

Christina Dalla

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82

papers

3,333

citations

33

h-index

57

g-index

101

ext. papers

3,840

ext. citations

5

avg, IF

5.44

L-index

#	Paper	IF	Citations
82	Chronic mild stress impact: are females more vulnerable?. <i>Neuroscience</i> , 2005 , 135, 703-14	3.9	247
81	Sex differences in animal models of psychiatric disorders. <i>British Journal of Pharmacology</i> , 2014 , 171, 4595-619	8.6	239
80	Sex differences in learning processes of classical and operant conditioning. <i>Physiology and Behavior</i> , 2009 , 97, 229-38	3.5	230
79	Sex differences in animal models of depression and antidepressant response. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2010 , 106, 226-33	3.1	169
78	Sex differences in behavioral, neurochemical and neuroendocrine effects induced by the forced swim test in rats. <i>Neuroscience</i> , 2004 , 126, 849-57	3.9	151
77	Sex differences in the effects of two stress paradigms on dopaminergic neurotransmission. <i>Physiology and Behavior</i> , 2008 , 93, 595-605	3.5	134
76	Females do not express learned helplessness like males do. <i>Neuropsychopharmacology</i> , 2008 , 33, 1559-68.7		122
75	Neurogenesis and helplessness are mediated by controllability in males but not in females. <i>Biological Psychiatry</i> , 2007 , 62, 487-95	7.9	115
74	Female rats learn trace memories better than male rats and consequently retain a greater proportion of new neurons in their hippocampi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 2927-32	11.5	93
73	Sex differences in response to stress and expression of depressive-like behaviours in the rat. <i>Current Topics in Behavioral Neurosciences</i> , 2011 , 8, 97-118	3.4	88
72	Forced swim test: What about females?. <i>Neuropharmacology</i> , 2015 , 99, 408-21	5.5	86
71	Estradiol rapidly activates male sexual behavior and affects brain monoamine levels in the quail brain. <i>Behavioural Brain Research</i> , 2006 , 166, 110-23	3.4	84
70	Oestrogen-deficient female aromatase knockout (ArKO) mice exhibit depressive-like symptomatology. <i>European Journal of Neuroscience</i> , 2004 , 20, 217-28	3.5	84
69	Rapid decreases in preoptic aromatase activity and brain monoamine concentrations after engaging in male sexual behavior. <i>Endocrinology</i> , 2005 , 146, 3809-20	4.8	84
68	Tau protein is essential for stress-induced brain pathology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E3755-63	11.5	83
67	Behavioral sexual dimorphism in models of anxiety and depression due to changes in HPA axis activity. <i>Neuropharmacology</i> , 2012 , 62, 436-45	5.5	69
66	Preclinical sex differences in depression and antidepressant response: Implications for clinical research. <i>Journal of Neuroscience Research</i> , 2017 , 95, 731-736	4.4	59

65	Effects of light spectrum on growth and physiological status of gilthead seabream <i>Sparus aurata</i> and rainbow trout <i>Oncorhynchus mykiss</i> reared under recirculating system conditions. <i>Aquacultural Engineering</i> , 2007 , 36, 302-309	3	59
64	Sex-related differential response to clomipramine treatment in a rat model of depression. <i>Journal of Psychopharmacology</i> , 2009 , 23, 945-56	4.6	58
63	Neurogenesis and learning: acquisition and asymptotic performance predict how many new cells survive in the hippocampus. <i>Neurobiology of Learning and Memory</i> , 2007 , 88, 143-8	3.1	58
62	Sex differences in oxidant/antioxidant balance under a chronic mild stress regime. <i>Physiology and Behavior</i> , 2009 , 98, 215-22	3.5	57
61	Sex differences in behavioral and neurochemical effects of gonadectomy and aromatase inhibition in rats. <i>Psychoneuroendocrinology</i> , 2018 , 87, 93-107	5	53
60	Stressful experience has opposite effects on dendritic spines in the hippocampus of cycling versus masculinized females. <i>Neuroscience Letters</i> , 2009 , 449, 52-6	3.3	46
59	Male aromatase-knockout mice exhibit normal levels of activity, anxiety and "depressive-like" symptomatology. <i>Behavioural Brain Research</i> , 2005 , 163, 186-93	3.4	44
58	Sex differences in pharmacokinetics of antidepressants. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2011 , 7, 213-26	5.5	42
57	Nurr1:RXR β heterodimer activation as monotherapy for Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 3999-4004	11.5	39
56	Effects of rearing density on growth, brain neurotransmitters and liver fatty acid composition of juvenile white sea bream <i>Diplodus sargus</i> L.. <i>Aquaculture Research</i> , 2006 , 37, 87-95	1.9	39
55	Gestational stress and fluoxetine treatment differentially affect plasticity, methylation and serotonin levels in the PFC and hippocampus of rat dams. <i>Neuroscience</i> , 2016 , 327, 32-43	3.9	39
54	Perinatal fluoxetine effects on social play, the HPA system, and hippocampal plasticity in pre-adolescent male and female rats: Interactions with pre-gestational maternal stress. <i>Psychoneuroendocrinology</i> , 2017 , 84, 159-171	5	38
53	5-HT(1A), 5-HT(2A), and 5-HT(2C) receptor mRNA modulation by antidepressant treatment in the chronic mild stress model of depression: sex differences exposed. <i>Neuroscience</i> , 2012 , 210, 152-67	3.9	38
52	Sex differences in the hypothalamic-pituitary-adrenal axis: An obstacle to antidepressant drug development?. <i>British Journal of Pharmacology</i> , 2019 , 176, 4090-4106	8.6	35
51	Sertraline behavioral response associates closer and dose-dependently with cortical rather than hippocampal serotonergic activity in the rat forced swim stress. <i>Physiology and Behavior</i> , 2012 , 107, 201-6	3.5	34
50	The positive effect on ketamine as a priming adjuvant in antidepressant treatment. <i>Translational Psychiatry</i> , 2015 , 5, e573	8.6	33
49	The nucleus reuniens: a key node in the neurocircuitry of stress and depression. <i>Molecular Psychiatry</i> , 2018 , 23, 579-586	15.1	32
48	Effect of Mozart's music (Romanze-Andante of Eine Kleine Nacht Musik, sol major, K525) stimulus on common carp (<i>Cyprinus carpio</i> L.) physiology under different light conditions. <i>Aquacultural Engineering</i> , 2007 , 36, 61-72	3	32

