Cristovam Diniz

List of Publications by Year
in descending order

97	1,974	257450 24	302126 39
papers	citations	h-index	g-index

107	107	107	1953
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Plasticity in the hippocampal formation of shorebirds during the wintering period: Stereological analysis of parvalbumin neurons in Actitis macularius. Learning and Behavior, 2022, 50, 45-54.	1.0	3
2	Behavioral and Neuropathological Changes After Toxoplasma gondii Ocular Conjunctival Infection in BALB/c Mice. Frontiers in Cellular and Infection Microbiology, 2022, 12, 812152.	3.9	1
3	The Sedentary Lifestyle and Masticatory Dysfunction: Time to Review the Contribution to Age-Associated Cognitive Decline and Astrocyte Morphotypes in the Dentate Gyrus. International Journal of Molecular Sciences, 2022, 23, 6342.	4.1	2
4	Contrasting migratory journeys and changes in hippocampal astrocyte morphology in shorebirds. European Journal of Neuroscience, 2021, 54, 5687-5704.	2.6	9
5	Lateral septum microglial changes and behavioral abnormalities of mice exposed to valproic acid during the prenatal period. Journal of Chemical Neuroanatomy, 2021, 111, 101875.	2.1	2
6	BALB/c female subjected to valproic acid during gestational period exhibited greater microglial and behavioral changes than male mice: A significant contra intuitive result. International Journal of Developmental Neuroscience, 2021, 81, 37-50.	1.6	6
7	Dual-Task Exercise to Improve Cognition and Functional Capacity of Healthy Older Adults. Frontiers in Aging Neuroscience, 2021, 13, 589299.	3.4	31
8	Sedentary Life and Reduced Mastication Impair Spatial Learning and Memory and Differentially Affect Dentate Gyrus Astrocyte Subtypes in the Aged Mice. Frontiers in Neuroscience, 2021, 15, 632216.	2.8	5
9	Microglial Morphology Across Distantly Related Species: Phylogenetic, Environmental and Age Influences on Microglia Reactivity and Surveillance States. Frontiers in Immunology, 2021, 12, 683026.	4.8	12
10	Microglial Metamorphosis in Three Dimensions in Virus Limbic Encephalitis: An Unbiased Pictorial Representation Based on a Stereological Sampling Approach of Surveillant and Reactive Microglia. Brain Sciences, 2021, 11, 1009.	2.3	1
11	Limbic Encephalitis Brain Damage Induced by Cocal Virus in Adult Mice Is Reduced by Environmental Enrichment: Neuropathological and Behavioral Studies. Viruses, 2021, 13, 48.	3.3	2
12	Unwanted Exacerbation of the Immune Response in Neurodegenerative Disease: A Time to Review the Impact. Frontiers in Cellular Neuroscience, 2021, 15, 749595.	3.7	1
13	Longâ€term environmental enrichment reduces microglia morphological diversity of the molecular layer of dentate gyrus. European Journal of Neuroscience, 2020, 52, 4081-4099.	2.6	13
14	Changes in hippocampal astrocyte morphology of Ruddy turnstone (Arenaria interpres) during the wintering period at the mangroves of Amazon River estuary. Journal of Chemical Neuroanatomy, 2020, 108, 101805.	2.1	3
15	Environmental enrichment increases the number of telencephalic but not tectal cells of angelfish (Pterophyllum scalare): an exploratory investigation using optical fractionator. Environmental Biology of Fishes, 2020, 103, 847-857.	1.0	4
16	Environmental Enrichment Improved Learning and Memory, Increased Telencephalic Cell Proliferation, and Induced Differential Gene Expression in Colossoma macropomum. Frontiers in Pharmacology, 2020, 11, 840.	3.5	11
17	Early and late neuropathological features of meningoencephalitis associated with Maraba virus infection. Brazilian Journal of Medical and Biological Research, 2020, 53, e8604.	1.5	1
18	Stereological Analysis of Early Gene Expression Using Egr-1 Immunolabeling After Spreading Depression in the Rat Somatosensory Cortex. Frontiers in Neuroscience, 2019, 13, 1020.	2.8	7

