Hee Jin Kim

List of Publications by Citations

63 papers	596 citations	13 h-index	21 g-index
66 ext. papers	747 ext. citations	4.2 avg, IF	3.71 L-index

#	Paper	IF	Citations
63	Methoxetamine, a ketamine derivative, produced conditioned place preference and was self-administered by rats: Evidence of its abuse potential. *Pharmacology Biochemistry and Behavior*, **2015**, 133, 31-6	3.9	47
62	Repeated neonatal propofol administration induces sex-dependent long-term impairments on spatial and recognition memory in rats. *Biomolecules and Therapeutics*, **2015**, 23, 251-60	4.2	27
61	Behavioral evidence for the abuse potential of the novel synthetic cathinone alpha-pyrrolidinopentiothiophenone (PVT) in rodents. *Psychopharmacology*, **2017**, 234, 857-867	4.7	26
60	Neurobiological Functions of the Period Circadian Clock 2 Gene,. *Biomolecules and Therapeutics*, **2018**, 26, 358-367	4.2	26
59	Conditioned place preference and self-administration induced by nicotine in adolescent and adult rats. *Biomolecules and Therapeutics*, **2014**, 22, 460-6	4.2	25
58	Polypharmacology of N-(3-Iodobenzyl)adenosine-5RN-methyluronamide (IB-MECA) and Related A Adenosine Receptor Ligands: Peroxisome Proliferator Activated Receptor (PPAR) Partial Agonist and PPAR Antagonist Activity Suggests Their Antidiabetic Potential. *Journal of Medicinal Chemistry*, **2017**, 60, 7459-7475	8.3	24
57	Treatment of GABA from Fermented Rice Germ Ameliorates Caffeine-Induced Sleep Disturbance in Mice. *Biomolecules and Therapeutics*, **2015**, 23, 268-74	4.2	24
56	Rearing in an enriched environment attenuated hyperactivity and inattention in the Spontaneously Hypertensive Rats, an animal model of Attention-Deficit Hyperactivity Disorder. *Physiology and Behavior*, **2016**, 155, 30-7	3.5	23
55	Ursolic acid enhances pentobarbital-induced sleeping behaviors via GABAergic neurotransmission in mice. *European Journal of Pharmacology*, **2015**, 762, 443-8	5.3	21
54	Effects of ginseol k-g3, an Rg3-enriched fraction, on scopolamine-induced memory impairment and learning deficit in mice. *Journal of Ginseng Research*, **2014**, 38, 1-7	5.8	21
53	Cigarette smoke exposure during adolescence enhances sensitivity to the rewarding effects of nicotine in adulthood, even after a long period of abstinence. *Neuropharmacology*, **2015**, 99, 9-14	5.5	20
52	A tryptic hydrolysate from bovine milk S1-casein enhances pentobarbital-induced sleep in mice via the GABAA receptor. *Behavioural Brain Research*, **2016**, 313, 184-190	3.4	19
51	Assessment of the Abuse Liability of Synthetic Cannabinoid Agonists JWH-030, JWH-175, and JWH-176. *Biomolecules and Therapeutics*, **2015**, 23, 590-6	4.2	14
50	The circadian gene, Per2, influences methamphetamine sensitization and reward through the dopaminergic system in the striatum of mice. *Addiction Biology*, **2019**, 24, 946-957	4.6	13
49	Methoxetamine produces rapid and sustained antidepressant effects probably via glutamatergic and serotonergic mechanisms. *Neuropharmacology*, **2017**, 126, 121-127	5.5	13
48	The psychopharmacological activities of Vietnamese ginseng in mice: characterization of its psychomotor, sedative-hypnotic, antistress, anxiolytic, and cognitive effects. *Journal of Ginseng Research*, **2017**, 41, 201-208	5.8	12
47	Sleep Promoting Effect of Luteolin in Mice via Adenosine A1 and A2A Receptors. *Biomolecules and Therapeutics*, **2019**, 27, 584-590	4.2	12

