Hee Jin Kim

List of Publications by Year
in descending order

65	931	535685 17	651938 25
papers	citations	h-index	g-index

66	66	66	1261
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Involvement of the adenosine A1 receptor in the hypnotic effect of rosmarinic acid. Biomedicine and Pharmacotherapy, 2022, 146, 112483.	2.5	9
2	Behavioral Deficits in Adolescent Mice after Sub-Chronic Administration of NMDA during Early Stage of Postnatal Development. Biomolecules and Therapeutics, 2022, , .	1.1	2
3	Regulation of clock and clock-controlled genes during morphine reward and reinforcement: Involvement of the period 2 circadian clock. Journal of Psychopharmacology, 2022, 36, 875-891.	2.0	8
4	Per2 Expression Regulates the Spatial Working Memory of Mice through DRD1-PKA-CREB Signaling. Molecular Neurobiology, 2022, 59, 4292-4303.	1.9	6
5	Differentially Expressed Genes in Period 2-Overexpressing Mice Striatum May Underlie Their Lower Sensitivity to Methamphetamine Addiction-Like Behavior. Biomolecules and Therapeutics, 2022, 30, 238-245.	1.1	0
6	The dopaminergic alterations induced by 4â€Fâ€PCP and 4â€Ketoâ€PCP may enhance their drugâ€induced rewarding and reinforcing effects: Implications for abuse. Addiction Biology, 2021, 26, e12981.	1.4	7
7	Enantiopure methoxetamine stereoisomers: chiral resolution, conformational analysis, UV-circular dichroism spectroscopy and electronic circular dichroism. New Journal of Chemistry, 2021, 45, 4354-4364.	1.4	3
8	Gene Expression Profiling in the Striatum of Per2 KO Mice Exhibiting More Vulnerable Responses against Methamphetamine. Biomolecules and Therapeutics, 2021, 29, 135-143.	1.1	6
9	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.	1.9	5
10	Synergistic efficacy and diminished adverse effect profile of composite treatment of several ADHD medications. Neuropharmacology, 2021, 187, 108494.	2.0	2
11	Effects of Red Ginseng on Exercise Capacity and Peripheral Fatigue in Mice. Physical Therapy Rehabilitation Science, 2021, 10, 175-184.	0.1	1
12	R (â^')-methoxetamine exerts rapid and sustained antidepressant effects and fewer behavioral side effects relative to S (+)-methoxetamine. Neuropharmacology, 2021, 193, 108619.	2.0	9
13	Low striatal T3 is implicated in inattention and memory impairment in an ADHD mouseÂmodel overexpressing thyroid hormone-responsive protein. Communications Biology, 2021, 4, 1101.	2.0	12
14	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.	1.5	15
15	The potent psychomotor, rewarding and reinforcing properties of 3â€fluoromethamphetamine in rodents. Addiction Biology, 2020, 25, e12846.	1.4	7
16	25Bâ€NBOMe, a novel Nâ€2â€methoxybenzylâ€phenethylamine (NBOMe) derivative, may induce rewarding and reinforcing effects via a dopaminergic mechanism: Evidence of abuse potential. Addiction Biology, 2020, 25, e12850.	1.4	24
17	The potential rewarding and reinforcing effects of the substituted benzofurans 2-EAPB and 5-EAPB in rodents. European Journal of Pharmacology, 2020, 885, 173527.	1.7	10
18	Two newly-emerging substituted phenethylamines MAL and BOD induce differential psychopharmacological effects in rodents. Journal of Psychopharmacology, 2020, 34, 1056-1067.	2.0	14

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19	The Abuse Potential of Novel Synthetic Phencyclidine Derivative 1-(1-(4-Fluorophenyl)Cyclohexyl)Piperidine (4â€²-F-PCP) in Rodents. International Journal of Molecular Sciences, 2020, 21, 4631.	1.8	7
20	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.	1.6	18
21	Four Novel Synthetic Tryptamine Analogs Induce Head-Twitch Responses and Increase 5-HTR2a in the Prefrontal Cortex in Mice. Biomolecules and Therapeutics, 2020, 28, 83-91.	1.1	9
22	Catalpol and Mannitol, Two Components of Rehmannia glutinosa, Exhibit Anticonvulsant Effects Probably via GABAA Receptor Regulation. Biomolecules and Therapeutics, 2020, 28, 137-144.	1.1	7
23	5-Methoxy-Î±-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.	1.2	12
24	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.	2.5	19
25	The circadian gene, Per2, influences methamphetamine sensitization and reward through the dopaminergic system in the striatum of mice. Addiction Biology, 2019, 24, 946-957.	1.4	23
26	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.	0.7	4
27	Glutathione peroxidaseâ€1 gene rescues cocaineâ€induced conditioned place preference in mice by inhibiting Ïƒ â€1 receptor expression. Clinical and Experimental Pharmacology and Physiology, 2019, 46, 791-797.	0.9	6
28	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-HT2 receptors. Psychopharmacology, 2019, 236, 2201-2210.	1.5	16
29	Methoxetamine: A foe or friend?. Neurochemistry International, 2019, 122, 1-7.	1.9	7
30	Sleep Promoting Effect of Luteolin in Mice via Adenosine A1 and A2A Receptors. Biomolecules and Therapeutics, 2019, 27, 584-590.	1.1	24
31	Exploring the Validity of Proposed Transgenic Animal Models of Attention-Deficit Hyperactivity Disorder (ADHD). Molecular Neurobiology, 2018, 55, 3739-3754.	1.9	16
32	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.	1.2	7
33	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.	1.1	20
34	Neurobiological Functions of the Period Circadian Clock 2 Gene, Per2. Biomolecules and Therapeutics, 2018, 26, 358-367.	1.1	35
35	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.	0.0	0
36	The psychopharmacological activities of Vietnamese ginseng in mice: characterization of its psychomotor, sedativeâ€“hypnotic, antistress, anxiolytic, and cognitive effects. Journal of Ginseng Research, 2017, 41, 201-208.	3.0	21

