Christina Dalla

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5997848/publications.pdf

Version: 2024-02-01

91 papers	4,291 citations	109137 35 h-index	114278 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. British Journal of Pharmacology, 2014, 171, 4595-4619.	2.7	327
2	Sex differences in learning processes of classical and operant conditioning. Physiology and Behavior, 2009, 97, 229-238.	1.0	283
3	Chronic mild stress impact: Are females more vulnerable?. Neuroscience, 2005, 135, 703-714.	1.1	279
4	Sex Differences in Animal Models of Depression and Antidepressant Response. Basic and Clinical Pharmacology and Toxicology, 2010, 106, 226-233.	1.2	207
5	Sex differences in behavioral, neurochemical and neuroendocrine effects induced by the forced swim test in rats. Neuroscience, 2004, 126, 849-857.	1.1	171
6	Sex differences in the effects of two stress paradigms on dopaminergic neurotransmission. Physiology and Behavior, 2008, 93, 595-605.	1.0	154
7	Females do not Express Learned Helplessness like Males do. Neuropsychopharmacology, 2008, 33, 1559-1569.	2.8	139
8	Tau protein is essential for stress-induced brain pathology. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3755-63.	3.3	133
9	Neurogenesis and Helplessness Are Mediated by Controllability in Males But Not in Females. Biological Psychiatry, 2007, 62, 487-495.	0.7	124
10	Forced swim test: What about females?. Neuropharmacology, 2015, 99, 408-421.	2.0	117
11	Sex Differences in Response to Stress and Expression of Depressive-Like Behaviours in the Rat. Current Topics in Behavioral Neurosciences, 2010, 8, 97-118.	0.8	107
12	Female rats learn trace memories better than male rats and consequently retain a greater proportion of new neurons in their hippocampi. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2927-2932.	3.3	104
13	Oestrogen-deficient female aromatase knockout (ArKO) mice exhibit 'depressive-like' symptomatology. European Journal of Neuroscience, 2004, 20, 217-228.	1.2	93
14	Estradiol rapidly activates male sexual behavior and affects brain monoamine levels in the quail brain. Behavioural Brain Research, 2006, 166, 110-123.	1.2	90
15	Behavioral sexual dimorphism in models of anxiety and depression due to changes in HPA axis activity. Neuropharmacology, 2012, 62, 436-445.	2.0	89
16	Rapid Decreases in Preoptic Aromatase Activity and Brain Monoamine Concentrations after Engaging in Male Sexual Behavior. Endocrinology, 2005, 146, 3809-3820.	1.4	88
17	Effects of light spectrum on growth and physiological status of gilthead seabream Sparus aurata and rainbow trout Oncorhynchus mykiss reared under recirculating system conditions. Aquacultural Engineering, 2007, 36, 302-309.	1.4	82
18	Preclinical sex differences in depression and antidepressant response: Implications for clinical research. Journal of Neuroscience Research, 2017, 95, 731-736.	1.3	77

#	Article	IF	Citations
19	Sex differences in behavioral and neurochemical effects of gonadectomy and aromatase inhibition in rats. Psychoneuroendocrinology, 2018, 87, 93-107.	1.3	76
20	Sex differences in pharmacokinetics of antidepressants. Expert Opinion on Drug Metabolism and Toxicology, 2011, 7, 213-226.	1.5	71
21	Sex differences in oxidant/antioxidant balance under a chronic mild stress regime. Physiology and Behavior, 2009, 98, 215-222.	1.0	70
22	Sex-related differential response to clomipramine treatment in a rat model of depression. Journal of Psychopharmacology, 2009, 23, 945-956.	2.0	68
23	Neurogenesis and learning: Acquisition and asymptotic performance predict how many new cells survive in the hippocampus. Neurobiology of Learning and Memory, 2007, 88, 143-148.	1.0	63
24	Sex differences in the hypothalamicâ€“pituitaryâ€“adrenal axis: An obstacle to antidepressant drug development?. British Journal of Pharmacology, 2019, 176, 4090-4106.	2.7	62
25	Nurr1:RXRÎ± heterodimer activation as monotherapy for Parkinsonâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3999-4004.	3.3	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. Psychoneuroendocrinology, 2017, 84, 159-171.	1.3	55
27	Stressful experience has opposite effects on dendritic spines in the hippocampus of cycling versus masculinized females. Neuroscience Letters, 2009, 449, 52-56.	1.0	51
28	Male aromatase-knockout mice exhibit normal levels of activity, anxiety and â€œdepressive-likeâ€• symptomatology. Behavioural Brain Research, 2005, 163, 186-193.	1.2	48
29	Gestational stress and fluoxetine treatment differentially affect plasticity, methylation and serotonin levels in the PFC and hippocampus of rat dams. Neuroscience, 2016, 327, 32-43.	1.1	48
30	5-HT1A, 5-HT2A, and 5-HT2C receptor mRNA modulation by antidepressant treatment in the chronic mild stress model of depression: sex differences exposed. Neuroscience, 2012, 210, 152-167.	1.1	47
31	The nucleus reuniens: a key node in the neurocircuitry of stress and depression. Molecular Psychiatry, 2018, 23, 579-586.	4.1	47
32	Effects of rearing density on growth, brain neurotransmitters and liver fatty acid composition of juvenile white sea bream Diplodus sargus L.. Aquaculture Research, 2006, 37, 87-95.	0.9	46
33	The positive effect on ketamine as a priming adjuvant in antidepressant treatment. Translational Psychiatry, 2015, 5, e573-e573.	2.4	41
34	Effect of Mozart's music (Romanze-Andante of â€œEine Kleine Nacht Musikâ€, sol major, K525) stimulus on common carp (Cyprinus carpio L.) physiology under different light conditions. Aquacultural Engineering, 2007, 36, 61-72.	1.4	40
35	Sertraline behavioral response associates closer and dose-dependently with cortical rather than hippocampal serotonergic activity in the rat forced swim stress. Physiology and Behavior, 2012, 107, 201-206.	1.0	38
36	Chronic stress triggers divergent dendritic alterations in immature neurons of the adult hippocampus, depending on their ultimate terminal fields. Translational Psychiatry, 2019, 9, 143.	2.4	37

