

M Dulce C Madeira

List of Publications by Year in descending order

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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	Reorganization of the morphology of hippocampal neurites and synapses after stress-induced damage correlates with behavioral improvement. <i>Neuroscience</i> , 2000, 97, 253-266.	2.3	667
2	Sexual dimorphism in the mammalian limbic system. <i>Progress in Neurobiology</i> , 1995, 45, 275-333.	5.7	180
3	Effects of corticosterone treatment and rehabilitation on the hippocampal formation of neonatal and adult rats. An unbiased stereological study. <i>Brain Research</i> , 1998, 794, 199-210.	2.2	124
4	Selective vulnerability of the hippocampal pyramidal neurons to hypothyroidism in male and female rats. <i>Journal of Comparative Neurology</i> , 1992, 322, 501-518.	1.6	122
5	Age and sex do not affect the volume, cell numbers, or cell size of the suprachiasmatic nucleus of the rat: An unbiased stereological study. <i>Journal of Comparative Neurology</i> , 1995, 361, 585-601.	1.6	122
6	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. <i>Journal of Neuroscience</i> , 1997, 17, 1302-1319.	3.6	101
7	Maintenance of Hippocampal Cell Numbers in Young and Aged Rats Submitted to Chronic Unpredictable Stress. Comparison with the Effects of Corticosterone Treatment. <i>Stress</i> , 1998, 2, 237-249.	1.8	99
8	Effects of hypothyroidism upon the granular layer of the dentate gyrus in male and female adult rats: A morphometric study. <i>Journal of Comparative Neurology</i> , 1991, 314, 171-186.	1.6	96
9	Behavioral and Neuroanatomical Consequences of Chronic Ethanol Intake and Withdrawal. <i>Physiology and Behavior</i> , 1999, 66, 337-346.	2.1	96
10	Prolonged alcohol intake leads to irreversible loss of vasopressin and oxytocin neurons in the paraventricular nucleus of the hypothalamus. <i>Brain Research</i> , 2002, 925, 76-88.	2.2	85
11	Influence of sex and estrus cycle on the sexual dimorphisms of the hypothalamic ventromedial nucleus: Stereological evaluation and golgi study. <i>Journal of Comparative Neurology</i> , 2001, 432, 329-345.	1.6	82
12	Structural changes in the hippocampal formation after long-term alcohol consumption and withdrawal in the rat. <i>Addiction</i> , 1993, 88, 237-247.	3.3	79
13	Reorganization of mossy fiber synapses in male and female hypothyroid rats: A stereological study. <i>Journal of Comparative Neurology</i> , 1993, 337, 334-352.	1.6	73
14	Dendritic changes in the hippocampal formation of AIDS patients: a quantitative Golgi study. <i>Acta Neuropathologica</i> , 2004, 107, 97-110.	7.7	71
15	Arcuate nucleus of the hypothalamus: Effects of age and sex. , 1998, 401, 65-88.		58
16	Effects of alcohol on the synthesis and expression of hypothalamic peptides. <i>Brain Research Bulletin</i> , 1999, 48, 3-22.	3.0	58
17	Sexual dimorphism in the mossy fiber synapses of the rat hippocampus. <i>Experimental Brain Research</i> , 1991, 87, 537-45.	1.5	56
18	Effects of chronic alcohol consumption and of dehydration on the supraoptic nucleus of adult male and female rats. <i>Neuroscience</i> , 1993, 56, 657-672.	2.3	56