46	Milk Collected at Night Induces Sedative and Anxiolytic-Like Effects and Augments Pentobarbital-Induced Sleeping Behavior in Mice. *Journal of Medicinal Food*, **2015**, 18, 1255-61	2.8	11
45	Evaluation of the Abuse Potential of Novel Amphetamine Derivatives with Modifications on the Amine (NBNA) and Phenyl (EDA, PMEA, 2-APN) Sites. *Biomolecules and Therapeutics*, **2017**, 25, 578-585	4.2	11
44	Supplementation of Korean Red Ginseng improves behavior deviations in animal models of autism. *Food and Nutrition Research*, **2016**, 60, 29245	3.1	11
43	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. *Pharmacology, Biochemistry and Behavior*, **2017**, 152, 160-167	3.9	10
42	The novel methoxetamine analogs N-ethylnorketamine 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-HT receptors. *Psychopharmacology*, **2019**, 236, 2201-2210	4.7	10
41	Methylphenidate and Atomoxetine-Responsive Prefrontal Cortical Genetic Overlaps in "Impulsive" SHR/NCrl and Wistar Rats. *Behavior Genetics*, **2017**, 47, 564-580	3.2	10
40	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. *Behavioural Brain Research*, **2017**, 317, 494-501	3.4	10
39	The Abuse Potential of 4-Piperidinopropiophenone (PIPP) and 4-Piperidinopentiothiophenone (PIVT), Two New Synthetic Cathinones with Piperidine Ring Substituent. *Biomolecules and Therapeutics*, **2017**, 25, 122-129	4.2	10
38	25B-NBOMe, a novel N-2-methoxybenzyl-phenethylamine (NBOMe) derivative, may induce rewarding and reinforcing effects via a dopaminergic mechanism: Evidence of abuse potential. *Addiction Biology*, **2020**, 25, e12850	4.6	10
37	Cigarette smoke exposure during adolescence but not adulthood induces anxiety-like behavior and locomotor stimulation in rats during withdrawal. *International Journal of Developmental Neuroscience*, **2016**, 55, 49-55	2.7	10
36	Artemisia capillaris Thunberg Produces Sedative-Hypnotic Effects in Mice, Which are Probably Mediated Through Potentiation of the GABAA Receptor. *The American Journal of Chinese Medicine*, **2015**, 43, 667-79	6	9
35	5-Methoxy-N-methyltryptamine (5-MeO-AMT), a tryptamine derivative, induces head-twitch responses in mice through the activation of serotonin receptor 2a in the prefrontal cortex. *Behavioural Brain Research*, **2019**, 359, 828-835	3.4	9
34	The Atxn7-overexpressing mice showed hyperactivity and impulsivity which were ameliorated by atomoxetine treatment: A possible animal model of the hyperactive-impulsive phenotype of ADHD. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2019**, 88, 311-319	5.5	9
33	Two newly-emerging substituted phenethylamines MAL and BOD induce differential psychopharmacological effects in rodents. *Journal of Psychopharmacology*, **2020**, 34, 1056-1067	4.6	8
32	Overexpression of the Thyroid Hormone-Responsive (THRSP) Gene in the Striatum Leads to the Development of Inattentive-like Phenotype in Mice. *Neuroscience*, **2018**, 390, 141-150	3.9	7
31	Sex Differences in Autism-Like Behavioral Phenotypes and Postsynaptic Receptors Expression in the Prefrontal Cortex of TERT Transgenic Mice. *Biomolecules and Therapeutics*, **2017**, 25, 374-382	4.2	7
30	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. *Psychopharmacology*, **2020**, 237, 757-772	4.7	7
29	Exploring the Validity of Proposed Transgenic Animal Models of Attention-Deficit Hyperactivity Disorder (ADHD). *Molecular Neurobiology*, **2018**, 55, 3739-3754	6.2	6

