

Mikyung Kim

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

315
citations

840585

11
h-index

996849

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all docs

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docs citations

28
times ranked

302
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurobiological Functions of the Period Circadian Clock 2 Gene, <i>Per2</i> . <i>Biomolecules and Therapeutics</i> , 2018, 26, 358-367.	1.1	35
2	A tryptic hydrolysate from bovine milk β -casein enhances pentobarbital-induced sleep in mice via the GABAA receptor. <i>Behavioural Brain Research</i> , 2016, 313, 184-190.	1.2	25
3	25-Methoxy-NBOMe, a novel N-methoxybenzylphenethylamine (NBOMe) derivative, may induce rewarding and reinforcing effects via a dopaminergic mechanism: Evidence of abuse potential. <i>Addiction Biology</i> , 2020, 25, e12850.	1.4	24
4	The circadian gene, <i>Per2</i> , influences methamphetamine sensitization and reward through the dopaminergic system in the striatum of mice. <i>Addiction Biology</i> , 2019, 24, 946-957.	1.4	23
5	Overexpression of the Thyroid Hormone-Responsive (THRSP) Gene in the Striatum Leads to the Development of Inattentive-like Phenotype in Mice. <i>Neuroscience</i> , 2018, 390, 141-150.	1.1	20
6	The novel methoxetamine analogs N-ethyl-norketamine hydrochloride (NENK), 2-MeO-N-ethylketamine hydrochloride (2-MeO-NEK), and 4-MeO-N-ethylketamine hydrochloride (4-MeO-NEK) elicit rapid antidepressant effects via activation of AMPA and 5-HT2 receptors. <i>Psychopharmacology</i> , 2019, 236, 2201-2210.	1.5	16
7	4-MeO-PCP and 3-MeO-PCMo, new dissociative drugs, produce rewarding and reinforcing effects through activation of mesolimbic dopamine pathway and alteration of accumbal CREB, deltaFosB, and BDNF levels. <i>Psychopharmacology</i> , 2020, 237, 757-772.	1.5	15
8	Two newly-emerging substituted phenethylamines MAL and BOD induce differential psychopharmacological effects in rodents. <i>Journal of Psychopharmacology</i> , 2020, 34, 1056-1067.	2.0	14
9	A novel synthetic cathinone, 2-(methylamino)-1-(naphthalen-2-yl) propan-1-one (BMAPN), produced rewarding effects and altered striatal dopamine-related gene expression in mice. <i>Behavioural Brain Research</i> , 2017, 317, 494-501.	1.2	13
10	Evaluation of the Abuse Potential of Novel Amphetamine Derivatives with Modifications on the Amine (NBNA) and Phenyl (EDA, PMEA, 2-APN) Sites. <i>Biomolecules and Therapeutics</i> , 2017, 25, 578-585.	1.1	13
11	5-Methoxy-methyltryptamine (5-MeO-AMT), a tryptamine derivative, induces head-twitch responses in mice through the activation of serotonin receptor 2a in the prefrontal cortex. <i>Behavioural Brain Research</i> , 2019, 359, 828-835.	1.2	12
12	Low striatal T3 is implicated in inattention and memory impairment in an ADHD mouse model overexpressing thyroid hormone-responsive protein. <i>Communications Biology</i> , 2021, 4, 1101.	2.0	12
13	The abuse potential of two novel synthetic cathinones with modification on the alpha-carbon position, 2-cyclohexyl-2-(methylamino)-1-phenylethanone (MACHP) and 2-(methylamino)-1-phenyloctan-1-one (MAOP), and their effects on dopaminergic activity. <i>Pharmacology Biochemistry and Behavior</i> , 2017, 153, 160-167.	1.3	11
14	The potential rewarding and reinforcing effects of the substituted benzofurans 2-EAPB and 5-EAPB in rodents. <i>European Journal of Pharmacology</i> , 2020, 885, 173527.	1.7	10
15	The Abuse Potential of \pm -Piperidinopropiophenone (PIPP) and \pm -Piperidinopentiophenone (PIPT), Two New Synthetic Cathinones with Piperidine Ring Substituent. <i>Biomolecules and Therapeutics</i> , 2017, 25, 122-129.	1.1	10
16	Four Novel Synthetic Tryptamine Analogs Induce Head-Twitch Responses and Increase 5-HT2a in the Prefrontal Cortex in Mice. <i>Biomolecules and Therapeutics</i> , 2020, 28, 83-91.	1.1	9
17	Regulation of clock and clock-controlled genes during morphine reward and reinforcement: Involvement of the period 2 circadian clock. <i>Journal of Psychopharmacology</i> , 2022, 36, 875-891.	2.0	8
18	A new synthetic drug 5-(2-aminopropyl)indole (5-IT) induces rewarding effects and increases dopamine D1 receptor and dopamine transporter mRNA levels. <i>Behavioural Brain Research</i> , 2018, 341, 122-128.	1.2	7

#	ARTICLE	IF	CITATIONS
19	The dopaminergic alterations induced by 4-APCP and 4-Keto-PCP may enhance their drug-induced rewarding and reinforcing effects: Implications for abuse. <i>Addiction Biology</i> , 2021, 26, e12981.	1.4	7
20	Catalpol and Mannitol, Two Components of <i>Rehmannia glutinosa</i> , Exhibit Anticonvulsant Effects Probably via GABAA Receptor Regulation. <i>Biomolecules and Therapeutics</i> , 2020, 28, 137-144.	1.1	7
21	Gene Expression Profiling in the Striatum of Per2 KO Mice Exhibiting More Vulnerable Responses against Methamphetamine. <i>Biomolecules and Therapeutics</i> , 2021, 29, 135-143.	1.1	6
22	Per2 Expression Regulates the Spatial Working Memory of Mice through DRD1-PKA-CREB Signaling. <i>Molecular Neurobiology</i> , 2022, 59, 4292-4303.	1.9	6
23	1-Phenylcyclohexan-1-amine hydrochloride (PCA HCl) alters mesolimbic dopamine system accompanied by neuroplastic changes: A neuropsychopharmacological evaluation in rodents. <i>Neurochemistry International</i> , 2021, 144, 104962.	1.9	5
24	Cellular messenger molecules mediating addictive drug-induced cognitive impairment: cannabinoids, ketamine, methamphetamine, and cocaine. <i>Future Journal of Pharmaceutical Sciences</i> , 2022, 8, .	1.1	4
25	Protection Against Electroshock- and Pentylentetrazol-induced Seizures by the Water Extract of <i>Rehmannia glutinosa</i> can be Mediated through GABA Receptor-chloride Channel Complexes. <i>Natural Product Sciences</i> , 2017, 23, 40.	0.2	2
26	Effects of Red Ginseng on Exercise Capacity and Peripheral Fatigue in Mice. <i>Physical Therapy Rehabilitation Science</i> , 2021, 10, 175-184.	0.1	1
27	A transgenic mouse disrupted a circadian clock-related gene showed increased locomotor sensitization and conditioned place preference toward methamphetamine. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-1-84.	0.0	0
28	Differentially Expressed Genes in <i>Period 2</i> -Overexpressing Mice Striatum May Underlie Their Lower Sensitivity to Methamphetamine Addiction-Like Behavior. <i>Biomolecules and Therapeutics</i> , 2022, 30, 238-245.	1.1	0