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19	Differential Change in Hippocampal Radial Astrocytes and Neurogenesis in Shorebirds With Contrasting Migratory Routes. Frontiers in Neuroanatomy, 2019, 13, 82.	1.7	7
20	Small-scale environmental enrichment and exercise enhance learning and spatial memory of Carassius auratus, and increase cell proliferation in the telencephalon: an exploratory study. Brazilian Journal of Medical and Biological Research, 2019, 52, e8026.	1.5	17
21	Environmental Impoverishment, Aging, and Reduction in Mastication Affect Mouse Innate Repertoire to Explore Novel Environments and to Assess Risk. Frontiers in Neuroscience, 2019, 13, 107.	2.8	6
22	WATER-BASED EXERCISE AND RESISTANCE TRAINING IMPROVE COGNITION IN OLDER ADULTS. Revista Brasileira De Medicina Do Esporte, 2019, 25, 71-75.	0.2	7
23	Differential Microglial Morphological Response, TNFÎ±, and Viral Load in Sedentary-like and Active Murine Models After Systemic Non-neurotropic Dengue Virus Infection. Journal of Histochemistry and Cytochemistry, 2019, 67, 419-439.	2.5	13
24	The subtleties of cognitive decline in multiple sclerosis: an exploratory study using hierarchichal cluster analysis of CANTAB results. BMC Neurology, 2018, 18, 140.	1.8	8
25	Granulocyte macrophage colony-stimulating factor alone reduces Toxoplasma gondii replication in microglial culture by superoxide and nitric oxide, without IFN-Î³ production: a preliminary report. Microbes and Infection, 2018, 20, 385-390.	1.9	6
26	The Organization and Connections of Second Somatosensory Cortex in the Agouti. Frontiers in Neuroanatomy, 2018, 12, 118.	1.7	6
27	Age and Environment Influences on Mouse Prion Disease Progression: Behavioral Changes and Morphometry and Stereology of Hippocampal Astrocytes. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-18.	4.0	8
28	Influence of schooling and age on cognitive performance in healthy older adults. Brazilian Journal of Medical and Biological Research, 2017, 50, e5892.	1.5	29
29	Hippocampal Astrocytes in Migrating and Wintering Semipalmated Sandpiper Calidris pusilla. Frontiers in Neuroanatomy, 2017, 11, 126.	1.7	20
30	Hippocampal neurogenesis and volume in migrating and wintering semipalmated sandpipers (Calidris) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.5	17
31	Microglia and neurons in the hippocampus of migratory sandpipers. Brazilian Journal of Medical and Biological Research, 2016, 49, e5005.	1.5	20
32	Morphometric analysis of feedforward pathways from the primary somatosensory area (S1) of rats. Brazilian Journal of Medical and Biological Research, 2016, 49, e5115.	1.5	0
33	Virus Infections on Prion Diseased Mice Exacerbate Inflammatory Microglial Response. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-12.	4.0	8
34	Hierarchical Cluster Analysis of Three-Dimensional Reconstructions of Unbiased Sampled Microglia Shows not Continuous Morphological Changes from Stage 1 to 2 after Multiple Dengue Infections in Callithrix penicillata. Frontiers in Neuroanatomy, 2016, 10, 23.	1.7	6
35	Antibodyâ€enhanced dengue disease generates a marked CNS inflammatory response in the blackâ€tufted marmoset Callithrix penicillata. Neuropathology, 2016, 36, 3-16.	1.2	9
36	Age, environment, object recognition and morphological diversity of GFAP-immunolabeled astrocytes. Behavioral and Brain Functions, 2016, 12, 28.	3.3	45

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37	CÃ£es domÃ©sticos predadores de ninho de batuÃra bicuda (Charadrius wilsonia) no nordeste brasileiro. Revista Da Biologia, 2016, 16, 24-27.	0.2	2
38	CANTAB object recognition and language tests to detect aging cognitive decline: an exploratory comparative study. Clinical Interventions in Aging, 2015, 10, 37.	2.9	34
39	Threeâ€dimensional morphometric analysis of microglial changes in a mouse model of virus encephalitis: age and environmental influences. European Journal of Neuroscience, 2015, 42, 2036-2050.	2.6	22
40	Beneficial effects of multisensory and cognitive stimulation in institutionalized elderly: 12-months follow-up. Clinical Interventions in Aging, 2015, 10, 1351.	2.9	16
41	Beneficial effects of multisensory and cognitive stimulation on age-related cognitive decline in long-term-care institutions. Clinical Interventions in Aging, 2014, 9, 309.	2.9	35
42	Topography and architecture of visual and somatosensory areas of the agouti. Journal of Comparative Neurology, 2014, 522, 2576-2593.	1.6	12
43	Visuospatial learning and memory in the Cebus apella and microglial morphology in the molecular layer of the dentate gyrus and CA1 lacunosum molecular layer. Journal of Chemical Neuroanatomy, 2014, 61-62, 176-188.	2.1	21
44	In vitrocytokines profile and ultrastructural changes of microglia and macrophages following interaction withLeishmania. Parasitology, 2014, 141, 1052-1063.	1.5	10
45	Enriched environment and masticatory activity rehabilitation recover spatial memory decline in aged mice. BMC Neuroscience, 2013, 14, 63.	1.9	24
46	Litter size, age-related memory impairments, and microglial changes in rat dentate gyrus: Stereological analysis and three dimensional morphometry. Neuroscience, 2013, 238, 280-296.	2.3	22
47	Aging and Environmental Enrichment Exacerbate Inflammatory Response on Antibody-Enhanced Dengue Disease in Immunocompetent Murine Model. European Journal of Inflammation, 2013, 11, 719-731.	0.5	6
48	Morphometric variability of nicotinamide adenine dinucleotide phosphate diaphorase neurons in the primary sensory areas of the rat. Neuroscience, 2012, 205, 140-153.	2.3	26
49	Dendritic structure varies as a function of eccentricity in V1: A quantitative study of NADPH diaphorase neurons in the diurnal South American rodent agouti, Dasyprocta prymnolopha. Neuroscience, 2012, 216, 94-102.	2.3	10
50	Spatial memory decline after masticatory deprivation and aging is associated with altered laminar distribution of CA1 astrocytes. BMC Neuroscience, 2012, 13, 23.	1.9	28
51	Dopaminergic cell populations of the rat substantia nigra are differentially affected by essential fatty acid dietary restriction over two generations. Journal of Chemical Neuroanatomy, 2012, 44, 66-75.	2.1	15
52	Differential vulnerability of substantia nigra and corpus striatum to oxidative insult induced by reduced dietary levels of essential fatty acids. Frontiers in Human Neuroscience, 2012, 6, 249.	2.0	24
53	Environmental influences on antibody-enhanced dengue disease outcomes. Memorias Do Instituto Oswaldo Cruz, 2012, 107, 1021-1029.	1.6	7
54	Early behavioral changes and quantitative analysis of neuropathological features in murine prion disease. Prion, 2011, 5, 215-227.	1.8	6

