Takato Hiranita

List of Publications by Year
in descending order

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64 papers	1,774 citations	270111 25 h-index	312153 41 g-index
65 all docs	65 docs citations	65 times ranked	1725 citing authors

#	Article	IF	Citations
1	The Lack of Contribution of 7-Hydroxymitragynine to the Antinociceptive Effects of Mitragynine in Mice: A Pharmacokinetic and Pharmacodynamic Study. Drug Metabolism and Disposition, 2022, 50, 158-167.	1.7	11
2	In vitro and in vivo pharmacology of kratom. Advances in Pharmacology, 2022, 93, 35-76.	1.2	13
3	Effects of Mitragynine and its Active Metabolites on the Reinforcing Effects of Remifentanil and Cocaine in Rats Selfâ€Administering Remifentanil. FASEB Journal, 2022, 36, .	0.2	0
4	Exploring the Chemistry of Alkaloids from Malaysian Mitragyna speciosa (Kratom) and the Role of Oxindoles on Human Opioid Receptors. Journal of Natural Products, 2021, 84, 1034-1043.	1.5	45
5	Pharmacological Characterization of Mitragynine: Antinociception, Respiratory Depression, Selfâ€Administration, Drug Discrimination, Tolerance, and withdrawal in Rats. FASEB Journal, 2021, 35, .	0.2	0
6	Novel Approaches, Drug Candidates, and Targets in Pain Drug Discovery. Journal of Medicinal Chemistry, 2021, 64, 6523-6548.	2.9	42
7	Activity of Mitragyna speciosa (â€œKratomâ€) Alkaloids at Serotonin Receptors. Journal of Medicinal Chemistry, 2021, 64, 13510-13523.	2.9	30
8	The use of hypercapnic conditions to assess opioid-induced respiratory depression in rats. Journal of Pharmacological and Toxicological Methods, 2021, 111, 107101.	0.3	6
9	Pharmacological Comparison of Mitragynine and 7-Hydroxymitragynine: In Vitro Affinity and Efficacy forÎ¼-Opioid Receptor and Opioid-Like Behavioral Effects in Rats. Journal of Pharmacology and Experimental Therapeutics, 2021, 376, 410-427.	1.3	52
10	Investigation of the Adrenergic and Opioid Binding Affinities, Metabolic Stability, Plasma Protein Binding Properties, and Functional Effects of Selected Indole-Based Kratom Alkaloids. Journal of Medicinal Chemistry, 2020, 63, 433-439.	2.9	92
11	Evaluation of the rewarding effects of mitragynine and 7â€hydroxymitragynine in an intracranial self-stimulation procedure in male and female rats. Drug and Alcohol Dependence, 2020, 215, 108235.	1.6	19
12	Effects of benztropine analogs on delay discounting in rats. Psychopharmacology, 2020, 237, 3783-3794.	1.5	1
13	Modafinil potentiates cocaine self-administration by a dopamine-independent mechanism: possible involvement of gap junctions. Neuropsychopharmacology, 2020, 45, 1518-1526.	2.8	13
14	Potential Contribution of 7â€Hydroxymitragynine, a Metabolite of the Primary Kratom (Mitragyna) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1-1.	0.2	5
15	Gap Junctions Modulate The Effects Of Modafinil On Cocaine Selfâ€Administration Behavior In A Dopamineâ€Independent Fashion In Rats. FASEB Journal, 2020, 34, 1-1.	0.2	0
16	The discriminative stimulus effects of epibatidine in C57BL/6J mice. Behavioural Pharmacology, 2020, 31, 565-573.	0.8	0
17	The Adrenergic a 2 Receptorâ€Mediated Discriminativeâ€Stimulus Effects of Mitragynine, the Primary Alkaloid in Kratom (Mitragyna Speciosa) in Rats. FASEB Journal, 2020, 34, 1-1.	0.2	5
18	The effects of mitragynine and morphine on schedule-controlled responding and antinociception in rats. Psychopharmacology, 2019, 236, 2725-2734.	1.5	40