#	Article	IF	Citations
37	Developmental fluoxetine and prenatal stress effects on serotonin, dopamine, and synaptophysin density in the PFC and hippocampus of offspring at weaning. Developmental Psychobiology, 2016, 58, 315-327.	0.9	36
38	Antidepressantsâ€™ effects on testosterone and estrogens: What do we know?. European Journal of Pharmacology, 2021, 899, 173998.	1.7	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. Neuropharmacology, 2018, 128, 168-180.	2.0	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. Journal of Sexual Medicine, 2013, 10, 719-729.	0.3	30
41	Effects of environmental enrichment on growth, aggressive behaviour and brain monoamines of gilthead seabream Sparus aurata reared under different social conditions. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2014, 169, 25-32.	0.8	27
42	Effect of Levodopa on Reward and Impulsivity in a Rat Model of Parkinsonâ€™s Disease. Frontiers in Behavioral Neuroscience, 2017, 11, 145.	1.0	26
43	Neudesin is involved in anxiety behavior: structural and neurochemical correlates. Frontiers in Behavioral Neuroscience, 2013, 7, 119.	1.0	25
44	Do corticosterone levels predict female depressiveâ€like behavior in rodents?. Journal of Neuroscience Research, 2021, 99, 324-331.	1.3	25
45	Kinoscope: An Open-Source Computer Program for Behavioral Pharmacologists. Frontiers in Behavioral Neuroscience, 2017, 11, 88.	1.0	24
46	Blue substrate modifies the time course of stress response in gilthead seabream Sparus aurata. Aquaculture, 2014, 420-421, 247-253.	1.7	23
47	Head shaking in the forced swim test: A robust but unexplored sex difference. Pharmacology Biochemistry and Behavior, 2017, 152, 90-96.	1.3	22
48	Stress induced risk-aversion is reverted by D2/D3 agonist in the rat. European Neuropsychopharmacology, 2015, 25, 1744-1752.	0.3	21
49	Pharmacogenetic Insights into Depression and Antidepressant Response: Does Sex Matter?. Current Pharmaceutical Design, 2010, 16, 2214-2223.	0.9	20
50	Neuroplasticity-related correlates of environmental enrichment combined with physical activity differ between the sexes. European Neuropsychopharmacology, 2019, 29, 1-15.	0.3	20
51	Escalating lowâ€dose Î”⁹â€tetrahydrocannabinol exposure during adolescence induces differential behavioral and neurochemical effects in male and female adult rats. European Journal of Neuroscience, 2020, 52, 2681-2693.	1.2	20
52	Acute but not sustained aromatase inhibition displays antidepressant properties. International Journal of Neuropsychopharmacology, 2014, 17, 1307-1313.	1.0	18
53	Environmental enrichment induces changes in brain monoamine levels in gilthead seabream Sparus aurata. Physiology and Behavior, 2014, 130, 85-90.	1.0	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. FÃ¬toterapÃ¬Ã¢, 2018, 129, 62-72.	1.1	18

