

Christina Dalla

List of Publications by Year in descending order

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91
papers

4,291
citations

109321

35
h-index

114465

63
g-index

101
all docs

101
docs citations

101
times ranked

4407
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex differences in animal models of psychiatric disorders. <i>British Journal of Pharmacology</i> , 2014, 171, 4595-4619.	5.4	327
2	Sex differences in learning processes of classical and operant conditioning. <i>Physiology and Behavior</i> , 2009, 97, 229-238.	2.1	283
3	Chronic mild stress impact: Are females more vulnerable?. <i>Neuroscience</i> , 2005, 135, 703-714.	2.3	279
4	Sex Differences in Animal Models of Depression and Antidepressant Response. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2010, 106, 226-233.	2.5	207
5	Sex differences in behavioral, neurochemical and neuroendocrine effects induced by the forced swim test in rats. <i>Neuroscience</i> , 2004, 126, 849-857.	2.3	171
6	Sex differences in the effects of two stress paradigms on dopaminergic neurotransmission. <i>Physiology and Behavior</i> , 2008, 93, 595-605.	2.1	154
7	Females do not Express Learned Helplessness like Males do. <i>Neuropsychopharmacology</i> , 2008, 33, 1559-1569.	5.4	139
8	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.	7.1	133
9	Neurogenesis and Helplessness Are Mediated by Controllability in Males But Not in Females. <i>Biological Psychiatry</i> , 2007, 62, 487-495.	1.3	124
10	Forced swim test: What about females?. <i>Neuropharmacology</i> , 2015, 99, 408-421.	4.1	117
11	Sex Differences in Response to Stress and Expression of Depressive-Like Behaviours in the Rat. <i>Current Topics in Behavioral Neurosciences</i> , 2010, 8, 97-118.	1.7	107
12	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, 2927-2932.	7.1	104
13	Oestrogen-deficient female aromatase knockout (ArKO) mice exhibit 'depressive-like' symptomatology. <i>European Journal of Neuroscience</i> , 2004, 20, 217-228.	2.6	93
14	Estradiol rapidly activates male sexual behavior and affects brain monoamine levels in the quail brain. <i>Behavioural Brain Research</i> , 2006, 166, 110-123.	2.2	90
15	Behavioral sexual dimorphism in models of anxiety and depression due to changes in HPA axis activity. <i>Neuropharmacology</i> , 2012, 62, 436-445.	4.1	89
16	Rapid Decreases in Preoptic Aromatase Activity and Brain Monoamine Concentrations after Engaging in Male Sexual Behavior. <i>Endocrinology</i> , 2005, 146, 3809-3820.	2.8	88
17	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.	3.1	82
18	Preclinical sex differences in depression and antidepressant response: Implications for clinical research. <i>Journal of Neuroscience Research</i> , 2017, 95, 731-736.	2.9	77

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19	Sex differences in behavioral and neurochemical effects of gonadectomy and aromatase inhibition in rats. <i>Psychoneuroendocrinology</i> , 2018, 87, 93-107.	2.7	76
20	Sex differences in pharmacokinetics of antidepressants. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2011, 7, 213-226.	3.3	71
21	Sex differences in oxidant/antioxidant balance under a chronic mild stress regime. <i>Physiology and Behavior</i> , 2009, 98, 215-222.	2.1	70
22	Sex-related differential response to clomipramine treatment in a rat model of depression. <i>Journal of Psychopharmacology</i> , 2009, 23, 945-956.	4.0	68
23	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, 143-148.	1.9	63
24	Sex differences in the hypothalamic-pituitary-adrenal axis: An obstacle to antidepressant drug development?. <i>British Journal of Pharmacology</i> , 2019, 176, 4090-4106.	5.4	62
25	Nurr1:RXR α 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.	7.1	61
26	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.	2.7	55
27	Stressful experience has opposite effects on dendritic spines in the hippocampus of cycling versus masculinized females. <i>Neuroscience Letters</i> , 2009, 449, 52-56.	2.1	51
28	Male aromatase-knockout mice exhibit normal levels of activity, anxiety and depressive-like symptomatology. <i>Behavioural Brain Research</i> , 2005, 163, 186-193.	2.2	48
29	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.	2.3	48
30	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, 152-167.	2.3	47
31	The nucleus reuniens: a key node in the neurocircuitry of stress and depression. <i>Molecular Psychiatry</i> , 2018, 23, 579-586.	7.9	47
32	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.	1.8	46
33	The positive effect on ketamine as a priming adjuvant in antidepressant treatment. <i>Translational Psychiatry</i> , 2015, 5, e573-e573.	4.8	41
34	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.	3.1	40
35	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, 201-206.	2.1	38
36	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.	4.8	37

