

# The influence of James and Darwin on Cajal and his research on the evolution of the nervous system

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Spike Detection for Large Neural Populations Using High Density Multielectrode Arrays. <i>Frontiers in Neuroinformatics</i> , 2015, 9, 28.	1.3	48
2	Insights into the segmental identity of post-oral commissures and pharyngeal nerves in <i>Onychophora</i> based on retrograde fills. <i>BMC Neuroscience</i> , 2015, 16, 53.	0.8	10
3	A role for the outer retina in development of the intrinsic pupillary light reflex in mice. <i>Neuroscience</i> , 2015, 286, 60-78.	1.1	24
4	Involvement of the dorsomedial prefrontal cortex in high-fat food conditioning in adolescent mice. <i>Behavioural Brain Research</i> , 2015, 283, 227-232.	1.2	11
5	SrGAP3 knockout mice display enlarged lateral ventricles and specific cilia disturbances of ependymal cells in the third ventricle. <i>Cell and Tissue Research</i> , 2015, 361, 645-650.	1.5	11
6	Merging advanced technologies with classical methods to uncover dendritic spine dynamics: A hot spot of synaptic plasticity. <i>Neuroscience Research</i> , 2015, 96, 1-13.	1.0	12
7	<i>Onychophora</i> , 2015, , 53-98.		28
8	Automated analysis of spine dynamics on live CA1 pyramidal cells. <i>Medical Image Analysis</i> , 2015, 19, 87-97.	7.0	18
9	High-Degree Neurons Feed Cortical Computations. <i>PLoS Computational Biology</i> , 2016, 12, e1004858.	1.5	78
10	Chemical anatomy of pallidal afferents in primates. <i>Brain Structure and Function</i> , 2016, 221, 4291-4317.	1.2	24
11	The novel nonapeptide acein targets angiotensin converting enzyme in the brain and induces dopamine release. <i>British Journal of Pharmacology</i> , 2016, 173, 1314-1328.	2.7	9
12	Factors That Modulate Neurogenesis: A Top-Down Approach. <i>Brain, Behavior and Evolution</i> , 2016, 87, 184-190.	0.9	6
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14	Morphological and behavioral characterization of adult mice deficient for SrGAP3. <i>Cell and Tissue Research</i> , 2016, 366, 1-11.	1.5	16
15	Characterizations of a synthetic pituitary adenylate cyclase-activating polypeptide analog displaying potent neuroprotective activity and reduced in vivo cardiovascular side effects in a Parkinson's disease model. <i>Neuropharmacology</i> , 2016, 108, 440-450.	2.0	44
16	Copackaged AAV9 Vectors Promote Simultaneous Immune Tolerance and Phenotypic Correction of Pompe Disease. <i>Human Gene Therapy</i> , 2016, 27, 43-59.	1.4	44
17	Relationship between matrix metalloproteinase-9 and oxidative stress in drug-free male schizophrenia: a case control study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, 447-52.	1.4	43
18	Decoding astrocyte heterogeneity: New tools for clonal analysis. <i>Neuroscience</i> , 2016, 323, 10-19.	1.1	31

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19	The effects of incubation temperature on the development of the cortical forebrain in a lizard. <i>Animal Cognition</i> , 2017, 20, 117-125.	0.9	30
20	Cellular Scaling Rules for the Brains of Marsupials: Not as "Primitive" as Expected. <i>Brain, Behavior and Evolution</i> , 2017, 89, 48-63.	0.9	1,761
21	Assessing segmental versus non-segmental features in the ventral nervous system of onychophorans (velvet worms). <i>BMC Evolutionary Biology</i> , 2017, 17, 3.	3.2	18
22	Implications of neurovascular uncoupling in functional magnetic resonance imaging (fMRI) of brain tumors. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3475-3487.	2.4	77
23	Single cell transcriptome profiling of developing chick retinal cells. <i>Journal of Comparative Neurology</i> , 2017, 525, 2735-2781.	0.9	25
24	The nervous and visual systems of onychophorans and tardigrades: learning about arthropod evolution from their closest relatives. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2017, 203, 565-590.	0.7	29
25	Altered functional efficacy of hippocampal interneuron during epileptogenesis following febrile seizures. <i>Brain Research Bulletin</i> , 2017, 131, 25-38.	1.4	13
26	Optimized CLARITY technique detects reduced parvalbumin density in a genetic model of schizophrenia. <i>Journal of Neuroscience Methods</i> , 2017, 283, 23-32.	1.3	13
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29	Paraventricular thalamus: Gateway to feeding, appetitive motivation, and drug addiction. <i>Progress in Brain Research</i> , 2017, 235, 113-137.	0.9	101
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39	The Accessory Olfactory System†. , 2017, , .		0
40	Glutamate receptors of the A5 region modulate cardiovascular responses evoked from the dorsomedial hypothalamic nucleus and perifornical area. <i>Journal of Physiology and Biochemistry</i> , 2018, 74, 325-334.	1.3	11
41	History of plastic surgery: Art, philosophy, and rhinoplasty. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2018, 71, 1086-1092.	0.5	10
42	Calcium-binding proteins expression in the septum and cingulate cortex of the adult guinea pig. <i>Annals of Anatomy</i> , 2018, 215, 30-39.	1.0	10
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52	The basic repeating modules of the cerebral cortical circuit. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2019, 95, 303-311.	1.6	10
53	Cholinergic Differentiation of Human Neuroblastoma SH-SY5Y Cell Line and Its Potential Use as an In vitro Model for Alzheimer's Disease Studies. <i>Molecular Neurobiology</i> , 2019, 56, 7355-7367.	1.9	118
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61	Altered trajectories of neurodevelopment and behavior in mouse models of Rett syndrome. <i>Neurobiology of Learning and Memory</i> , 2019, 165, 106962.	1.0	9
62	Social isolation impairs active avoidance performance and decreases neurogenesis in the dorsomedial telencephalon of rainbow trout. <i>Physiology and Behavior</i> , 2019, 198, 1-10.	1.0	11
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109	Morphological Changes in GABAergic Structures of the Rat Brain during Postnatal Development. <i>Neurochemical Journal</i> , 2022, 16, 58-67.	0.2	0
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