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19	Effects of age and sex on the water maze performance and hippocampal cholinergic fibers in rats. <i>Neuroscience Letters</i> , 1999, 269, 141-144.	2.1	54
20	Rethinking Anatomy: How to Overcome Challenges of Medical Education's Evolution. <i>Acta Medica Portuguesa</i> , 2017, 30, 134-140.	0.4	54
21	Synaptic reorganization in the hippocampal formation of alcohol-fed rats may compensate for functional deficits related to neuronal loss. <i>Alcohol</i> , 2000, 20, 139-148.	1.7	51
22	Selective loss of hilar neurons and impairment of initial learning in rats after repeated administration of electroconvulsive shock seizures. <i>Experimental Brain Research</i> , 2004, 154, 192-200.	1.5	50
23	The supraoptic nucleus of the adult rat hypothalamus displays marked sexual dimorphism which is dependent on body weight. <i>Neuroscience</i> , 1993, 52, 497-513.	2.3	45
24	The dendritic trees of neurons from the hippocampal formation of protein-deprived adult rats. A quantitative Golgi study. <i>Experimental Brain Research</i> , 1996, 109, 419-33.	1.5	42
25	Structural alterations of the hippocampal formation of adrenalectomized rats: an unbiased stereological study. <i>Journal of Neurocytology</i> , 1997, 26, 423-438.	1.5	39
26	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. <i>Brain Research</i> , 2002, 954, 82-93.	2.2	39
27	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. <i>Journal of Neurocytology</i> , 1999, 28, 131-148.	1.5	38
28	Nerve growth factor prevents cell death and induces hypertrophy of basal forebrain cholinergic neurons in rats withdrawn from prolonged ethanol intake. <i>Neuroscience</i> , 2003, 119, 1055-1069.	2.3	38
29	Seizure-induced structural and functional changes in the rat hippocampal formation: Comparison between brief seizures and status epilepticus. <i>Behavioural Brain Research</i> , 2011, 225, 538-546.	2.2	35
30	Basal forebrain neurons modulate the synthesis and expression of neuropeptides in the rat suprachiasmatic nucleus. <i>Neuroscience</i> , 2004, 125, 889-901.	2.3	34
31	Sexual dimorphism in the subiculum of the rat hippocampal formation. <i>Brain Research</i> , 2000, 875, 125-137.	2.2	32
32	Long-term low-protein diet reduces the number of hippocampal mossy fiber synapses. <i>Experimental Neurology</i> , 1991, 112, 119-124.	4.1	30
33	Corticosterone replacement restores normal morphological features to the hippocampal dendrites, axons and synapses of adrenalectomized rats. <i>Journal of Neurocytology</i> , 1999, 28, 541-558.	1.5	30
34	Estimates of volumes and pyramidal cell numbers in the prelimbic subarea of the prefrontal cortex in experimental hypothyroid rats. <i>Journal of Anatomy</i> , 1990, 171, 41-56.	1.5	29
35	Estrogen modulates the sexually dimorphic synaptic connectivity of the ventromedial nucleus. <i>Journal of Comparative Neurology</i> , 2005, 484, 68-79.	1.6	27
36	Effects of chronic alcohol consumption and withdrawal on the response of the male and female hypothalamic-pituitary-adrenal axis to acute immune stress. <i>Brain Research</i> , 2012, 1444, 27-37.	2.2	27

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37	AIDS does not alter the total number of neurons in the hippocampal formation but induces cell atrophy: a stereological study. <i>Acta Neuropathologica</i> , 2000, 99, 643-653.	7.7	26
38	Effects of estrogens and progesterone on the synaptic organization of the hypothalamic ventromedial nucleus. <i>Neuroscience</i> , 2009, 162, 307-316.	2.3	26
39	Chronic alcohol consumption leads to neurochemical changes in the nucleus accumbens that are not fully reversed by withdrawal. <i>Neurotoxicology and Teratology</i> , 2014, 44, 53-61.	2.4	26
40	Sexually dimorphic response of the hypothalamo-pituitary-adrenal axis to chronic alcohol consumption and withdrawal. <i>Brain Research</i> , 2009, 1303, 61-73.	2.2	25
41	The Effects of Piracetam on Lipofuscin of the Rat Cerebellar and Hippocampal Neurons after Long-Term Alcohol Treatment and Withdrawal: A Quantitative Study. <i>Alcoholism: Clinical and Experimental Research</i> , 1991, 15, 834-838.	2.4	24
42	Effects of chronic alcohol consumption and withdrawal on the somatostatin-immunoreactive neurons of the rat hippocampal dentate hilus. <i>Hippocampus</i> , 1992, 2, 65-71.	1.9	24
43	Loss of synapses in the entorhinal-dentate gyrus pathway following repeated induction of electroshock seizures in the rat. <i>Journal of Neuroscience Research</i> , 2008, 86, 71-83.	2.9	24
44	Role of estrogen receptor $\hat{1}\alpha$ and $\hat{1}\beta$ in the induction of progesterone receptors in hypothalamic ventromedial neurons. <i>Neuroscience</i> , 2013, 238, 159-167.	2.3	23
45	Nerve growth factor restores mRNA levels and the expression of neuropeptides in the suprachiasmatic nucleus of rats submitted to chronic ethanol treatment and withdrawal. <i>Journal of Neurocytology</i> , 2001, 30, 195-207.	1.5	22
46	Evidence of reorganization in the hippocampal mossy fiber synapses of adult rats rehabilitated after prolonged undernutrition. <i>Experimental Brain Research</i> , 1995, 104, 249-61.	1.5	21
47	Piracetam promotes mossy fiber synaptic reorganization in rats withdrawn from alcohol. <i>Alcohol</i> , 1996, 13, 239-249.	1.7	21
48	The integrity of the nucleus of the lateral olfactory tract is essential for the normal functioning of the olfactory system. <i>Brain Structure and Function</i> , 2017, 222, 3615-3637.	2.3	21
49	INTRACEREBRAL GRAFTING IMPEDES HIPPOCAMPAL CELL LOSS DURING WITHDRAWAL AFTER LONG-TERM ALCOHOL CONSUMPTION IN RATS. <i>Alcohol and Alcoholism</i> , 1991, 26, 177-190.	1.6	20
50	Ultrastructural evidence of sexual dimorphism in supraoptic neurons: a morphometric study. <i>Journal of Neurocytology</i> , 1993, 22, 697-706.	1.5	20
51	Stereological study of the ultrastructural changes induced by chronic alcohol consumption and dehydration in the supraoptic nucleus of the rat hypothalamus. <i>Journal of Neurocytology</i> , 1994, 23, 410-421.	1.5	20
52	Hypertrophy of the ageing rat medial preoptic nucleus. <i>Journal of Neurocytology</i> , 2000, 29, 173-197.	1.5	20
53	NGF and NT-3 exert differential effects on the expression of neuropeptides in the suprachiasmatic nucleus of rats withdrawn from ethanol treatment. <i>Brain Research</i> , 2003, 983, 64-73.	2.2	18
54	Unbiased estimate of hippocampal granule cell numbers in hypothyroid and in sex-age-matched control rats. <i>Journal für Hirnforschung</i> , 1988, 29, 643-50.	0.0	18

