

Jana Ruda-Kucerova

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,462
citations

331670

21
h-index

330143

37
g-index

65
all docs

65
docs citations

65
times ranked

2015
citing authors

#	ARTICLE	IF	CITATIONS
1	Health safety issues of synthetic food colorants. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 73, 914-922.	2.7	359
2	Anticancer Activity of Artemisinin and its Derivatives. <i>Anticancer Research</i> , 2017, 37, 5995-6003.	1.1	104
3	Principles of diffusion kurtosis imaging and its role in early diagnosis of neurodegenerative disorders. <i>Brain Research Bulletin</i> , 2018, 139, 91-98.	3.0	72
4	Sex Differences in the Reinstatement of Methamphetamine Seeking after Forced Abstinence in Sprague-Dawley Rats. <i>Frontiers in Psychiatry</i> , 2015, 6, 91.	2.6	64
5	HDAC1 and HDAC3 underlie dynamic H3K9 acetylation during embryonic neurogenesis and in schizophrenia-like animals. <i>Journal of Cellular Physiology</i> , 2018, 233, 530-548.	4.1	61
6	Peripubertal cannabidiol treatment rescues behavioral and neurochemical abnormalities in the MAM model of schizophrenia. <i>Neuropharmacology</i> , 2019, 146, 212-221.	4.1	59
7	Therapeutic Potential of Cannabinoids in Schizophrenia. <i>Recent Patents on CNS Drug Discovery</i> , 2014, 9, 13-25.	0.9	57
8	Leading compounds for the validation of animal models of psychopathology. <i>Cell and Tissue Research</i> , 2013, 354, 309-330.	2.9	53
9	Crosstalk between the transcriptional regulation of dopamine D2 and cannabinoid CB1 receptors in schizophrenia: Analyses in patients and in perinatal δ^9 -tetrahydrocannabinol-exposed rats. <i>Pharmacological Research</i> , 2021, 164, 105357.	7.1	43
10	The common pathophysiology underlying the metabolic syndrome, schizophrenia and depression. A review. <i>Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia</i> , 2015, 159, 208-214.	0.6	38
11	Altered dopamine D3 receptor gene expression in MAM model of schizophrenia is reversed by peripubertal cannabidiol treatment. <i>Biochemical Pharmacology</i> , 2020, 177, 114004.	4.4	36
12	Reactivity to addictive drugs in the methylazoxymethanol (MAM) model of schizophrenia in male and female rats. <i>World Journal of Biological Psychiatry</i> , 2017, 18, 129-142.	2.6	33
13	Enhanced self-administration of the CB1 receptor agonist WIN55,212-2 in olfactory bulbectomized rats: evaluation of possible serotonergic and dopaminergic underlying mechanisms. <i>Frontiers in Pharmacology</i> , 2014, 5, 44.	3.5	32
14	The effects of methamphetamine self-administration on behavioural sensitization in the olfactory bulbectomy rat model of depression. <i>International Journal of Neuropsychopharmacology</i> , 2012, 15, 1503-1511.	2.1	28
15	Olanzapine-depot administration induces time-dependent changes in adipose tissue endocrine function in rats. <i>Psychoneuroendocrinology</i> , 2016, 73, 177-185.	2.7	28
16	Early and progressive microstructural brain changes in mice overexpressing human δ -Synuclein detected by diffusion kurtosis imaging. <i>Brain, Behavior, and Immunity</i> , 2017, 61, 197-208.	4.1	28
17	Different effects of prenatal MAM vs. perinatal THC exposure on regional cerebral blood perfusion detected by Arterial Spin Labelling MRI in rats. <i>Scientific Reports</i> , 2019, 9, 6062.	3.3	26
18	Low Vs. High Alcohol: Central Benefits Vs. Detriments. <i>Neurotoxicity Research</i> , 2018, 34, 860-869.	2.7	24