28	Maturational delay and asymmetric information flow of brain connectivity in SHR model of ADHD revealed by topological analysis of metabolic networks. *Scientific Reports*, **2020**, 10, 3197	4.9	5
27	A new synthetic drug 5-(2-aminopropyl)indole (5-IT) induces rewarding effects and increases dopamine D1 receptor and dopamine transporter mRNA levels. *Behavioural Brain Research*, **2018**, 341, 122-128	3.4	5
26	Glutathione peroxidase-1 gene rescues cocaine-induced conditioned place preference in mice by inhibiting 1 receptor expression. *Clinical and Experimental Pharmacology and Physiology*, **2019**, 46, 791-797	3	5
25	Alterations of di(n -butyl)phthalate-induced oxidative stress in the testis of hypothyroid rats. *Toxicological and Environmental Chemistry*, **2008**, 90, 113-126	1.4	5
24	The potential rewarding and reinforcing effects of the substituted benzofurans 2-EAPB and 5-EAPB in rodents. *European Journal of Pharmacology*, **2020**, 885, 173527	5.3	5
23	Evaluation of the abuse potential of AM281, a new synthetic cannabinoid CB1 receptor antagonist. *European Journal of Pharmacology*, **2015**, 766, 135-41	5.3	4
22	Involvement of the adenosine A receptor in the hypnotic effect of rosmarinic acid. *Biomedicine and Pharmacotherapy*, **2021**, 146, 112483	7.5	4
21	Methoxetamine: A foe or friend?. *Neurochemistry International*, **2019**, 122, 1-7	4.4	4
20	Four Novel Synthetic Tryptamine Analogs Induce Head-Twitch Responses and Increase 5-HTR2a in the Prefrontal Cortex in Mice. *Biomolecules and Therapeutics*, **2019**, 83-91	4.2	3
19	Catalpol and Mannitol, Two Components of , Exhibit Anticonvulsant Effects Probably via GABA Receptor Regulation. *Biomolecules and Therapeutics*, **2020**, 28, 137-144	4.2	3
18	The potent psychomotor, rewarding and reinforcing properties of 3-fluoromethamphetamine in rodents. *Addiction Biology*, **2020**, 25, e12846	4.6	3
17	The dopaminergic alterations induced by 4-F-PCP and 4-Keto-PCP may enhance their drug-induced rewarding and reinforcing effects: Implications for abuse. *Addiction Biology*, **2021**, 26, e12981	4.6	3
16	R (-)-methoxetamine exerts rapid and sustained antidepressant effects and fewer behavioral side effects relative to S (+)-methoxetamine. *Neuropharmacology*, **2021**, 193, 108619	5.5	3
15	Gene Expression Profiling in the Striatum of KO Mice Exhibiting More Vulnerable Responses against Methamphetamine. *Biomolecules and Therapeutics*, **2021**, 29, 135-143	4.2	2
14	1-Phenylcyclohexan-1-amine hydrochloride (PCA HCl) alters mesolimbic dopamine system accompanied by neuroplastic changes: A neuropsychopharmacological evaluation in rodents. *Neurochemistry International*, **2021**, 144, 104962	4.4	2
13	Low striatal T3 is implicated in inattention and memory impairment in an ADHD mouse model overexpressing thyroid hormone-responsive protein. *Communications Biology*, **2021**, 4, 1101	6.7	2
12	The Abuse Potential of Novel Synthetic Phencyclidine Derivative 1-(1-(4-Fluorophenyl)Cyclohexyl)Piperidine (4RF-PCP) in Rodents. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	1
11	Restoration of Cdk5, TrkB and Soluble N-ethylmaleimide-Sensitive Factor Attachment Protein Receptor Proteins after Chronic Methylphenidate Treatment in Spontaneous Hypertensive Rats, a Model for Attention-Deficit Hyperactivity Disorder. *Psychiatry Investigation*, **2019**, 16, 558-564	3.1	1

10	Protection Against Electroshock- and Pentylenetetrazol-induced Seizures by the Water Extract ofRehmannia glutinouscan be Mediated through GABA Receptor-chloride Channel Complexes. *Natural Product Sciences*, **2017**, 23, 40	1.1	1
9	Alleviating effects of Opuntia ficus indica extracts on psychomotor alterations induced by ethanol in rats. *Food Science and Biotechnology*, **2014**, 23, 2063-2068	3	1
8	Effects of Red Ginseng on Exercise Capacity and Peripheral Fatigue in Mice. *Physical Therapy Rehabilitation Science*, **2021**, 10, 175-184	0.5	1
7	Enantiopure methoxetamine stereoisomers: chiral resolution, conformational analysis, UV-circular dichroism spectroscopy and electronic circular dichroism. *New Journal of Chemistry*, **2021**, 45, 4354-4364	3.6	1
6	Synergistic efficacy and diminished adverse effect profile of composite treatment of several ADHD medications. *Neuropharmacology*, **2021**, 187, 108494	5.5	0
5	Regulation of clock and clock-controlled genes during morphine reward and reinforcement: Involvement of the period 2 circadian clock.. *Journal of Psychopharmacology*, **2022**, 2698811221089040	4.6	0
4	HISTONE DEACETYLASE INHIBITOR, TRICHOSTATIN A, MODULATE EXPRESSIONS OF CELL CYCLE REGULATORY PROTEIN AND TUMOR SUPPRESSOR GENES IN PROSTATE CANCER CELLS. *FASEB Journal*, **2006**, 20, A39	0.9	
3	A transgenic mouse disrupted a circadian clock-related gene showed increased locomotor sensitization and conditioned place preference toward methamphetamine. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, PO1-1-84	0	
2	Regulation of the Activity of Tissue Plasminogen Activator and Plasminogen Activator Inhibitor-1 by Zinc in Rat Primary Astrocytes. *Experimental Neurobiology*, **2009**, 18, 48	4	
1	Differentially Expressed Genes in -Overexpressing Mice Striatum May Underlie Their Lower Sensitivity to Methamphetamine Addiction-Like Behavior.. *Biomolecules and Therapeutics*, **2022**, 30, 238-245	4.2	