M Dulce C Madeira

List of Publications by Year
in descending order

91 papers	3,686 citations	159585 30 h-index	144013 57 g-index
91 all docs	91 docs citations	91 times ranked	3247 citing authors

#	Article	IF	Citations
1	Surgical anatomy of the radial nerve in the arm: a cadaver study. European Journal of Orthopaedic Surgery and Traumatology, 2021, 31, 1457-1462.	1.4	7
2	Effects of aging on the cholinergic innervation of the rat ventral tegmental area: A stereological study. Experimental Gerontology, 2021, 148, 111298.	2.8	3
3	Behavioral and brain morphological analysis of non-inflammatory and inflammatory rat models of preterm brain injury. Neurobiology of Learning and Memory, 2021, 185, 107540.	1.9	2
4	Effects of chronic alcohol consumption and withdrawal on the cholinergic neurons of the pedunculopontine and laterodorsal tegmental nuclei of the rat: An unbiased stereological study. NeuroToxicology, 2020, 76, 58-66.	3.0	6
5	Increased choroidal thickness is not a disease progression marker in keratoconus. Scientific Reports, 2020, 10, 19938.	3.3	13
6	Adhesive dentistry sensory stimulus technique as a neuromechanism for the treatment of orofacial pain associated to temporomandibular disorders: Case study. Journal of Oral Biology and Craniofacial Research, 2020, 10, 6-12.	1.9	2
7	Increased Choroidal Thickness in Keratoconus Patients: Perspectives in the Disease Pathophysiology. Journal of Ophthalmology, 2019, 2019, 1-7.	1.3	17
8	Chronic stress leads to long-lasting deficits in olfactory-guided behaviors, and to neuroplastic changes in the nucleus of the lateral olfactory tract. Hormones and Behavior, 2018, 98, 130-144.	2.1	14
9	Performance equivalency between computerâ€based and traditional penâ€andâ€paper assessment: A case study in clinical anatomy. Anatomical Sciences Education, 2018, 11, 124-136.	3.7	12
10	The integrity of the nucleus of the lateral olfactory tract is essential for the normal functioning of the olfactory system. Brain Structure and Function, 2017, 222, 3615-3637.	2.3	21
11	Rethinking Anatomy: How to Overcome Challenges of Medical Educationâ€™s Evolution. Acta Medica Portuguesa, 2017, 30, 134-140.	0.4	54
12	Age effects on the nucleus of the lateral olfactory tract of the rat. Journal of Comparative Neurology, 2016, 524, 759-771.	1.6	10
13	Effects of chronic alcohol consumption, withdrawal and nerve growth factor on neuropeptide Y expression and cholinergic innervation of the rat dentate hilus. NeuroToxicology, 2016, 54, 153-160.	3.0	10
14	Nerve growth factor-induced plasticity in medial prefrontal cortex interneurons of aged Wistar rats. Experimental Gerontology, 2016, 85, 59-70.	2.8	8
15	Induction and subcellular redistribution of progesterone receptor A and B by tamoxifen in the hypothalamic ventromedial neurons of young adult female Wistar rats. Molecular and Cellular Endocrinology, 2016, 420, 1-10.	3.2	7
16	Estrogen receptors Î± and Î² have different roles in the induction and trafficking of progesterone receptors in hypothalamic ventromedial neurons. FEBS Journal, 2015, 282, 1126-1136.	4.7	14
17	Effects of gonadal steroids and of estrogen receptor agonists on the expression of estrogen receptor alpha in the medial preoptic nucleus of female rats. Neuroscience, 2015, 310, 63-72.	2.3	11
18	Lesions of the laterodorsal tegmental nucleus alter the cholinergic innervation and neuropeptide Y expression in the medial prefrontal cortex and nucleus accumbens. Neuroscience, 2015, 284, 707-718.	2.3	8