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19	Differential characteristics of ketamine self-administration in the olfactory bulbectomy model of depression in male rats.. <i>Experimental and Clinical Psychopharmacology</i> , 2017, 25, 84-93.	1.8	23
20	Role of the Endocannabinoid System in Depression: from Preclinical to Clinical Evidence. , 2015, , 97-129.		22
21	Reward related neurotransmitter changes in a model of depression: An in vivo microdialysis study. <i>World Journal of Biological Psychiatry</i> , 2015, 16, 521-535.	2.6	22
22	Both ketamine and NBQX attenuate alcohol drinking in male Wistar rats. <i>Neuroscience Letters</i> , 2018, 666, 175-180.	2.1	21
23	Poly(l:C) model of schizophrenia in rats induces sex-dependent functional brain changes detected by MRI that are not reversed by aripiprazole treatment. <i>Brain Research Bulletin</i> , 2018, 137, 146-155.	3.0	21
24	Suppression of Methamphetamine Self-Administration by Ketamine Pre-treatment Is Absent in the Methylazoxymethanol (MAM) Rat Model of Schizophrenia. <i>Neurotoxicity Research</i> , 2017, 32, 121-133.	2.7	19
25	Late-stage α -synuclein accumulation in TNWT61 mouse model of Parkinson's disease detected by diffusion kurtosis imaging. <i>Journal of Neurochemistry</i> , 2016, 136, 1259-1269.	3.9	18
26	Diffusion Kurtosis Imaging Detects Microstructural Alterations in Brain of α -Synuclein Overexpressing Transgenic Mouse Model of Parkinson's Disease: A Pilot Study. <i>Neurotoxicity Research</i> , 2015, 28, 281-289.	2.7	17
27	Aripiprazole-induced adverse metabolic alterations in poly(l:C) neurodevelopmental model of schizophrenia in rats. <i>Neuropharmacology</i> , 2017, 123, 148-158.	4.1	16
28	Diffusion Kurtosis Imaging Detects Microstructural Changes in a Methamphetamine-Induced Mouse Model of Parkinson's Disease. <i>Neurotoxicity Research</i> , 2019, 36, 724-735.	2.7	12
29	Metabolic profile of methylazoxymethanol model of schizophrenia in rats and effects of three antipsychotics in long-acting formulation. <i>Toxicology and Applied Pharmacology</i> , 2020, 406, 115214.	2.8	12
30	Diffusion kurtosis imaging detects the time-dependent progress of pathological changes in the oral rotenone mouse model of Parkinson's disease. <i>Journal of Neurochemistry</i> , 2021, 158, 779-797.	3.9	12
31	Depot risperidone-induced adverse metabolic alterations in female rats. <i>Journal of Psychopharmacology</i> , 2017, 31, 487-499.	4.0	11
32	Interacting effects of the MAM model of schizophrenia and antipsychotic treatment: Untargeted proteomics approach in adipose tissue. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 108, 110165.	4.8	10
33	Olfactory bulbectomy increases reinstatement of methamphetamine seeking after a forced abstinence in rats. <i>Behavioural Brain Research</i> , 2016, 297, 20-27.	2.2	9
34	Effects of low-dose alcohol exposure in adolescence on subsequent alcohol drinking in adulthood in a rat model of depression. <i>World Journal of Biological Psychiatry</i> , 2021, 22, 757-769.	2.6	9
35	Early Blockade of CB1 Receptors Ameliorates Schizophrenia-like Alterations in the Neurodevelopmental MAM Model of Schizophrenia. <i>Biomolecules</i> , 2022, 12, 108.	4.0	9
36	Improved Pharmacokinetics and Tissue Uptake of Complexed Daidzein in Rats. <i>Pharmaceutics</i> , 2020, 12, 162.	4.5	8

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37	Prenatal exposure to modafinil alters behavioural response to methamphetamine in adult male mice. <i>International Journal of Developmental Neuroscience</i> , 2018, 67, 37-45.	1.6	7
38	Sex and Feeding Status Differently Affect Natural Reward Seeking Behavior in Olfactory Bulbectomized Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 255.	2.0	7
39	Olanzapine exposure diminishes perfusion and decreases volume of sensorimotor cortex in rats. <i>Pharmacological Reports</i> , 2019, 71, 839-847.	3.3	6
40	Oral administration of BDNF and/or GDNF normalizes serum BDNF level in the olfactory bulbectomized rats: A proof of concept study. <i>Pharmacological Reports</i> , 2019, 71, 669-675.	3.3	5
41	NBQX attenuates relapse of nicotine seeking but not nicotine and methamphetamine self-administration in rats. <i>World Journal of Biological Psychiatry</i> , 2021, 22, 733-743.	2.6	5
42	PRENATAL EXPOSURE TO MODAFINIL ALTERS LOCOMOTOR BEHAVIOUR AND LEUCOCYTE PHAGOCYTOSIS IN MICE. <i>Psychiatria Danubina</i> , 0, 30, 356-366.	0.4	2
43	Olfactory Bulbectomy in Methamphetamine-Treated Rat Mothers Induces Impairment in Somatic and Functional Development of Their Offspring. <i>Physiological Research</i> , 2017, 66, S469-S479.	0.9	2
44	Depressive-like phenotype enhances relapse of nicotine seeking after forced abstinence in rats. <i>World Journal of Biological Psychiatry</i> , 2023, 24, 46-57.	2.6	2
45	P.6.d.011 Gender differences in effects of MDMA, cannabinoid agonist and their combinations in mice. <i>European Neuropsychopharmacology</i> , 2006, 16, S512-S513.	0.7	0
46	P.4.06 Aripiprazole impact on methamphetamine i.v. self-administration in the olfactory-bulbectomy model of depression in rats. <i>European Neuropsychopharmacology</i> , 2009, 19, S84-S85.	0.7	0
47	P.3.a.005 Structural and behavioural changes in a rodent developmental disruption model of schizophrenia. <i>European Neuropsychopharmacology</i> , 2014, 24, S486.	0.7	0
48	Sex differences in a neurodevelopmental animal model of schizophrenia: focus on white matter structures and myelin. <i>European Neuropsychopharmacology</i> , 2017, 27, S890-S891.	0.7	0
49	Peripubertal treatment with cannabidiol reverses behavioral alterations in Δ^9 -THC animal model of schizophrenia. <i>European Neuropsychopharmacology</i> , 2019, 29, S257-S258.	0.7	0
50	Validation of Diffusion Kurtosis as an Early-Stage Biomarker of Parkinson's in Animal Models. <i>Neuroinformatics</i> , 2022, , 429-455.	0.3	0
51	Effectiveness of marigold (<i>Calendula officinalis</i> , L.) in dermatology. <i>PraktickÃ© LÃ©kÃ¡renstvÃ©</i> ; 2017, 13, e36-e41.	0.1	0