#	Article	IF	Citations
55	Detrimental effects of adolescent escalating lowâ€dose Î”⁹â€tetrahydrocannabinol leads to a specific bioâ€behavioural profile in adult male rats. British Journal of Pharmacology, 2021, 178, 1722-1736.	2.7	18
56	Oxotechnetium 99mTcO[SN(R)S][S] complexes as potential 5-HT1A receptor imaging agents. Nuclear Medicine and Biology, 2002, 29, 825-832.	0.3	16
57	Sex-dependent neurochemical effects of environmental enrichment in the visual system. Neuroscience, 2013, 254, 130-140.	1.1	15
58	The effect of treatment response on endothelial function and arterial stiffness in depression. A prospective study. Journal of Affective Disorders, 2019, 252, 190-200.	2.0	15
59	Implications of sex-related differences in central nervous system disorders for drug research and development. Nature Reviews Drug Discovery, 2021, 20, 881-882.	21.5	15
60	Allosteric modulation of AMPA receptors counteracts Tau-related excitotoxic synaptic signaling and memory deficits in stress- and AÎ²-evoked hippocampal pathology. Molecular Psychiatry, 2021, 26, 5899-5911.	4.1	12
61	Sex matters in neuroscience and neuropsychopharmacology. European Journal of Neuroscience, 2020, 52, 2423-2428.	1.2	12
62	Womenâ€™s Psychiatry. Advances in Experimental Medicine and Biology, 2019, 1192, 225-249.	0.8	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 Crocus sativus L. bioactive component. Journal of Pharmaceutical and Biomedical Analysis, 2020, 177, 112878.	1.4	11
64	Psychoactive properties of BNN27, a novel neurosteroid derivate, in male and female rats. Psychopharmacology, 2020, 237, 2435-2449.	1.5	11
65	Effect of sertraline on central serotonin and hippocampal plasticity in pregnant and non-pregnant rats. Neuropharmacology, 2020, 166, 107950.	2.0	11
66	Pharmacogenetic considerations for late life depression therapy. Expert Opinion on Drug Metabolism and Toxicology, 2013, 9, 989-999.	1.5	9
67	Innovative screening models for the discovery of new schizophrenia drug therapies: an integrated approach. Expert Opinion on Drug Discovery, 2021, 16, 791-806.	2.5	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. Molecules, 2020, 25, 5000.	1.7	7
70	PEERS â€” An Open Science â€œPlatform for the Exchange of Experimental Research Standardsâ€•in Biomedicine. Frontiers in Behavioral Neuroscience, 2021, 15, 755812.	1.0	7
71	Sex Differences in Bloodâ€“Brain Barrier Transport of Psychotropic Drugs. Frontiers in Behavioral Neuroscience, 2022, 16, .	1.0	7
72	Xanthotoxin affects depression-related behavior and neurotransmitters content in a sex-dependent manner in mice. Behavioural Brain Research, 2021, 399, 112985.	1.2	6

#	Article	IF	Citations
73	Nucleus Reuniens Lesion and Antidepressant Treatment Prevent Hippocampal Neurostructural Alterations Induced by Chronic Mild Stress in Male Rats. Neuroscience, 2021, 454, 85-93.	1.1	5
74	Imperatorin Influences Depressive-like Behaviors: A Preclinical Study on Behavioral and Neurochemical Sex Differences. Molecules, 2022, 27, 1179.	1.7	5
75	Synthesis, labelling with ^{99m}Tc and biological study of a novel 5â€HT_{1A} receptor ligand. Journal of Labelled Compounds and Radiopharmaceuticals, 2001, 44, S550.	0.5	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. Neuroscience Letters, 2020, 737, 135309.	1.0	2
78	Combination of chronic mild stress and forced swim test in male and female rats: Behavioral and neurochemical effects. European Neuropsychopharmacology, 2002, 12, 249.	0.3	1
79	P.2.026 Hippocampus and prefrontal cortex communication is required for depressive-like behavior in rats. European Neuropsychopharmacology, 2014, 24, S50-S51.	0.3	1
80	Forced swim stress in male and female rats: Behavioral and neurochemical effects. European Neuropsychopharmacology, 2002, 12, 249.	0.3	0
81	P.1.012 Sex and brain regional differences intissue levels of excitatory amino acids in a rat model of depression. European Neuropsychopharmacology, 2005, 15, S109-S110.	0.3	0
82	Sertraline treatment attenuates the sex differentiated behavioural stress response in the rat forced swim test. European Psychiatry, 2011, 26, 802-802.	0.1	0
83	P.2.d.011 Sex differences in antidepressant response following adrenalectomy and stable corticosterone replacement. European Neuropsychopharmacology, 2012, 22, S273-S274.	0.3	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. European Psychiatry, 2016, 33, S544-S544.	0.1	0
86	Sex differences in experimental studies of depression: How can clinical research benefit?. European Psychiatry, 2017, 41, s905-s905.	0.1	0
87	Mini-reviews based on the First Conference of the Institute of Stress Biology & Medicine â€œSystems Biology-Medicine and Stressâ€• Hormones, 2018, 17, 3-4.	0.9	0
88	Voices of women in neuroscience. Journal of Neuroscience Research, 2021, 99, 7-8.	1.3	0
89	Development and validation of a UPLC method for quantifying trans-crocin 4 and crocetin from saffron in plasma: A pharmacokinetic study. Planta Medica, 2016, 81, S1-S381.	0.7	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.. Planta Medica International Open, 2017, 4, .	0.3	0

#	Article	IF	Citations
91	P.0075 Sex differences in anxiolytic and antidepressant response following subacute drug treatment: the effect of the oestrous cycle. European Neuropsychopharmacology, 2021, 53, S53-S54.	0.3	0