

# Eduardo Soriano GarcÃ-a

## List of Publications by Year in descending order

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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	A role for Cajal's Retzius cells and reelin in the development of hippocampal connections. <i>Nature</i> , 1997, 385, 70-74.	13.7	442
2	The organization of the embryonic and early postnatal murine hippocampus. II. Development of entorhinal, commissural, and septal connections studied with the lipophilic tracer Dil. <i>Journal of Comparative Neurology</i> , 1994, 344, 101-120.	0.9	175
3	Axo-axonic chandelier cells in the rat fascia dentata: Golgi-electron microscopy and immunocytochemical studies. <i>Journal of Comparative Neurology</i> , 1990, 293, 1-25.	0.9	163
4	Non-centrosomal nucleation mediated by augmin organizes microtubules in post-mitotic neurons and controls axonal microtubule polarity. <i>Nature Communications</i> , 2016, 7, 12187.	5.8	153
5	Organization of the embryonic and early postnatal murine hippocampus. I. Immunocytochemical characterization of neuronal populations in the subplate and marginal zone. <i>Journal of Comparative Neurology</i> , 1994, 342, 571-595.	0.9	147
6	Mossy cells of the rat fascia dentata are glutamate-immunoreactive. <i>Hippocampus</i> , 1994, 4, 65-69.	0.9	140
7	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. <i>Cerebral Cortex</i> , 2000, 10, 784-801.	1.6	125
8	MAP1B Is Required for Netrin 1 Signaling in Neuronal Migration and Axonal Guidance. <i>Current Biology</i> , 2004, 14, 840-850.	1.8	121
9	The early development of thalamocortical and corticothalamic projections in the mouse. <i>Anatomy and Embryology</i> , 2000, 201, 169-179.	1.5	115
10	Reelin delays amyloid-beta fibril formation and rescues cognitive deficits in a model of Alzheimer's disease. <i>Nature Communications</i> , 2014, 5, 3443.	5.8	108
11	Development of cairetinin immunoreactivity in the neocortex of the rat. <i>Journal of Comparative Neurology</i> , 1995, 361, 177-192.	0.9	103
12	Neural ECM molecules in synaptic plasticity, learning, and memory. <i>Progress in Brain Research</i> , 2014, 214, 53-80.	0.9	75
13	Alu-splice cloning of human Intersectin (ITSN), a putative multivalent binding protein expressed in proliferating and differentiating neurons and overexpressed in Down syndrome. <i>European Journal of Human Genetics</i> , 1999, 7, 704-712.	1.4	74
14	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. <i>Journal of Comparative Neurology</i> , 1993, 334, 385-396.	0.9	67
15	FIB/SEM technology and high-throughput 3D reconstruction of dendritic spines and synapses in GFP-labeled adult-generated neurons. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 60.	0.9	66
16	A Signaling Mechanism Coupling Netrin-1/Deleted in Colorectal Cancer Chemoattraction to SNARE-Mediated Exocytosis in Axonal Growth Cones. <i>Journal of Neuroscience</i> , 2011, 31, 14463-14480.	1.7	59
17	Spiny nonpyramidal neurons in the CA3 region of the rat hippocampus are glutamate-like immunoreactive and receive convergent mossy fiber input. <i>Journal of Comparative Neurology</i> , 1993, 333, 435-448.	0.9	56
18	Reelin Regulates the Maturation of Dendritic Spines, Synaptogenesis and Glial Ensheathment of Newborn Granule Cells. <i>Cerebral Cortex</i> , 2016, 26, 4282-4298.	1.6	53

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19	The GABAergic Septohippocampal Pathway Is Directly Involved in Internal Processes Related to Operant Reward Learning. <i>Cerebral Cortex</i> , 2014, 24, 2093-2107.	1.6	45
20	Thalamic and Basal Forebrain Afferents Modulate the Development of Parvalbumin and Calbindin D28k Immunoreactivity in the Barrel Cortex of the Rat. <i>European Journal of Neuroscience</i> , 1996, 8, 1522-1534.	1.2	42
21	Somatic Signature of Brain-Specific Single Nucleotide Variations in Sporadic Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 1357-1382.	1.2	38
22	Cholesterol Depletion Regulates Axonal Growth and Enhances Central and Peripheral Nerve Regeneration. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 40.	1.8	37
23	NCAM2 Regulates Dendritic and Axonal Differentiation through the Cytoskeletal Proteins MAP2 and 14-3-3. <i>Cerebral Cortex</i> , 2020, 30, 3781-3799.	1.6	33
24	Chandelier cells in the hippocampal formation of the rat: The entorhinal area and subicular complex. <i>Journal of Comparative Neurology</i> , 1993, 337, 151-167.	0.9	32
25	The GABAergic septohippocampal connection is impaired in a mouse model of tauopathy. <i>Neurobiology of Aging</i> , 2017, 49, 40-51.	1.5	30
26	Blockade of the SNARE Protein Syntaxin 1 Inhibits Glioblastoma Tumor Growth. <i>PLoS ONE</i> , 2015, 10, e0119707.	1.1	30
27	NeuroEPO Preserves Neurons from Glutamate-Induced Excitotoxicity. <i>Journal of Alzheimer's Disease</i> , 2018, 65, 1469-1483.	1.2	29
28	NEK7 regulates dendrite morphogenesis in neurons via Eg5-dependent microtubule stabilization. <i>Nature Communications</i> , 2018, 9, 2330.	5.8	29
29	Syntaxin 1 is required for DCC/Netrin-dependent chemoattraction of migrating neurons from the lower rhombic lip. <i>European Journal of Neuroscience</i> , 2012, 36, 3152-3164.	1.2	26
30	Regulation of Patterned Dynamics of Local Exocytosis in Growth Cones by Netrin-1. <i>Journal of Neuroscience</i> , 2015, 35, 5156-5170.	1.7	26
31	Reelin reverts biochemical, physiological and cognitive alterations in mouse models of Tauopathy. <i>Progress in Neurobiology</i> , 2020, 186, 101743.	2.8	26
32	Comprehensive identification of somatic nucleotide variants in human brain tissue. <i>Genome Biology</i> , 2021, 22, 92.	3.8	26
33	The Non-Canonical Wnt/PKC Pathway Regulates Mitochondrial Dynamics through Degradation of the Arm-Like Domain-Containing Protein Alex3. <i>PLoS ONE</i> , 2013, 8, e67773.	1.1	25
34	Regional variability and postsynaptic targets of chandelier cells in the hippocampal formation of the rat. <i>Journal of Comparative Neurology</i> , 1996, 376, 28-44.	0.9	24
35	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
36	Endogenous protein kinase A inhibitor (PKI?) modulates synaptic activity. , 1998, 53, 269-278.		19

