

Rodrigo Suarez

List of Publications by Year in descending order

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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	Evolution and development of interhemispheric connections in the vertebrate forebrain. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 497.	2.0	149
2	Balanced Interhemispheric Cortical Activity Is Required for Correct Targeting of the Corpus Callosum. <i>Neuron</i> , 2014, 82, 1289-1298.	8.1	106
3	Astroglial-Mediated Remodeling of the Interhemispheric Midline Is Required for the Formation of the Corpus Callosum. <i>Cell Reports</i> , 2016, 17, 735-747.	6.4	64
4	A pan-mammalian map of interhemispheric brain connections predates the evolution of the corpus callosum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9622-9627.	7.1	61
5	In search of common developmental and evolutionary origin of the claustrum and subplate. <i>Journal of Comparative Neurology</i> , 2020, 528, 2956-2977.	1.6	51
6	Mutual influences between the main olfactory and vomeronasal systems in development and evolution. <i>Frontiers in Neuroanatomy</i> , 2012, 6, 50.	1.7	42
7	Differential timing of a conserved transcriptional network underlies divergent cortical projection routes across mammalian brain evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10554-10564.	7.1	31
8	The anatomy, organisation and development of contralateral callosal projections of the mouse somatosensory cortex. <i>Brain and Neuroscience Advances</i> , 2017, 1, 239821281769488.	3.4	30
9	Transcriptional control of long-range cortical projections. <i>Current Opinion in Neurobiology</i> , 2018, 53, 57-65.	4.2	27
10	Deterioration of the $\text{G}\hat{\alpha}$ Vomeronasal Pathway in Sexually Dimorphic Mammals. <i>PLoS ONE</i> , 2011, 6, e26436.	2.5	26
11	Heterogeneities of size and sexual dimorphism between the subdomains of the lateral-innervated accessory olfactory bulb (AOB) of <i>Octodon degus</i> (Rodentia: Hystricognathi). <i>Behavioural Brain Research</i> , 2009, 198, 306-312.	2.2	22
12	Cognitive Ecology in Hummingbirds: The Role of Sexual Dimorphism and Its Anatomical Correlates on Memory. <i>PLoS ONE</i> , 2014, 9, e90165.	2.5	20
13	Development of body, head and brain features in the Australian fat-tailed dunnart (<i>Sminthopsis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock e0184450.	2.5	19
14	Shared and differential traits in the accessory olfactory bulb of caviomorph rodents with particular reference to the semiaquatic capybara. <i>Journal of Anatomy</i> , 2011, 218, 558-565.	1.5	14
15	Multiple events of gene manipulation via in pouch electroporation in a marsupial model of mammalian forebrain development. <i>Journal of Neuroscience Methods</i> , 2018, 293, 45-52.	2.5	14
16	Shared and differential features of Robo3 expression pattern in amniotes. <i>Journal of Comparative Neurology</i> , 2019, 527, 2009-2029.	1.6	13
17	The evolution, formation and connectivity of the anterior commissure. <i>Seminars in Cell and Developmental Biology</i> , 2021, 118, 50-59.	5.0	12
18	Bilateral visual projections exist in non-teleost bony fish and predate the emergence of tetrapods. <i>Science</i> , 2021, 372, 150-156.	12.6	11

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19	Transposition and Intermingling of $G\hat{\pm}i2$ and $G\hat{\pm}o$ Afferences into Single Vomeronasal Glomeruli in the Madagascan Lesser Tenrec <i>Echinops telfairi</i> . PLoS ONE, 2009, 4, e8005.	2.5	10
20	Astroglial-mediated remodeling of the interhemispheric midline during telencephalic development is exclusive to eutherian mammals. Neural Development, 2017, 12, 9.	2.4	10
21	DRAXIN regulates interhemispheric fissure remodelling to influence the extent of corpus callosum formation. ELife, 2021, 10, .	6.0	10
22	Divergent evolution of developmental timing in the neocortex revealed by marsupial and eutherian transcriptomes. Development (Cambridge), 2022, , .	2.5	7
23	Evolution of Telencephalic Commissures: Conservation and Change of Developmental Systems in the Origin of Brain Wiring Novelties. , 2017, , 205-223.		6
24	Molecular Switches in the Development and Fate Specification of Vomeronasal Neurons. Journal of Neuroscience, 2011, 31, 17761-17763.	3.6	5
25	DCC regulates astroglial development essential for telencephalic morphogenesis and corpus callosum formation. ELife, 2021, 10, .	6.0	5
26	Evolution of Developmental Timing as a Driving Force of Brain Diversity. Brain, Behavior and Evolution, 2022, 97, 3-7.	1.7	2
27	Thalamic Afferents and Neocortical Arealization: An Ongoing Journey. Journal of Neuroscience, 2013, 33, 13938-13939.	3.6	0
28	Undergraduate teaching of evolution in chile: more than natural selection. Revista Chilena De Historia Natural, 2005, 78, .	1.2	0