47	Developmental fluoxetine and prenatal stress effects on serotonin, dopamine, and synaptophysin density in the PFC and hippocampus of offspring at weaning. <i>Developmental Psychobiology</i> , 2016 , 58, 315-27	3	27
46	Experimental evidence for sildenafil's action in the central nervous system: dopamine and serotonin changes in the medial preoptic area and nucleus accumbens during sexual arousal. <i>Journal of Sexual Medicine</i> , 2013 , 10, 719-29	1.1	25
45	Chronic stress triggers divergent dendritic alterations in immature neurons of the adult hippocampus, depending on their ultimate terminal fields. <i>Translational Psychiatry</i> , 2019 , 9, 143	8.6	24
44	Perinatal fluoxetine prevents the effect of pre-gestational maternal stress on 5-HT in the PFC, but maternal stress has enduring effects on mPFC synaptic structure in offspring. <i>Neuropharmacology</i> , 2018 , 128, 168-180	5.5	24
43	Effect of Levodopa on Reward and Impulsivity in a Rat Model of Parkinson's Disease. <i>Frontiers in Behavioral Neuroscience</i> , 2017 , 11, 145	3.5	21
42	Effects of environmental enrichment on growth, aggressive behaviour and brain monoamines of gilthead seabream <i>Sparus aurata</i> reared under different social conditions. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2014 , 169, 25-32	2.6	17
41	Blue substrate modifies the time course of stress response in gilthead seabream <i>Sparus aurata</i> . <i>Aquaculture</i> , 2014 , 420-421, 247-253	4.4	17
40	Neudesin is involved in anxiety behavior: structural and neurochemical correlates. <i>Frontiers in Behavioral Neuroscience</i> , 2013 , 7, 119	3.5	17
39	Stress induced risk-aversion is reverted by D2/D3 agonist in the rat. <i>European Neuropsychopharmacology</i> , 2015 , 25, 1744-52	1.2	16
38	Pharmacogenetic insights into depression and antidepressant response: does sex matter?. <i>Current Pharmaceutical Design</i> , 2010 , 16, 2214-23	3.3	16
37	Oxotechnetium 99mTcO[SN(R)S][S] complexes as potential 5-HT1A receptor imaging agents. <i>Nuclear Medicine and Biology</i> , 2002 , 29, 825-32	2.1	15
36	Neuroplasticity-related correlates of environmental enrichment combined with physical activity differ between the sexes. <i>European Neuropsychopharmacology</i> , 2019 , 29, 1-15	1.2	15
35	Escalating low-dose Δ^9 tetrahydrocannabinol exposure during adolescence induces differential behavioral and neurochemical effects in male and female adult rats. <i>European Journal of Neuroscience</i> , 2020 , 52, 2681-2693	3.5	15
34	Acute but not sustained aromatase inhibition displays antidepressant properties. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 17, 1307-13	5.8	13
33	Environmental enrichment induces changes in brain monoamine levels in gilthead seabream <i>Sparus aurata</i> . <i>Physiology and Behavior</i> , 2014 , 130, 85-90	3.5	13
32	Head shaking in the forced swim test: A robust but unexplored sex difference. <i>Pharmacology Biochemistry and Behavior</i> , 2017 , 152, 90-96	3.9	12
31	Kinoscope: An Open-Source Computer Program for Behavioral Pharmacologists. <i>Frontiers in Behavioral Neuroscience</i> , 2017 , 11, 88	3.5	12
30	Trans-crocin 4 is not hydrolyzed to crocetin following i.p. administration in mice, while it shows penetration through the blood brain barrier. <i>Fitoterapia</i> , 2018 , 129, 62-72	3.2	12

