Nikolaos Kokras

List of Publications by Year
in descending order

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84 papers	2,838 citations	201385 27 h-index	182168 51 g-index
95 all docs	95 docs citations	95 times ranked	3184 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	Chronic mild stress impact: Are females more vulnerable?. Neuroscience, 2005, 135, 703-714.	1.1	279
3	Sex Differences in Animal Models of Depression and Antidepressant Response. Basic and Clinical Pharmacology and Toxicology, 2010, 106, 226-233.	1.2	207
4	Sex differences in the effects of two stress paradigms on dopaminergic neurotransmission. Physiology and Behavior, 2008, 93, 595-605.	1.0	154
5	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
6	Forced swim test: What about females?. Neuropharmacology, 2015, 99, 408-421.	2.0	117
7	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
8	Behavioral sexual dimorphism in models of anxiety and depression due to changes in HPA axis activity. Neuropharmacology, 2012, 62, 436-445.	2.0	89
9	Preclinical sex differences in depression and antidepressant response: Implications for clinical research. Journal of Neuroscience Research, 2017, 95, 731-736.	1.3	77
10	Sex differences in behavioral and neurochemical effects of gonadectomy and aromatase inhibition in rats. Psychoneuroendocrinology, 2018, 87, 93-107.	1.3	76
11	Sex differences in pharmacokinetics of antidepressants. Expert Opinion on Drug Metabolism and Toxicology, 2011, 7, 213-226.	1.5	71
12	Sex-related differential response to clomipramine treatment in a rat model of depression. Journal of Psychopharmacology, 2009, 23, 945-956.	2.0	68
13	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
14	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
15	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
16	The nucleus reuniens: a key node in the neurocircuitry of stress and depression. Molecular Psychiatry, 2018, 23, 579-586.	4.1	47
17	The positive effect on ketamine as a priming adjuvant in antidepressant treatment. Translational Psychiatry, 2015, 5, e573-e573.	2.4	41
18	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

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19	Increased co-morbidity of depression and post-traumatic stress disorder symptoms and common risk factors in intensive care unit survivors: A two-year follow-up study. International Journal of Psychiatry in Clinical Practice, 2014, 18, 25-31.	1.2	38
20	Personality characteristics and individual factors associated with PTSD in firefighters one month after extended wildfires. Nordic Journal of Psychiatry, 2018, 72, 17-23.	0.7	38
21	Antidepressants induce regionally discrete, sex-dependent changes in brain's glutamate content. Neuroscience Letters, 2009, 464, 98-102.	1.0	37
22	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
23	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
24	Citalopram-mediated anxiolysis and differing neurobiological responses in both sexes of a genetic model of depression. Neuroscience, 2011, 194, 62-71.	1.1	35
25	Antidepressantsâ€™ effects on testosterone and estrogens: What do we know?. European Journal of Pharmacology, 2021, 899, 173998.	1.7	33
26	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
27	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
28	Acetyl Cholinesterase Inhibitors and Cell-Derived Peripheral Inflammatory Cytokines in Early Stages of Alzheimer's Disease. Journal of Clinical Psychopharmacology, 2018, 38, 138-143.	0.7	27
29	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
30	Neudesin is involved in anxiety behavior: structural and neurochemical correlates. Frontiers in Behavioral Neuroscience, 2013, 7, 119.	1.0	25
31	Do corticosterone levels predict female depressiveâ€like behavior in rodents?. Journal of Neuroscience Research, 2021, 99, 324-331.	1.3	25
32	Kinoscope: An Open-Source Computer Program for Behavioral Pharmacologists. Frontiers in Behavioral Neuroscience, 2017, 11, 88.	1.0	24
33	Head shaking in the forced swim test: A robust but unexplored sex difference. Pharmacology Biochemistry and Behavior, 2017, 152, 90-96.	1.3	22
34	Stress induced risk-aversion is reverted by D2/D3 agonist in the rat. European Neuropsychopharmacology, 2015, 25, 1744-1752.	0.3	21
35	Neuroplasticity-related correlates of environmental enrichment combined with physical activity differ between the sexes. European Neuropsychopharmacology, 2019, 29, 1-15.	0.3	20
36	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

