoskeleton Organization Molecule Regulating Multiple Neural Functions. International Journal of Molecular Sciences, 2021, 22, 10021.	1.8	18
8	Helios modulates the maturation of a CA1 neuronal subpopulation required for spatial memory formation. Experimental Neurology, 2020, 323, 113095.	2.0	4
9	Reelin reverts biochemical, physiological and cognitive alterations in mouse models of Tauopathy. Progress in Neurobiology, 2020, 186, 101743.	2.8	26
10	Characterization of an eutherian gene cluster generated after transposon domestication identifies Bex3 as relevant for advanced neurological functions. Genome Biology, 2020, 21, 267.	3.8	10
11	NCAM2 Regulates Dendritic and Axonal Differentiation through the Cytoskeletal Proteins MAP2 and 14-3-3. Cerebral Cortex, 2020, 30, 3781-3799.	1.6	33
12	Nystatin Regulates Axonal Extension and Regeneration by Modifying the Levels of Nitric Oxide. Frontiers in Molecular Neuroscience, 2020, 13, 56.	1.4	4
13	Cholesterol Depletion Regulates Axonal Growth and Enhances Central and Peripheral Nerve Regeneration. Frontiers in Cellular Neuroscience, 2019, 13, 40.	1.8	37
14	Reversible silencing of endogenous receptors in intact brain tissue using 2-photon pharmacology. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13680-13689.	3.3	17
15	Differential accumulation of Tau phosphorylated at residues Thr231, Ser262 and Thr205 in hippocampal interneurons and its modulation by Tau mutations (VLW) and amyloid-Î² peptide. Neurobiology of Disease, 2019, 125, 232-244.	2.1	17
16	New functions of Semaphorin 3E and its receptor PlexinD1 during developing and adult hippocampal formation. Scientific Reports, 2018, 8, 1381.	1.6	18
17	NeuroEPO Preserves Neurons from Glutamate-Induced Excitotoxicity. Journal of Alzheimer's Disease, 2018, 65, 1469-1483.	1.2	29
18	A conserved role for Syntaxin-1 in pre- and post-commissural midline axonal guidance in fly, chick, and mouse. PLoS Genetics, 2018, 14, e1007432.	1.5	10

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19	NEK7 regulates dendrite morphogenesis in neurons via Eg5-dependent microtubule stabilization. Nature Communications, 2018, 9, 2330.	5.8	29
20	Syntaxin-1/TI-VAMP SNAREs interact with Trk receptors and are required for neurotrophin-dependent outgrowth. Oncotarget, 2018, 9, 35922-35940.	0.8	7
21	SNARE complex in axonal guidance and neuroregeneration. Neural Regeneration Research, 2018, 13, 386.	1.6	17
22	SNARE proteins play a role in motor axon guidance in vertebrates and invertebrates. Developmental Neurobiology, 2017, 77, 963-974.	1.5	14
23	The GABAergic septohippocampal connection is impaired in a mouse model of tauopathy. Neurobiology of Aging, 2017, 49, 40-51.	1.5	30
24	Identification of novel Ack1-interacting proteins and Ack1 phosphorylated sites in mouse brain by mass spectrometry. Oncotarget, 2017, 8, 101146-101157.	0.8	3
25	FAIM-L regulation of XIAP degradation modulates Synaptic Long-Term Depression and Axon Degeneration. Scientific Reports, 2016, 6, 35775.	1.6	17
26	Non-centrosomal nucleation mediated by augmin organizes microtubules in post-mitotic neurons and controls axonal microtubule polarity. Nature Communications, 2016, 7, 12187.	5.8	153
27	New partners and phosphorylation sites of focal adhesion kinase identified by mass spectrometry. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 1388-1394.	1.1	2
28	Reelin Regulates the Maturation of Dendritic Spines, Synaptogenesis and Glial Ensheathment of Newborn Granule Cells. Cerebral Cortex, 2016, 26, 4282-4298.	1.6	53
29	FIB/SEM technology and high-throughput 3D reconstruction of dendritic spines and synapses in GFP-labeled adult-generated neurons. Frontiers in Neuroanatomy, 2015, 9, 60.	0.9	66
30	Regulation of Patterned Dynamics of Local Exocytosis in Growth Cones by Netrin-1. Journal of Neuroscience, 2015, 35, 5156-5170.	1.7	26
31	Blockade of the SNARE Protein Syntaxin 1 Inhibits Glioblastoma Tumor Growth. PLoS ONE, 2015, 10, e0119707.	1.1	30
32	Variations in brain DNA. Frontiers in Aging Neuroscience, 2014, 6, 323.	1.7	6
33	Transient Downregulation of Dab1 Protein Levels during Development Leads to Behavioral and Structural Deficits: Relevance for Psychiatric Disorders. Neuropsychopharmacology, 2014, 39, 556-568.	2.8	19
34	Neural ECM molecules in synaptic plasticity, learning, and memory. Progress in Brain Research, 2014, 214, 53-80.	0.9	75
35	MDMA impairs mitochondrial neuronal trafficking in a Tau- and Mitofusin2/Drp1-dependent manner. Archives of Toxicology, 2014, 88, 1561-1572.	1.9	18
36	Somatic Signature of Brain-Specific Single Nucleotide Variations in Sporadic Alzheimer's Disease. Journal of Alzheimer's Disease, 2014, 42, 1357-1382.	1.2	38