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19	Role of plasma membrane estrogen receptors in mediating the estrogen induction of progesterone receptors in hypothalamic ventromedial neurons. Journal of Comparative Neurology, 2014, 522, 298-307.	1.6	12
20	Effects of sex steroids and estrogen receptor agonists on the expression of estrogen receptor alpha in the principal division of the bed nucleus of the stria terminalis of female rats. Brain Research, 2014, 1582, 99-106.	2.2	11
21	Chronic alcohol consumption leads to neurochemical changes in the nucleus accumbens that are not fully reversed by withdrawal. Neurotoxicology and Teratology, 2014, 44, 53-61.	2.4	26
22	Regulation of ERÎ± Protein Expression by 17Î²-Estradiol in Cultured Neurons of Hypothalamic Ventromedial Nucleus. Neurochemical Research, 2013, 38, 82-89.	3.3	12
23	Nerve growth factor retrieves neuropeptide Y and cholinergic immunoreactivity inÂthe nucleus accumbens of old rats. Neurobiology of Aging, 2013, 34, 1988-1995.	3.1	11
24	Role of estrogen receptor Î± and Î² in the induction of progesterone receptors in hypothalamic ventromedial neurons. Neuroscience, 2013, 238, 159-167.	2.3	23
25	Effects of chronic alcohol consumption and withdrawal on the response of the male and female hypothalamicâ€“pituitaryâ€“adrenal axis to acute immune stress. Brain Research, 2012, 1444, 27-37.	2.2	27
26	Sex Steroid Hormones Regulate the Expression of Growth-associated Protein 43, Microtubule-associated Protein 2, Synapsin 1 and Actin in the Ventromedial Nucleus of the Hypothalamus. Journal of Molecular Neuroscience, 2012, 46, 622-630.	2.3	2
27	Seizure-induced structural and functional changes in the rat hippocampal formation: Comparison between brief seizures and status epilepticus. Behavioural Brain Research, 2011, 225, 538-546.	2.2	35
28	Role of neural afferents as mediators of estrogen effects on the hypothalamic ventromedial nucleus. Brain Research, 2010, 1366, 60-70.	2.2	14
29	Sexually dimorphic response of the hypothalamoâ€“pituitaryâ€“adrenal axis to chronic alcohol consumption and withdrawal. Brain Research, 2009, 1303, 61-73.	2.2	25
30	Effects of estrogens and progesterone on the synaptic organization of the hypothalamic ventromedial nucleus. Neuroscience, 2009, 162, 307-316.	2.3	26
31	Loss of synapses in the entorhinalâ€dentate gyrus pathway following repeated induction of electroshock seizures in the rat. Journal of Neuroscience Research, 2008, 86, 71-83.	2.9	24
32	Retrosplenial granular b cortex in normal and epileptic rats: A stereological study. Brain Research, 2008, 1218, 206-214.	2.2	12
33	Dendritic right/left asymmetries in the neurons of the human hippocampal formation: a quantitative Golgi study. Arquivos De Neuro-Psiquiatria, 2007, 65, 1105-1113.	0.8	8
34	Estrogen modulates the sexually dimorphic synaptic connectivity of the ventromedial nucleus. Journal of Comparative Neurology, 2005, 484, 68-79.	1.6	27
35	Neuronal organelles and nuclear pores of hypothalamic ventromedial neurons are sexually dimorphic and change during the estrus cycle in the rat. Neuroscience, 2005, 133, 919-924.	2.3	16
36	The effects of nerve growth factor upon the neuropeptide content of the suprachiasmatic nucleus of rats withdrawn from ethanol are mediated by the nucleus basalis magnocellularis. Journal of Neurocytology, 2004, 33, 453-463.	1.5	6