29	Sex-dependent neurochemical effects of environmental enrichment in the visual system. <i>Neuroscience</i> , 2013 , 254, 130-40	3.9	11
28	The effect of treatment response on endothelial function and arterial stiffness in depression. A prospective study. <i>Journal of Affective Disorders</i> , 2019 , 252, 190-200	6.6	9
27	Pharmacogenetic considerations for late life depression therapy. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2013 , 9, 989-99	5.5	9
26	Do corticosterone levels predict female depressive-like behavior in rodents?. <i>Journal of Neuroscience Research</i> , 2021 , 99, 324-331	4.4	9
25	Detrimental effects of adolescent escalating low-dose Δ^9 tetrahydrocannabinol leads to a specific bio-behavioural profile in adult male rats. <i>British Journal of Pharmacology</i> , 2021 , 178, 1722-1736	8.6	9
24	Histamine involvement in visual development and adaptation 2012 , 53, 7498-503		7
23	Psychoactive properties of BNN27, a novel neurosteroid derivate, in male and female rats. <i>Psychopharmacology</i> , 2020 , 237, 2435-2449	4.7	6
22	Sex matters in neuroscience and neuropsychopharmacology. <i>European Journal of Neuroscience</i> , 2020 , 52, 2423-2428	3.5	6
21	Women's Psychiatry. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1192, 225-249	3.6	6
20	Effect of sertraline on central serotonin and hippocampal plasticity in pregnant and non-pregnant rats. <i>Neuropharmacology</i> , 2020 , 166, 107950	5.5	5
19	Antidepressants' effects on testosterone and estrogens: What do we know?. <i>European Journal of Pharmacology</i> , 2021 , 899, 173998	5.3	5
18	A novel UHPLC-HRMS-based metabolomics strategy enables the discovery of potential neuroactive metabolites in mice plasma, following i.p. administration of the main <i>Crocus sativus</i> L. bioactive component. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 177, 112878	3.5	5
17	Innovative screening models for the discovery of new schizophrenia drug therapies: an integrated approach. <i>Expert Opinion on Drug Discovery</i> , 2021 , 16, 791-806	6.2	5
16	Allosteric modulation of AMPA receptors counteracts Tau-related excitotoxic synaptic signaling and memory deficits in stress- and A β -evoked hippocampal pathology. <i>Molecular Psychiatry</i> , 2020 ,	15.1	3
15	Maternal and Infant Pharmacokinetics of Psychotropic Medications During Pregnancy and Lactation 2019 , 17-35		2
14	Behavioral and Neurochemical Effects of Extra Virgin Olive Oil Total Phenolic Content and Extract in Female Mice. <i>Molecules</i> , 2020 , 25,	4.8	2
13	Xanthotoxin affects depression-related behavior and neurotransmitters content in a sex-dependent manner in mice. <i>Behavioural Brain Research</i> , 2021 , 399, 112985	3.4	2
12	PEERS - An Open Science "Platform for the Exchange of Experimental Research Standards" in Biomedicine. <i>Frontiers in Behavioral Neuroscience</i> , 2021 , 15, 755812	3.5	1

11	Nucleus Reuniens Lesion and Antidepressant Treatment Prevent Hippocampal Neurostructural Alterations Induced by Chronic Mild Stress in Male Rats. <i>Neuroscience</i> , 2021 , 454, 85-93	3.9	1
10	Mesocorticolimbic monoamines in a rodent model of chronic neuropathic pain. <i>Neuroscience Letters</i> , 2020 , 737, 135309	3.3	0
9	Sex differences in experimental studies of depression: How can clinical research benefit?. <i>European Psychiatry</i> , 2017 , 41, s905-s905	6	
8	O2-12-06: Microtubule-associated protein tau is important for stress-driven depressive pathology and cognitive deficits 2015 , 11, P204-P204		
7	P.2.d.011 Sex differences in antidepressant response following adrenalectomy and stable corticosterone replacement. <i>European Neuropsychopharmacology</i> , 2012 , 22, S273-S274	1.2	
6	Sertraline treatment attenuates the sex differentiated behavioural stress response in the rat forced swim test. <i>European Psychiatry</i> , 2011 , 26, 802-802	6	
5	Synthesis, labelling with ^{99m} Tc and biological study of a novel 5-HT _{1A} receptor ligand. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2001 , 44, S550-S552	1.9	
4	Development and validation of a UPLC method for quantifying trans-crocin 4 and crocetin from saffron in plasma: A pharmacokinetic study. <i>Planta Medica</i> , 2016 , 81, S1-S381	3.1	
3	The therapeutic potential of natural compounds against Alzheimer's disease: A preclinical pharmacological study in both sexes. <i>European Psychiatry</i> , 2016 , 33, S544-S544	6	
2	Voices of women in neuroscience. <i>Journal of Neuroscience Research</i> , 2021 , 99, 7-8	4.4	
1	P.0075 Sex differences in anxiolytic and antidepressant response following subacute drug treatment: the effect of the oestrous cycle. <i>European Neuropsychopharmacology</i> , 2021 , 53, S53-S54	1.2	