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37	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, 315-327.	1.6	36
38	Antidepressants' effects on testosterone and estrogens: What do we know?. <i>European Journal of Pharmacology</i> , 2021, 899, 173998.	3.5	33
39	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.	4.1	31
40	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, 719-729.	0.6	30
41	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.	1.8	27
42	Effect of Levodopa on Reward and Impulsivity in a Rat Model of Parkinson's Disease. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 145.	2.0	26
43	Neudesin is involved in anxiety behavior: structural and neurochemical correlates. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 119.	2.0	25
44	Do corticosterone levels predict female depressive-like behavior in rodents?. <i>Journal of Neuroscience Research</i> , 2021, 99, 324-331.	2.9	25
45	Kinoscope: An Open-Source Computer Program for Behavioral Pharmacologists. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 88.	2.0	24
46	Blue substrate modifies the time course of stress response in gilthead seabream <i>Sparus aurata</i> . <i>Aquaculture</i> , 2014, 420-421, 247-253.	3.5	23
47	Head shaking in the forced swim test: A robust but unexplored sex difference. <i>Pharmacology Biochemistry and Behavior</i> , 2017, 152, 90-96.	2.9	22
48	Stress induced risk-aversion is reverted by D2/D3 agonist in the rat. <i>European Neuropsychopharmacology</i> , 2015, 25, 1744-1752.	0.7	21
49	Pharmacogenetic Insights into Depression and Antidepressant Response: Does Sex Matter?. <i>Current Pharmaceutical Design</i> , 2010, 16, 2214-2223.	1.9	20
50	Neuroplasticity-related correlates of environmental enrichment combined with physical activity differ between the sexes. <i>European Neuropsychopharmacology</i> , 2019, 29, 1-15.	0.7	20
51	Escalating low-dose 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.	2.6	20
52	Acute but not sustained aromatase inhibition displays antidepressant properties. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1307-1313.	2.1	18
53	Environmental enrichment induces changes in brain monoamine levels in gilthead seabream <i>Sparus aurata</i> . <i>Physiology and Behavior</i> , 2014, 130, 85-90.	2.1	18
54	Trans-crocin 4 is not hydrolyzed to crocetin following i.p. administration in mice, while it shows penetration through the blood brain barrier. <i>FASEB J</i> , 2018, 129, 62-72.	2.2	18