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37	Dendritic changes in the hippocampal formation of AIDS patients: a quantitative Golgi study. Acta Neuropathologica, 2004, 107, 97-110.	7.7	71
38	Selective loss of hilar neurons and impairment of initial learning in rats after repeated administration of electroconvulsive shock seizures. Experimental Brain Research, 2004, 154, 192-200.	1.5	50
39	Basal forebrain neurons modulate the synthesis and expression of neuropeptides in the rat suprachiasmatic nucleus. Neuroscience, 2004, 125, 889-901.	2.3	34
40	NGF and NT-3 exert differential effects on the expression of neuropeptides in the suprachiasmatic nucleus of rats withdrawn from ethanol treatment. Brain Research, 2003, 983, 64-73.	2.2	18
41	Nerve growth factor prevents cell death and induces hypertrophy of basal forebrain cholinergic neurons in rats withdrawn from prolonged ethanol intake. Neuroscience, 2003, 119, 1055-1069.	2.3	38
42	Prolonged alcohol intake leads to irreversible loss of vasopressin and oxytocin neurons in the paraventricular nucleus of the hypothalamus. Brain Research, 2002, 925, 76-88.	2.2	85
43	Prolonged alcohol intake leads to reversible depression of corticotropin-releasing hormone and vasopressin immunoreactivity and mRNA levels in the parvocellular neurons of the paraventricular nucleus. Brain Research, 2002, 954, 82-93.	2.2	39
44	Differential effects of the aging process on the morphology of the hypothalamic ventromedial nucleus of male and female rats. Neuroscience Letters, 2001, 314, 73-76.	2.1	11
45	Influence of sex and estrus cycle on the sexual dimorphisms of the hypothalamic ventromedial nucleus: Stereological evaluation and golgi study. Journal of Comparative Neurology, 2001, 432, 329-345.	1.6	82
46	Nerve growth factor restores mRNA levels and the expression of neuropeptides in the suprachiasmatic nucleus of rats submitted to chronic ethanol treatment and withdrawal. Journal of Neurocytology, 2001, 30, 195-207.	1.5	22
47	Synaptic reorganization in the hippocampal formation of alcohol-fed rats may compensate for functional deficits related to neuronal loss. Alcohol, 2000, 20, 139-148.	1.7	51
48	Sexual dimorphism in the subiculum of the rat hippocampal formation. Brain Research, 2000, 875, 125-137.	2.2	32
49	Hypertrophy of the ageing rat medial preoptic nucleus. Journal of Neurocytology, 2000, 29, 173-197.	1.5	20
50	AIDS does not alter the total number of neurons in the hippocampal formation but induces cell atrophy: a stereological study. Acta Neuropathologica, 2000, 99, 643-653.	7.7	26
51	Reorganization of the morphology of hippocampal neurites and synapses after stress-induced damage correlates with behavioral improvement. Neuroscience, 2000, 97, 253-266.	2.3	667
52	Erratum to â€œReorganization of the morphology of hippocampal neurites and synapses after stress-induced damage correlates with behavioral improvementâ€• Neuroscience, 2000, 101, 483.	2.3	15
53	Corticosterone replacement restores normal morphological features to the hippocampal dendrites, axons and synapses of adrenalectomized rats. Journal of Neurocytology, 1999, 28, 541-558.	1.5	30
54	Stereological evaluation and Golgi study of the sexual dimorphisms in the volume, cell numbers, and cell size in the medial preoptic nucleus of the rat. Journal of Neurocytology, 1999, 28, 131-148.	1.5	38

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55	Effects of age and sex on the water maze performance and hippocampal cholinergic fibers in rats. Neuroscience Letters, 1999, 269, 141-144.	2.1	54
56	Effects of alcohol on the synthesis and expression of hypothalamic peptides. Brain Research Bulletin, 1999, 48, 3-22.	3.0	58
57	Behavioral and Neuroanatomical Consequences of Chronic Ethanol Intake and Withdrawal. Physiology and Behavior, 1999, 66, 337-346.	2.1	96
58	Effects of corticosterone treatment and rehabilitation on the hippocampal formation of neonatal and adult rats. An unbiased stereological study. Brain Research, 1998, 794, 199-210.	2.2	124
59	Arcuate nucleus of the hypothalamus: Effects of age and sex. , 1998, 401, 65-88.		58
60	Differential vulnerability of the subiculum and entorhinal cortex of the adult rat to prolonged protein deprivation. Hippocampus, 1998, 8, 33-47.	1.9	13
61	Maintenance of Hippocampal Cell Numbers in Young and Aged Rats Submitted to Chronic Unpredictable Stress. Comparison with the Effects of Corticosterone Treatment. Stress, 1998, 2, 237-249.	1.8	99
62	Chronic Alcohol Consumption and Withdrawal Do Not Induce Cell Death in the Suprachiasmatic Nucleus, But Lead to Irreversible Depression of Peptide Immunoreactivity and mRNA Levels. Journal of Neuroscience, 1997, 17, 1302-1319.	3.6	101
63	Structural alterations of the hippocampal formation of adrenalectomized rats: an unbiased stereological study. Journal of Neurocytology, 1997, 26, 423-438.	1.5	39
64	Piracetam promotes mossy fiber synaptic reorganization in rats withdrawn from alcohol. Alcohol, 1996, 13, 239-249.	1.7	21
65	Time scale and extent of neuronal and synaptic loss in the hippocampal formation of malnourished adult rats. Brain Research, 1996, 718, 1-12.	2.2	13
66	The dendritic trees of neurons from the hippocampal formation of protein-deprived adult rats. A quantitative Golgi study. Experimental Brain Research, 1996, 109, 419-33.	1.5	42
67	Structural Reorganization in the Supraoptic Nucleus of Withdrawn Rats following Longâ€Term Alcohol Consumption. Alcoholism: Clinical and Experimental Research, 1995, 19, 879-885.	2.4	16
68	Age and sex do not affect the volume, cell numbers, or cell size of the suprachiasmatic nucleus of the rat: An unbiased stereological study. Journal of Comparative Neurology, 1995, 361, 585-601.	1.6	122
69	Evidence of reorganization in the hippocampal mossy fiber synapses of adult rats rehabilitated after prolonged undernutrition. Experimental Brain Research, 1995, 104, 249-61.	1.5	21
70	Sexual dimorphism in the mammalian limbic system. Progress in Neurobiology, 1995, 45, 275-333.	5.7	180
71	Stereological Analysis of the Hippocampal Formation of Male and Female Hypothyroid Rats. , 1995, , 343-351.		0
72	Effects of long-term malnutrition and rehabilitation on the hippocampal formation of the adult rat. A morphometric study. Journal of Anatomy, 1995, 187 (Pt 2), 379-93.	1.5	9

