Rodrigo Suarez

List of Publications by Year
in descending order

28 papers	768 citations	687363 13 h-index	580821 25 g-index
32 all docs	32 docs citations	32 times ranked	974 citing authors

#	Article	IF	Citations
1	Divergent evolution of developmental timing in the neocortex revealed by marsupial and eutherian transcriptomes. Development (Cambridge), 2022, , .	2.5	7
2	Evolution of Developmental Timing as a Driving Force of Brain Diversity. Brain, Behavior and Evolution, 2022, 97, 3-7.	1.7	2
3	DCC regulates astroglial development essential for telencephalic morphogenesis and corpus callosum formation. ELife, 2021, 10, .	6.0	5
4	Bilateral visual projections exist in non-teleost bony fish and predate the emergence of tetrapods. Science, 2021, 372, 150-156.	12.6	11
5	DRAXIN regulates interhemispheric fissure remodelling to influence the extent of corpus callosum formation. ELife, 2021, 10, .	6.0	10
6	The evolution, formation and connectivity of the anterior commissure. Seminars in Cell and Developmental Biology, 2021, 118, 50-59.	5.0	12
7	In search of common developmental and evolutionary origin of the claustrum and subplate. Journal of Comparative Neurology, 2020, 528, 2956-2977.	1.6	51
8	Differential timing of a conserved transcriptional network underlies divergent cortical projection routes across mammalian brain evolution. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10554-10564.	7.1	31
9	Shared and differential features of Robo3 expression pattern in amniotes. Journal of Comparative Neurology, 2019, 527, 2009-2029.	1.6	13
10	Multiple events of gene manipulation via in pouch electroporation in a marsupial model of mammalian forebrain development. Journal of Neuroscience Methods, 2018, 293, 45-52.	2.5	14
11	A pan-mammalian map of interhemispheric brain connections predates the evolution of the corpus callosum. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9622-9627.	7.1	61
12	Transcriptional control of long-range cortical projections. Current Opinion in Neurobiology, 2018, 53, 57-65.	4.2	27
13	Astroglial-mediated remodeling of the interhemispheric midline during telencephalic development is exclusive to eutherian mammals. Neural Development, 2017, 12, 9.	2.4	10
14	The anatomy, organisation and development of contralateral callosal projections of the mouse somatosensory cortex. Brain and Neuroscience Advances, 2017, 1, 239821281769488.	3.4	30
15	Development of body, head and brain features in the Australian fat-tailed dunnart (Sminthopsis) Tj ETQq1 1 0.784314 rgBT /Overlock 1 e0184450.	2.5	19
16	Evolution of Telencephalic Commissures: Conservation and Change ofÂDevelopmental Systems in the Origin of Brain Wiring Novelties. , 2017, , 205-223.		6
17	Astroglial-Mediated Remodeling of the Interhemispheric Midline Is Required for the Formation of the Corpus Callosum. Cell Reports, 2016, 17, 735-747.	6.4	64
18	Evolution and development of interhemispheric connections in the vertebrate forebrain. Frontiers in Human Neuroscience, 2014, 8, 497.	2.0	149

#	Article	IF	Citations
19	Balanced Interhemispheric Cortical Activity Is Required for Correct Targeting of the Corpus Callosum. Neuron, 2014, 82, 1289-1298.	8.1	106
20	Cognitive Ecology in Hummingbirds: The Role of Sexual Dimorphism and Its Anatomical Correlates on Memory. PLoS ONE, 2014, 9, e90165.	2.5	20
21	Thalamic Afferents and Neocortical Arealization: An Ongoing Journey. Journal of Neuroscience, 2013, 33, 13938-13939.	3.6	0
22	Mutual influences between the main olfactory and vomeronasal systems in development and evolution. Frontiers in Neuroanatomy, 2012, 6, 50.	1.7	42
23	Deterioration of the GÎ±o Vomeronasal Pathway in Sexually Dimorphic Mammals. PLoS ONE, 2011, 6, e26436.	2.5	26
24	Shared and differential traits in the accessory olfactory bulb of caviomorph rodents with particular reference to the semiaquatic capybara. Journal of Anatomy, 2011, 218, 558-565.	1.5	14
25	Molecular Switches in the Development and Fate Specification of Vomeronasal Neurons. Journal of Neuroscience, 2011, 31, 17761-17763.	3.6	5
26	Transposition and Intermingling of GÎ±i2 and GÎ±o Afferences into Single Vomeronasal Glomeruli in the Madagascan Lesser Tenrec Echinops telfairi. PLoS ONE, 2009, 4, e8005.	2.5	10
27	Heterogeneities of size and sexual dimorphism between the subdomains of the lateral-innervated accessory olfactory bulb (AOB) of Octodon degus (Rodentia: Hystricognathi). Behavioural Brain Research, 2009, 198, 306-312.	2.2	22
28	Undergraduate teaching of evolution in chile: more than natural selection. Revista Chilena De Historia Natural, 2005, 78, .	1.2	0