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55	Detrimental effects of adolescent escalating low-dose ⁹ -tetrahydrocannabinol leads to a specific bio-behavioural profile in adult male rats. <i>British Journal of Pharmacology</i> , 2021, 178, 1722-1736.	5.4	18
56	Oxotechnetium ^{99m} TcO[SN(R)S][S] complexes as potential 5-HT1A receptor imaging agents. <i>Nuclear Medicine and Biology</i> , 2002, 29, 825-832.	0.6	16
57	Sex-dependent neurochemical effects of environmental enrichment in the visual system. <i>Neuroscience</i> , 2013, 254, 130-140.	2.3	15
58	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.	4.1	15
59	Implications of sex-related differences in central nervous system disorders for drug research and development. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 881-882.	46.4	15
60	Allosteric modulation of AMPA receptors counteracts Tau-related excitotoxic synaptic signaling and memory deficits in stress- and A β ² -evoked hippocampal pathology. <i>Molecular Psychiatry</i> , 2021, 26, 5899-5911.	7.9	12
61	Sex matters in neuroscience and neuropsychopharmacology. <i>European Journal of Neuroscience</i> , 2020, 52, 2423-2428.	2.6	12
62	Women's Psychiatry. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1192, 225-249.	1.6	12
63	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.	2.8	11
64	Psychoactive properties of BNN27, a novel neurosteroid derivate, in male and female rats. <i>Psychopharmacology</i> , 2020, 237, 2435-2449.	3.1	11
65	Effect of sertraline on central serotonin and hippocampal plasticity in pregnant and non-pregnant rats. <i>Neuropharmacology</i> , 2020, 166, 107950.	4.1	11
66	Pharmacogenetic considerations for late life depression therapy. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2013, 9, 989-999.	3.3	9
67	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.	5.0	9
68	Histamine Involvement in Visual Development and Adaptation. , 2012, 53, 7498.		8
69	Behavioral and Neurochemical Effects of Extra Virgin Olive Oil Total Phenolic Content and Sideritis Extract in Female Mice. <i>Molecules</i> , 2020, 25, 5000.	3.8	7
70	PEERS – An Open Science – Platform for the Exchange of Experimental Research Standards – in Biomedicine. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 755812.	2.0	7
71	Sex Differences in Blood – Brain Barrier Transport of Psychotropic Drugs. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, .	2.0	7
72	Xanthotoxin affects depression-related behavior and neurotransmitters content in a sex-dependent manner in mice. <i>Behavioural Brain Research</i> , 2021, 399, 112985.	2.2	6

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73	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.	2.3	5
74	Imperatorin Influences Depressive-like Behaviors: A Preclinical Study on Behavioral and Neurochemical Sex Differences. <i>Molecules</i> , 2022, 27, 1179.	3.8	5
75	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.	1.0	2
76	Maternal and Infant Pharmacokinetics of Psychotropic Medications During Pregnancy and Lactation. , 2019, , 17-35.		2
77	Mesocorticolimbic monoamines in a rodent model of chronic neuropathic pain. <i>Neuroscience Letters</i> , 2020, 737, 135309.	2.1	2
78	Combination of chronic mild stress and forced swim test in male and female rats: Behavioral and neurochemical effects. <i>European Neuropsychopharmacology</i> , 2002, 12, 249.	0.7	1
79	P.2.026 Hippocampus and prefrontal cortex communication is required for depressive-like behavior in rats. <i>European Neuropsychopharmacology</i> , 2014, 24, S50-S51.	0.7	1
80	Forced swim stress in male and female rats: Behavioral and neurochemical effects. <i>European Neuropsychopharmacology</i> , 2002, 12, 249.	0.7	0
81	P.1.012 Sex and brain regional differences in tissue levels of excitatory amino acids in a rat model of depression. <i>European Neuropsychopharmacology</i> , 2005, 15, S109-S110.	0.7	0
82	Sertraline treatment attenuates the sex differentiated behavioural stress response in the rat forced swim test. <i>European Psychiatry</i> , 2011, 26, 802-802.	0.2	0
83	P.2.d.011 Sex differences in antidepressant response following adrenalectomy and stable corticosterone replacement. <i>European Neuropsychopharmacology</i> , 2012, 22, S273-S274.	0.7	0
84	O2-12-06: Microtubule-associated protein tau is important for stress-driven depressive pathology and cognitive deficits. , 2015, 11, P204-P204.		0
85	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.	0.2	0
86	Sex differences in experimental studies of depression: How can clinical research benefit?. <i>European Psychiatry</i> , 2017, 41, s905-s905.	0.2	0
87	Mini-reviews based on the First Conference of the Institute of Stress Biology & Medicine – Systems Biology-Medicine and Stress – Hormones, 2018, 17, 3-4.	1.9	0
88	Voices of women in neuroscience. <i>Journal of Neuroscience Research</i> , 2021, 99, 7-8.	2.9	0
89	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.	1.3	0
90	Application of a novel UPLC-HRMS-based plasma metabolomics approach reveals differences between male and female mice following i.p. administration of trans-crocin-4.. <i>Planta Medica International Open</i> , 2017, 4, .	0.5	0

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91	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.	0.7	0