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37	Transient Downregulation of Dab1 Protein Levels during Development Leads to Behavioral and Structural Deficits: Relevance for Psychiatric Disorders. <i>Neuropsychopharmacology</i> , 2014, 39, 556-568.	2.8	19
38	MDMA impairs mitochondrial neuronal trafficking in a Tau- and Mitofusin2/Drp1-dependent manner. <i>Archives of Toxicology</i> , 2014, 88, 1561-1572.	1.9	18
39	New functions of Semaphorin 3E and its receptor PlexinD1 during developing and adult hippocampal formation. <i>Scientific Reports</i> , 2018, 8, 1381.	1.6	18
40	The Hidden Side of NCAM Family: NCAM2, a Key Cytoskeleton Organization Molecule Regulating Multiple Neural Functions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10021.	1.8	18
41	FAIM-L regulation of XIAP degradation modulates Synaptic Long-Term Depression and Axon Degeneration. <i>Scientific Reports</i> , 2016, 6, 35775.	1.6	17
42	Reversible silencing of endogenous receptors in intact brain tissue using 2-photon pharmacology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13680-13689.	3.3	17
43	Differential accumulation of Tau phosphorylated at residues Thr231, Ser262 and Thr205 in hippocampal interneurons and its modulation by Tau mutations (VLW) and amyloid- $\beta$ peptide. <i>Neurobiology of Disease</i> , 2019, 125, 232-244.	2.1	17
44	SNARE complex in axonal guidance and neuroregeneration. <i>Neural Regeneration Research</i> , 2018, 13, 386.	1.6	17
45	SNARE proteins play a role in motor axon guidance in vertebrates and invertebrates. <i>Developmental Neurobiology</i> , 2017, 77, 963-974.	1.5	14
46	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
47	A conserved role for Syntaxin-1 in pre- and post-commissural midline axonal guidance in fly, chick, and mouse. <i>PLoS Genetics</i> , 2018, 14, e1007432.	1.5	10
48	Characterization of an eutherian gene cluster generated after transposon domestication identifies Bex3 as relevant for advanced neurological functions. <i>Genome Biology</i> , 2020, 21, 267.	3.8	10
49	Growth cone repulsion to Netrin-1 depends on lipid raft microdomains enriched in UNC5 receptors. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 2797-2820.	2.4	9
50	ARMCX3 Mediates Susceptibility to Hepatic Tumorigenesis Promoted by Dietary Lipotoxicity. <i>Cancers</i> , 2021, 13, 1110.	1.7	7
51	Syntaxin-1/TI-VAMP SNAREs interact with Trk receptors and are required for neurotrophin-dependent outgrowth. <i>Oncotarget</i> , 2018, 9, 35922-35940.	0.8	7
52	Variations in brain DNA. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 323.	1.7	6
53	New Partners Identified by Mass Spectrometry Assay Reveal Functions of NCAM2 in Neural Cytoskeleton Organization. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7404.	1.8	6
54	Similarities and Differences between Exome Sequences Found in a Variety of Tissues from the Same Individual. <i>PLoS ONE</i> , 2014, 9, e101412.	1.1	6

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55	Helios modulates the maturation of a CA1 neuronal subpopulation required for spatial memory formation. <i>Experimental Neurology</i> , 2020, 323, 113095.	2.0	4
56	Nystatin Regulates Axonal Extension and Regeneration by Modifying the Levels of Nitric Oxide. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 56.	1.4	4
57	One Raft to Guide Them All, and in Axon Regeneration Inhibit Them. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5009.	1.8	4
58	Placenta-Specific Expression of the Rat Growth Hormone-Releasing Hormone Gene Promoter in Transgenic Mice. <i>Endocrinology</i> , 1997, 138, 3222-3227.	1.4	4
59	Identification of novel Ack1-interacting proteins and Ack1 phosphorylated sites in mouse brain by mass spectrometry. <i>Oncotarget</i> , 2017, 8, 101146-101157.	0.8	3
60	New partners and phosphorylation sites of focal adhesion kinase identified by mass spectrometry. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1388-1394.	1.1	2
61	Functional protection in J20/VLW mice: a model of non-demented with Alzheimer's disease neuropathology. <i>Brain</i> , 2022, 145, 729-743.	3.7	2