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55	Influence of Enriched Environment on Viral Encephalitis Outcomes: Behavioral and Neuropathological Changes in Albino Swiss Mice. PLoS ONE, 2011, 6, e15597.	2.5	32
56	Single-pass measurement of the optical quality of the opossum eye.. Psychology and Neuroscience, 2011, 4, 7-9.	0.8	1
57	Cortical representation of the horizon in V1 and peripheral scaling in mammals with lateral eyes.. Psychology and Neuroscience, 2011, 4, 19-27.	0.8	6
58	Adult brain nitrergic activity after concomitant prenatal exposure to ethanol and methyl mercury. Acta Histochemica, 2010, 112, 583-591.	1.8	8
59	Morphological variability of NADPH diaphorase neurons across areas V1, V2, and V3 of the common agouti. Brain Research, 2010, 1318, 52-63.	2.2	10
60	Minocycline treatment reduces white matter damage after excitotoxic striatal injury. Brain Research, 2010, 1329, 182-193.	2.2	40
61	Environmental impoverishment and aging alter object recognition, spatial learning, and dentate gyrus astrocytes. European Journal of Neuroscience, 2010, 32, 509-519.	2.6	76
62	Hippocampus and dentate gyrus of the Cebus monkey: Architectonic and stereological study. Journal of Chemical Neuroanatomy, 2010, 40, 148-159.	2.1	5
63	S1 to S2 hind- and forelimb projections in the agouti somatosensory cortex: Axon fragments morphological analysis. Journal of Chemical Neuroanatomy, 2010, 40, 339-345.	2.1	8
64	Number and distribution of neurons in the retinal ganglion cell layer in relation to foraging behaviors of tyrant flycatchers. Journal of Comparative Neurology, 2009, 514, 66-73.	1.6	77
65	Diffuse Axonal Damage, Myelin Impairment, Astrocytosis and Inflammatory Response Following Microinjections of NMDA into The Rat Striatum. Inflammation, 2008, 31, 24-35.	3.8	20
66	Spatiotemporal distribution of proteoglycans in the developing rat's barrel field and the effects of early deafferentation. Journal of Comparative Neurology, 2008, 510, 145-157.	1.6	10
67	Inflammatory response and white matter damage after microinjections of endothelin-1 into the rat striatum. Brain Research, 2008, 1200, 78-88.	2.2	35
68	Three dimensional morphometric analyses of axon terminals early changes induced by methylmercury intoxication in the adult cat striate cortex. Brain Research, 2008, 1244, 155-163.	2.2	1
69	Histochemical characterization, distribution and morphometric analysis of NADPH diaphorase neurons in the spinal cord of the agouti. Frontiers in Neuroanatomy, 2008, 2, 2.	1.7	7
70	Early and Late Pathogenic Events of Newborn Mice Encephalitis Experimentally Induced by Itacaiunas and CurionÃ³polis Bracorhabdoviruses Infection. PLoS ONE, 2008, 3, e1733.	2.5	5
71	The Organizational Variability of the Rodent Somatosensory Cortex. Reviews in the Neurosciences, 2007, 18, 283-94.	2.9	24
72	Exercise and foodad libitumreduce the impact of early in life nutritional inbalances on nitrergic activity of hippocampus and striatum. Nutritional Neuroscience, 2007, 10, 215-228.	3.1	1