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55	Increased Choroidal Thickness in Keratoconus Patients: Perspectives in the Disease Pathophysiology. <i>Journal of Ophthalmology</i> , 2019, 2019, 1-7.	1.3	17
56	The supraoptic nucleus in hypothyroid and undernourished rats: An experimental morphometric study. <i>Neuroscience</i> , 1991, 41, 827-839.	2.3	16
57	Structural Reorganization in the Supraoptic Nucleus of Withdrawn Rats following Long-Term Alcohol Consumption. <i>Alcoholism: Clinical and Experimental Research</i> , 1995, 19, 879-885.	2.4	16
58	Neuronal organelles and nuclear pores of hypothalamic ventromedial neurons are sexually dimorphic and change during the estrus cycle in the rat. <i>Neuroscience</i> , 2005, 133, 919-924.	2.3	16
59	Effects of GM1 ganglioside upon neuronal degeneration during withdrawal from alcohol. <i>Alcohol</i> , 1991, 8, 417-423.	1.7	15
60	Erratum to "Reorganization of the morphology of hippocampal neurites and synapses after stress-induced damage correlates with behavioral improvement". <i>Neuroscience</i> , 2000, 101, 483.	2.3	15
61	Role of neural afferents as mediators of estrogen effects on the hypothalamic ventromedial nucleus. <i>Brain Research</i> , 2010, 1366, 60-70.	2.2	14
62	Estrogen receptors α and β have different roles in the induction and trafficking of progesterone receptors in hypothalamic ventromedial neurons. <i>FEBS Journal</i> , 2015, 282, 1126-1136.	4.7	14
63	Chronic stress leads to long-lasting deficits in olfactory-guided behaviors, and to neuroplastic changes in the nucleus of the lateral olfactory tract. <i>Hormones and Behavior</i> , 2018, 98, 130-144.	2.1	14
64	Time scale and extent of neuronal and synaptic loss in the hippocampal formation of malnourished adult rats. <i>Brain Research</i> , 1996, 718, 1-12.	2.2	13
65	Differential vulnerability of the subiculum and entorhinal cortex of the adult rat to prolonged protein deprivation. <i>Hippocampus</i> , 1998, 8, 33-47.	1.9	13
66	Increased choroidal thickness is not a disease progression marker in keratoconus. <i>Scientific Reports</i> , 2020, 10, 19938.	3.3	13
67	Retrosplenial granular b cortex in normal and epileptic rats: A stereological study. <i>Brain Research</i> , 2008, 1218, 206-214.	2.2	12
68	Regulation of ER α Protein Expression by 17 β -Estradiol in Cultured Neurons of Hypothalamic Ventromedial Nucleus. <i>Neurochemical Research</i> , 2013, 38, 82-89.	3.3	12
69	Role of plasma membrane estrogen receptors in mediating the estrogen induction of progesterone receptors in hypothalamic ventromedial neurons. <i>Journal of Comparative Neurology</i> , 2014, 522, 298-307.	1.6	12
70	Performance equivalency between computer-based and traditional pen-and-paper assessment: A case study in clinical anatomy. <i>Anatomical Sciences Education</i> , 2018, 11, 124-136.	3.7	12
71	Differential effects of the aging process on the morphology of the hypothalamic ventromedial nucleus of male and female rats. <i>Neuroscience Letters</i> , 2001, 314, 73-76.	2.1	11
72	Nerve growth factor retrieves neuropeptide Y and cholinergic immunoreactivity in the nucleus accumbens of old rats. <i>Neurobiology of Aging</i> , 2013, 34, 1988-1995.	3.1	11