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73	Stereological study of the ultrastructural changes induced by chronic alcohol consumption and dehydration in the supraoptic nucleus of the rat hypothalamus. Journal of Neurocytology, 1994, 23, 410-421.	1.5	20
74	The vasopressinergic innervation of the lateral septum of the rat after chronic alcohol consumption and withdrawal. Brain Research, 1994, 648, 53-58.	2.2	5
75	Reorganization of mossy fiber synapses in male and female hypothyroid rats: A stereological study. Journal of Comparative Neurology, 1993, 337, 334-352.	1.6	73
76	Ultrastructural evidence of sexual dimorphism in supraoptic neurons: a morphometric study. Journal of Neurocytology, 1993, 22, 697-706.	1.5	20
77	Structural changes in the hippocampal formation after long-term alcohol consumption and withdrawal in the rat. Addiction, 1993, 88, 237-247.	3.3	79
78	Effects of chronic alcohol consumption and of dehydration on the supraoptic nucleus of adult male and female rats. Neuroscience, 1993, 56, 657-672.	2.3	56
79	The supraoptic nucleus of the adult rat hypothalamus displays marked sexual dimorphism which is dependent on body weight. Neuroscience, 1993, 52, 497-513.	2.3	45
80	Effects of chronic alcohol consumption and withdrawal on the somatostatin-immunoreactive neurons of the rat hippocampal dentate hilus. Hippocampus, 1992, 2, 65-71.	1.9	24
81	Selective vulnerability of the hippocampal pyramidal neurons to hypothyroidism in male and female rats. Journal of Comparative Neurology, 1992, 322, 501-518.	1.6	122
82	Effects of GM1 ganglioside upon neuronal degeneration during withdrawal from alcohol. Alcohol, 1991, 8, 417-423.	1.7	15
83	The supraoptic nucleus in hypothyroid and undernourished rats: An experimental morphometric study. Neuroscience, 1991, 41, 827-839.	2.3	16
84	Long-term low-protein diet reduces the number of hippocampal mossy fiber synapses. Experimental Neurology, 1991, 112, 119-124.	4.1	30
85	The Effects of Piracetam on Lipofuscin of the Rat Cerebellar and Hippocampal Neurons after Long-Term Alcohol Treatment and Withdrawal: A Quantitative Study. Alcoholism: Clinical and Experimental Research, 1991, 15, 834-838.	2.4	24
86	INTRACEREBRAL GRAFTING IMPEDES HIPPOCAMPAL CELL LOSS DURING WITHDRAWAL AFTER LONG-TERM ALCOHOL CONSUMPTION IN RATS. Alcohol and Alcoholism, 1991, 26, 177-190.	1.6	20
87	Effects of hypothyroidism upon the granular layer of the dentate gyrus in male and female adult rats: A morphometric study. Journal of Comparative Neurology, 1991, 314, 171-186.	1.6	96
88	Sexual dimorphism in the mossy fiber synapses of the rat hippocampus. Experimental Brain Research, 1991, 87, 537-45.	1.5	56
89	Estimates of volumes and pyramidal cell numbers in the prelimbic subarea of the prefrontal cortex in experimental hypothyroid rats. Journal of Anatomy, 1990, 171, 41-56.	1.5	29
90	Unbiased estimate of cerebellar granule cell numbers in hypothyroid and in sex-age-matched control rats. Journal FÃ¼r Hirnforschung, 1988, 29, 587-94.	0.0	7

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91	Unbiased estimate of hippocampal granule cell numbers in hypothyroid and in sex-age-matched control rats. Journal FÃ¼r Hirnforschung, 1988, 29, 643-50.	0.0	18