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37	Behavioral evidence for the abuse potential of the novel synthetic cathinone alpha-pyrrolidinopentiothiophenone (PVT) in rodents. Psychopharmacology, 2017, 234, 857-867.	1.5	29
38	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, 153, 160-167.	1.3	11
39	Methoxetamine produces rapid and sustained antidepressant effects probably via glutamatergic and serotonergic mechanisms. Neuropharmacology, 2017, 126, 121-127.	2.0	19
40	Methylphenidate and Atomoxetine-Responsive Prefrontal Cortical Genetic Overlaps in â€œImpulsiveâ€• SHR/NCrl and Wistar Rats. Behavior Genetics, 2017, 47, 564-580.	1.4	16
41	Polypharmacology of N⁶-(3-Iodobenzyl)adenosine-5â€²-N-methyluronamide (IB-MECA) and Related A₃ Adenosine Receptor Ligands: Peroxisome Proliferator Activated Receptor (PPAR) Î³ Partial Agonist and PPARÎ´ Antagonist Activity Suggests Their Antidiabetic Potential. Journal of Medicinal Chemistry, 2017, 60, 7459-7475.	2.9	29
42	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.	1.2	13
43	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.	0.2	2
44	The Abuse Potential of Î±-Piperidinopropiophenone (PIPP) and Î±-Piperidinopentiothiophenone (PIVT), Two New Synthetic Cathinones with Piperidine Ring Substituent. Biomolecules and Therapeutics, 2017, 25, 122-129.	1.1	10
45	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.	1.1	12
46	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.	1.1	13
47	Supplementation of Korean Red Ginseng improves behavior deviations in animal models of autism. Food and Nutrition Research, 2016, 60, 29245.	1.2	19
48	Cigarette smoke exposure during adolescence but not adulthood induces anxietyâ€•like behavior and locomotor stimulation in rats during withdrawal. International Journal of Developmental Neuroscience, 2016, 55, 49-55.	0.7	15
49	A tryptic hydrolysate from bovine milk Î±s1-casein enhances pentobarbital-induced sleep in mice via the GABAA receptor. Behavioural Brain Research, 2016, 313, 184-190.	1.2	25
50	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, 30-37.	1.0	39
51	Repeated Neonatal Propofol Administration Induces Sex-Dependent Long-Term Impairments on Spatial and Recognition Memory in Rats. Biomolecules and Therapeutics, 2015, 23, 251-260.	1.1	35
52	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, 31-36.	1.3	56
53	Ursolic acid enhances pentobarbital-induced sleeping behaviors via GABAergic neurotransmission in mice. European Journal of Pharmacology, 2015, 762, 443-448.	1.7	27
54	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.	2.0	21

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55	Milk Collected at Night Induces Sedative and Anxiolytic-Like Effects and Augments Pentobarbital-Induced Sleeping Behavior in Mice. Journal of Medicinal Food, 2015, 18, 1255-1261.	0.8	18
56	Evaluation of the abuse potential of AM281, a new synthetic cannabinoid CB1 receptor antagonist. European Journal of Pharmacology, 2015, 766, 135-141.	1.7	4
57	Artemisia capillaris Thunberg Produces Sedative-Hypnotic Effects in Mice, Which are Probably Mediated Through Potentiation of the GABA_A Receptor. The American Journal of Chinese Medicine, 2015, 43, 667-679.	1.5	11
58	Treatment of GABA from Fermented Rice Germ Ameliorates Caffeine-Induced Sleep Disturbance in Mice. Biomolecules and Therapeutics, 2015, 23, 268-274.	1.1	34
59	Assessment of the Abuse Liability of Synthetic Cannabinoid Agonists JWH-030, JWH-175, and JWH-176. Biomolecules and Therapeutics, 2015, 23, 590-596.	1.1	18
60	Alleviating effects of Opuntia ficus indica extracts on psychomotor alterations induced by ethanol in rats. Food Science and Biotechnology, 2014, 23, 2063-2068.	1.2	1
61	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.	3.0	26
62	Conditioned Place Preference and Self-Administration Induced by Nicotine in Adolescent and Adult Rats. Biomolecules and Therapeutics, 2014, 22, 460-466.	1.1	32
63	Regulation of the Activity of Tissue Plasminogen Activator and Plasminogen Activator Inhibitor-1 by Zinc in Rat Primary Astrocytes. Experimental Neurobiology, 2009, 18, 48.	0.7	0
64	Alterations of di(n-butyl)phthalate-induced oxidative stress in the testis of hypothyroid rats. Toxicological and Environmental Chemistry, 2008, 90, 113-126.	0.6	5
65	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.	0.2	0