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73	Differential effects of methylmercury intoxication in the rat's barrel field as evidenced by NADPH diaphorase histochemistry. NeuroToxicology, 2007, 28, 175-181.	3.0	24
74	Callosal axon arbors in the limb representations of the somatosensory cortex (SI) in the agouti (Dasyprocta primnolopha). Journal of Comparative Neurology, 2007, 500, 255-266.	1.6	24
75	Differential patterns of inflammatory response, axonal damage and myelin impairment following excitotoxic or ischemic damage to the trigeminal spinal nucleus of adult rats. Brain Research, 2007, 1172, 130-144.	2.2	16
76	Neurotropism and neuropathological effects of selected rhabdoviruses on intranasally-infected newborn mice. Acta Tropica, 2006, 97, 126-139.	2.0	15
77	NADPH-diaphorase histochemical changes in the hippocampus, cerebellum and striatum are correlated with different modalities of exercise and watermaze performances. Experimental Brain Research, 2006, 175, 292-304.	1.5	20
78	l-arginine treatment early in life influences NADPH-diaphorase neurons in visual cortex of normal and early-malnourished adult rats. Brain Research, 2006, 1072, 19-25.	2.2	7
79	Specialization of pyramidal cell structure in the visual areas V1, V2 and V3 of the South American rodent, Dasyprocta primnolopha. Brain Research, 2006, 1106, 99-110.	2.2	35
80	Systematic analysis of axonal damage and inflammatory response in different white matter tracts of acutely injured rat spinal cord. Brain Research, 2005, 1066, 57-70.	2.2	43
81	Neuropil reactivity, distribution and morphology of NADPH diaphorase type I neurons in the barrel cortex of the adult mouse. Journal of Chemical Neuroanatomy, 2005, 30, 71-81.	2.1	24
82	NADPH-diaphorase Histochemical Labeling Patterns in the Hippocampal Neuropil and Visual Cortical Neurons in Weaned Rats Reared during Lactation on Different Litter Sizes. Nutritional Neuroscience, 2004, 7, 207-216.	3.1	15
83	Neuropil and neuronal changes in hippocampal NADPH-diaphorase histochemistry in the ME7 model of murine prion disease. Neuropathology and Applied Neurobiology, 2004, 30, 292-303.	3.2	11
84	Astrocytosis, microglia activation, oligodendrocyte degeneration, and pyknosis following acute spinal cord injury. Experimental Neurology, 2004, 190, 456-467.	4.1	74
85	A morphometric study of the progressive changes on NADPH diaphorase activity in the developing ratâ€™s barrel field. Neuroscience Research, 2004, 50, 55-66.	1.9	25
86	Os dilemas do desenvolvimento cientÃfico e tecnolÃ³gico brasileiro. Ciencia E Saude Coletiva, 2004, 9, 271-274.	0.5	2
87	Synaptic changes characterize early behavioural signs in the ME7 model of murine prion disease. European Journal of Neuroscience, 2003, 17, 2147-2155.	2.6	243
88	Computer-assisted morphometric analysis of intrinsic axon terminals in the supragranular layers of cat striate cortex. Anatomy and Embryology, 2002, 205, 291-300.	1.5	9
89	The barrel field of the adult mouse Sml cortex as revealed by NADPH-diaphorase histochemistry. NeuroReport, 2000, 11, 1889-1892.	1.2	24
90	Permanent and transitory morphometric changes of NADPH-diaphorase-containing neurons in the rat visual cortex after early malnutrition. Brain Research Bulletin, 2000, 53, 193-201.	3.0	26

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91	Effects of Methyl Mercury on thein VivoRelease of Dopamine and Its Acidic Metabolites DOPAC and HVA from Striatum of Rats. Ecotoxicology and Environmental Safety, 1997, 38, 95-98.	6.0	32
92	Late development of Zif268 ocular dominance columns in primary visual cortex of primates. Brain Research, 1996, 732, 237-241.	2.2	14
93	Contralateral visual field representation in area 17 of the cerebral cortex of the agouti: A comparison between the cortical magnification factor and retinal ganglion cell distribution. Neuroscience, 1991, 44, 325-333.	2.3	32
94	Displaced horizontal cells and biplexiform horizontal cells in the mammalian retina. Visual Neuroscience, 1989, 3, 483-488.	1.0	29
95	Distribution and size of ganglion cells in the retinae of large Amazon rodents. Visual Neuroscience, 1989, 2, 221-235.	1.0	52
96	Retinal ganglion cell distribution in the cebus monkey: A comparison with the cortical magnification factors. Vision Research, 1989, 29, 1471-1483.	1.4	91
97	Contrast sensitivity function and visual acuity of the opossum. Vision Research, 1982, 22, 1371-1377.	1.4	33