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73	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. <i>Brain Research</i> , 2014, 1582, 99-106.	2.2	11
74	Effects of gonadal steroids and of estrogen receptor agonists on the expression of estrogen receptor alpha in the medial preoptic nucleus of female rats. <i>Neuroscience</i> , 2015, 310, 63-72.	2.3	11
75	Age effects on the nucleus of the lateral olfactory tract of the rat. <i>Journal of Comparative Neurology</i> , 2016, 524, 759-771.	1.6	10
76	Effects of chronic alcohol consumption, withdrawal and nerve growth factor on neuropeptide Y expression and cholinergic innervation of the rat dentate hilus. <i>NeuroToxicology</i> , 2016, 54, 153-160.	3.0	10
77	Effects of long-term malnutrition and rehabilitation on the hippocampal formation of the adult rat. A morphometric study. <i>Journal of Anatomy</i> , 1995, 187 (Pt 2), 379-93.	1.5	9
78	Dendritic right/left asymmetries in the neurons of the human hippocampal formation: a quantitative Golgi study. <i>Arquivos De Neuro-Psiquiatria</i> , 2007, 65, 1105-1113.	0.8	8
79	Lesions of the laterodorsal tegmental nucleus alter the cholinergic innervation and neuropeptide Y expression in the medial prefrontal cortex and nucleus accumbens. <i>Neuroscience</i> , 2015, 284, 707-718.	2.3	8
80	Nerve growth factor-induced plasticity in medial prefrontal cortex interneurons of aged Wistar rats. <i>Experimental Gerontology</i> , 2016, 85, 59-70.	2.8	8
81	Induction and subcellular redistribution of progesterone receptor A and B by tamoxifen in the hypothalamic ventromedial neurons of young adult female Wistar rats. <i>Molecular and Cellular Endocrinology</i> , 2016, 420, 1-10.	3.2	7
82	Surgical anatomy of the radial nerve in the arm: a cadaver study. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2021, 31, 1457-1462.	1.4	7
83	Unbiased estimate of cerebellar granule cell numbers in hypothyroid and in sex-age-matched control rats. <i>Journal Für Hirnforschung</i> , 1988, 29, 587-94.	0.0	7
84	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. <i>Journal of Neurocytology</i> , 2004, 33, 453-463.	1.5	6
85	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. <i>NeuroToxicology</i> , 2020, 76, 58-66.	3.0	6
86	The vasopressinergic innervation of the lateral septum of the rat after chronic alcohol consumption and withdrawal. <i>Brain Research</i> , 1994, 648, 53-58.	2.2	5
87	Effects of aging on the cholinergic innervation of the rat ventral tegmental area: A stereological study. <i>Experimental Gerontology</i> , 2021, 148, 111298.	2.8	3
88	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. <i>Journal of Molecular Neuroscience</i> , 2012, 46, 622-630.	2.3	2
89	Adhesive dentistry sensory stimulus technique as a neuromechanism for the treatment of orofacial pain associated to temporomandibular disorders: Case study. <i>Journal of Oral Biology and Craniofacial Research</i> , 2020, 10, 6-12.	1.9	2
90	Behavioral and brain morphological analysis of non-inflammatory and inflammatory rat models of preterm brain injury. <i>Neurobiology of Learning and Memory</i> , 2021, 185, 107540.	1.9	2

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91	Stereological Analysis of the Hippocampal Formation of Male and Female Hypothyroid Rats. , 1995, , 343-351.		0