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37	Reelin delays amyloid-beta fibril formation and rescues cognitive deficits in a model of Alzheimerâ€™s disease. Nature Communications, 2014, 5, 3443.	5.8	108
38	The GABAergic Septohippocampal Pathway Is Directly Involved in Internal Processes Related to Operant Reward Learning. Cerebral Cortex, 2014, 24, 2093-2107.	1.6	45
39	Similarities and Differences between Exome Sequences Found in a Variety of Tissues from the Same Individual. PLoS ONE, 2014, 9, e101412.	1.1	6
40	The Non-Canonical Wnt/PKC Pathway Regulates Mitochondrial Dynamics through Degradation of the Arm-Like Domain-Containing Protein Alex3. PLoS ONE, 2013, 8, e67773.	1.1	25
41	Syntaxin 1 is required for DCC/Netrinâ€1â€dependent chemoattraction of migrating neurons from the lower rhombic lip. European Journal of Neuroscience, 2012, 36, 3152-3164.	1.2	26
42	A Signaling Mechanism Coupling Netrin-1/Deleted in Colorectal Cancer Chemoattraction to SNARE-Mediated Exocytosis in Axonal Growth Cones. Journal of Neuroscience, 2011, 31, 14463-14480.	1.7	59
43	MAP1B Is Required for Netrin 1 Signaling in Neuronal Migration and Axonal Guidance. Current Biology, 2004, 14, 840-850.	1.8	121
44	The early development of thalamocortical and corticothalamic projections in the mouse. Anatomy and Embryology, 2000, 201, 169-179.	1.5	115
45	Developmental History of the Subplate and Developing White Matter in the Murine Neocortex. Neuronal Organization and Relationship with the Main Afferent Systems at Embryonic and Perinatal Stages. Cerebral Cortex, 2000, 10, 784-801.	1.6	125
46	Alu-splice cloning of human Intersectin (ITSN), a putative multivalent binding protein expressed in proliferating and differentiating neurons and overexpressed in Down syndrome. European Journal of Human Genetics, 1999, 7, 704-712.	1.4	74
47	Spiny calretinin-immunoreactive neurons in the hilus and CA3 region of the rat hippocampus: Local axon circuits, synaptic connections, and glutamic acid decarboxylase 65/67 mRNA expression. , 1999, 404, 438-448.		13
48	Endogenous protein kinase A inhibitor (PKI?) modulates synaptic activity. , 1998, 53, 269-278.		19
49	Expression of nerve growth factor and neurotrophin-3 mRNAs in hippocampal interneurons: Morphological characterization, levels of expression, and colocalization of nerve growth factor and neurotrophin-3. , 1998, 395, 73-90.		22
50	A role for Cajalâ€“Retzius cells and reelin in the development of hippocampal connections. Nature, 1997, 385, 70-74.	13.7	442
51	Placenta-Specific Expression of the Rat Growth Hormone-Releasing Hormone Gene Promoter in Transgenic Mice. Endocrinology, 1997, 138, 3222-3227.	1.4	4
52	Regional variability and postsynaptic targets of chandelier cells in the hippocampal formation of the rat. Journal of Comparative Neurology, 1996, 376, 28-44.	0.9	24
53	Thalamic and Basal Forebrain Afferents Modulate the Development of Parvalbumin and Calbindin D28k Immunoreactivity in the Barrel Cortex of the Rat. European Journal of Neuroscience, 1996, 8, 1522-1534.	1.2	42
54	Development of cairetinin immunoreactivity in the neocortex of the rat. Journal of Comparative Neurology, 1995, 361, 177-192.	0.9	103

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55	Organization of the embryonic and early postnatal murine hippocampus. I. Immunocytochemical characterization of neuronal populations in the subplate and marginal zone. Journal of Comparative Neurology, 1994, 342, 571-595.	0.9	147
56	The organization of the embronic and early postnatal murine hippocampus. II. Development of entorhinal, commissural, and septal connections studied with the lipophilic tracer DiI. Journal of Comparative Neurology, 1994, 344, 101-120.	0.9	175
57	Mossy cells of the rat fascia dentata are glutamate-immunoreactive. Hippocampus, 1994, 4, 65-69.	0.9	140
58	Spiny nonpyramidal neurons in the CA3 region of the rat hippocampus are glutamate-like immunoreactive and receive convergent mossy fiber input. Journal of Comparative Neurology, 1993, 333, 435-448.	0.9	56
59	GABAergic innervation of the rat fascia dentata: A novel type of interneuron in the granule cell layer with extensive axonal arborization in the molecular layer. Journal of Comparative Neurology, 1993, 334, 385-396.	0.9	67
60	Chandelier cells in the hippocampal formation of the rat: The entorhinal area and subicular complex. Journal of Comparative Neurology, 1993, 337, 151-167.	0.9	32
61	Axo-axonic chandelier cells in the rat fascia dentata: Golgi-electron microscopy and immunocytochemical studies. Journal of Comparative Neurology, 1990, 293, 1-25.	0.9	163