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37	Bupropion-Induced Sleepwalking. Journal of Clinical Psychopharmacology, 2010, 30, 83-84.	0.7	19
38	Acute but not sustained aromatase inhibition displays antidepressant properties. International Journal of Neuropsychopharmacology, 2014, 17, 1307-1313.	1.0	18
39	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
40	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
41	Predicting insomnia in medical wards: the effect of anxiety, depression and admission diagnosis. General Hospital Psychiatry, 2011, 33, 78-81.	1.2	17
42	Cardiac Rhythm Management Devices and Electroconvulsive Therapy. Journal of ECT, 2011, 27, 214-220.	0.3	16
43	Adjunctive Low-Dose Amisulpride in Motor Conversion Disorder. Clinical Neuropharmacology, 2009, 32, 342-343.	0.2	15
44	Sex-dependent neurochemical effects of environmental enrichment in the visual system. Neuroscience, 2013, 254, 130-140.	1.1	15
45	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
46	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
47	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
48	Sex matters in neuroscience and neuropsychopharmacology. European Journal of Neuroscience, 2020, 52, 2423-2428.	1.2	12
49	Womenâ€™s Psychiatry. Advances in Experimental Medicine and Biology, 2019, 1192, 225-249.	0.8	12
50	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
51	Psychoactive properties of BNN27, a novel neurosteroid derivate, in male and female rats. Psychopharmacology, 2020, 237, 2435-2449.	1.5	11
52	Effect of sertraline on central serotonin and hippocampal plasticity in pregnant and non-pregnant rats. Neuropharmacology, 2020, 166, 107950.	2.0	11
53	Pharmacogenetic considerations for late life depression therapy. Expert Opinion on Drug Metabolism and Toxicology, 2013, 9, 989-999.	1.5	9
54	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

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55	Association of menopausal symptoms with sociodemographic factors and personality traits. Przeglad Menopauzalny, 2019, 18, 191-197.	0.6	7
56	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
57	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
58	Sex Differences in Bloodâ€“Brain Barrier Transport of Psychotropic Drugs. Frontiers in Behavioral Neuroscience, 2022, 16, .	1.0	7
59	Xanthotoxin affects depression-related behavior and neurotransmitters content in a sex-dependent manner in mice. Behavioural Brain Research, 2021, 399, 112985.	1.2	6
60	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
61	Imperatorin Influences Depressive-like Behaviors: A Preclinical Study on Behavioral and Neurochemical Sex Differences. Molecules, 2022, 27, 1179.	1.7	5
62	A Severe and Irreversible Case of Tardive Rigid-Akinetic Parkinsonian Syndrome. Journal of Psychiatric Practice, 2013, 19, 413-418.	0.3	4
63	Psychological but not vasomotor symptoms are associated with temperament and character traits. Climacteric, 2014, 17, 500-509.	1.1	4
64	Maternal and Infant Pharmacokinetics of Psychotropic Medications During Pregnancy and Lactation. , 2019, , 17-35.		2
65	Mesocorticolimbic monoamines in a rodent model of chronic neuropathic pain. Neuroscience Letters, 2020, 737, 135309.	1.0	2
66	Off-Target Effects of Antidepressants on Vascular Function and Structure. Biomedicines, 2022, 10, 56.	1.4	2
67	A survey on psychiatric training in greece from traineesâ€™ perspective. European Psychiatry, 2011, 26, 1730-1730.	0.1	1
68	Dysfunctional remembered parenting in oncology outpatients affects psychological distress symptoms in a genderâ€specific manner. Stress and Health, 2012, 28, 381-388.	1.4	1
69	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
70	Differences in cause and 12-month follow-up outcome of parkinsonian symptoms in depressed older adults treated with antipsychotics: a case series. BMC Psychiatry, 2021, 21, 289.	1.1	1
71	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
72	P.2.d.01l Anxiety profile and arginine vasopressin receptor 1B (AvpMb) expression in male and female flinders rats after chronic antidepressant treatment. European Neuropsychopharmacology, 2009, 19, S436.	0.3	0

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73	Differences in the prevalence of insomnia and their predictive value in patients with deliberate drug self-poisoning. European Psychiatry, 2011, 26, 1622-1622.	0.1	0
74	Sertraline treatment attenuates the sex differentiated behavioural stress response in the rat forced swim test. European Psychiatry, 2011, 26, 802-802.	0.1	0
75	P.2.d.011 Sex differences in antidepressant response following adrenalectomy and stable corticosterone replacement. European Neuropsychopharmacology, 2012, 22, S273-S274.	0.3	0
76	P.2.b.045 Treatment of major depression reduces arterial stiffness. European Neuropsychopharmacology, 2013, 23, S345-S346.	0.3	0
77	O2-12-06: Microtubule-associated protein tau is important for stress-driven depressive pathology and cognitive deficits. , 2015, 11, P204-P204.		0
78	Young Psychiatristsâ€™ Network. Between Past and Future. European Psychiatry, 2016, 33, S436-S437.	0.1	0
79	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
80	Sex differences in experimental studies of depression: How can clinical research benefit?. European Psychiatry, 2017, 41, s905-s905.	0.1	0
81	Basic Vital Functions and Instincts. , 2019, , 73-109.		0
82	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
83	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
84	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