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19	Pharmacological Characterization of Mitragynine, the Primary Constituent in Kratom (Mitragyna) Tj ETQq1 1 0.784314 rgBT /Overloc	0.2	0
20	Dopamine Transporter Dynamics of N-Substituted Benztropine Analogs with Atypical Behavioral Effects. Journal of Pharmacology and Experimental Therapeutics, 2018, 366, 527-540.	1.3	5
21	Ïƒ Receptor Effects of N-Substituted Benztropine Analogs: Implications for Antagonism of Cocaine Self-Administration. Journal of Pharmacology and Experimental Therapeutics, 2017, 362, 2-13.	1.3	9
22	The sigma-1 receptor modulates dopamine transporter conformation and cocaine binding and may thereby potentiate cocaine self-administration in rats. Journal of Biological Chemistry, 2017, 292, 11250-11261.	1.6	69
23	DAT Conformation Does Not Predict the Ability of Atypical Dopamine Uptake Inhibitors to Substitute for Cocaine. Journal of Alcoholism and Drug Dependence, 2016, 4, .	0.2	1
24	Identification of the Sigma-2 Receptor: Distinct from the Progesterone Receptor Membrane Component 1 (PGRMC1). Journal of Alcoholism and Drug Dependence, 2016, 04, .	0.2	14
25	Identification of Antagonists Selective for Sigma Receptor Subtypes that are Active In vivo. Journal of Alcoholism and Drug Dependence, 2016, 4, .	0.2	1
26	Importance of Substrate-Coupled Proton Antiport by the Vesicular Monoamine Transporter in the Actions of Amphetamines in Drosophila Brain. Journal of Alcoholism and Drug Dependence, 2016, 04, .	0.2	1
27	A role for sigma receptors in stimulant self-administration and addiction. Behavioural Pharmacology, 2016, 27, 100-115.	0.8	40
28	Mechanisms of amphetamine action illuminated through optical monitoring of dopamine synaptic vesicles in Drosophila brain. Nature Communications, 2016, 7, 10652.	5.8	97
29	Blockade of Cocaine or Â Receptor Agonist Self Administration by Subtype-Selective Â Receptor Antagonists. Journal of Pharmacology and Experimental Therapeutics, 2016, 358, 109-124.	1.3	27
30	A Role for Sigma Receptors in Stimulant Self-Administration and Addiction. Handbook of Experimental Pharmacology, 2016, 244, 177-218.	0.9	17
31	Lack of Specific Involvement of (+)-Naloxone and (+)-Naltrexone on the Reinforcing and Neurochemical Effects of Cocaine and Opioids. Neuropsychopharmacology, 2016, 41, 2772-2781.	2.8	49
32	Dopamine D2-Like Receptors and Behavioral Economics of Food Reinforcement. Neuropsychopharmacology, 2016, 41, 971-978.	2.8	18
33	Journal of Alcoholism & Drug Dependence. Journal of Alcoholism and Drug Dependence, 2016, 4, .	0.2	1
34	Preclinical Efficacy of Novel Vesicular Monoamine Transporter 2 Inhibitors as Antagonists of d-Methamphetamine Self-Administration in Rats. Journal of Alcoholism and Drug Dependence, 2015, 03, .	0.2	1
35	Cocaine Antagonists; Studies on Cocaine Self-Administration. Journal of Alcoholism and Drug Dependence, 2015, 03, .	0.2	2
36	Trace Amine-Associated Receptor Type 1 as A Target for The Development of Treatments for Stimulant Abuse. Journal of Alcoholism and Drug Dependence, 2015, 03, .	0.2	0

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37	Differential Roles for Dopamine D1-Like and D2-Like Receptors in Mediating the Reinforcing Effects of Cocaine: Convergent Evidence from Pharmacological and Genetic Studies. Journal of Alcoholism and Drug Dependence, 2015, 03, .	0.2	1
38	Medications Discovery: Importance of Assessment of Drug Self Administration Dose-Effect Curves. Journal of Alcoholism and Drug Dependence, 2015, 03, .	0.2	2
39	Self-Administration of an Endogenous Cannabinoid 2-Arachidonoylglycerol in Experimentally NaÃƒÂƒÂÃ‚Â¯ve Rats. Journal of Alcoholism and Drug Dependence, 2015, 03, .	0.2	0
40	Pharmacology of Selfâ€Administration of a Nonâ€Selective Sigma 1/2 Receptor Agonist, 1,3â€diâ€•o â€tolylguanidine (DTG), and its Induction of Sigma 1 â€Mediated Reinforcement in Rats. FASEB Journal, 2015, 29, 930.6.	0.2	0
41	Role of the ÏƒRs for Development of Medications. Journal of Alcoholism and Drug Dependence, 2014, 02, .	0.2	0
42	Preclinical Efficacy of N-Substituted Benztropine Analogs as Antagonists of Methamphetamine Self-Administration in Rats. Journal of Pharmacology and Experimental Therapeutics, 2014, 348, 174-191.	1.3	51
43	2-Isoxazol-3-Phenyltropane Derivatives of Cocaine: Molecular and Atypical System Effects at the Dopamine Transporter. Journal of Pharmacology and Experimental Therapeutics, 2014, 349, 297-309.	1.3	28
44	Preference for Distinct Functional Conformations of the Dopamine Transporter Alters the Relationship between Subjective Effects of Cocaine and Stimulation of Mesolimbic Dopamine. Biological Psychiatry, 2014, 76, 802-809.	0.7	42
45	The stereotypy-inducing effects of N-substituted benztropine analogs alone and in combination with cocaine do not account for their blockade of cocaine self-administration. Psychopharmacology, 2013, 225, 733-742.	1.5	15
46	Self-Administration of Cocaine Induces Dopamine-Independent Self-Administration of Sigma Agonists. Neuropsychopharmacology, 2013, 38, 605-615.	2.8	38
47	Stimulants as Specific Inducers of Dopamine-Independent Ïƒ Agonist Self-Administration in Rats. Journal of Pharmacology and Experimental Therapeutics, 2013, 347, 20-29.	1.3	29
48	In Vivo Binding of Nâ€Substituted Benztropine Analogs and Antagonism of Cocaine Selfâ€Administration. FASEB Journal, 2013, 27, 659.8.	0.2	0
49	Specificity of cocaineâ€induced dopamineâ€independent sigma agonist selfâ€administration. FASEB Journal, 2013, 27, 659.11.	0.2	0
50	Sigma Receptor Agonists: Receptor Binding and Effects on Mesolimbic Dopamine Neurotransmission Assessed by Microdialysis. Biological Psychiatry, 2011, 69, 208-217.	0.7	82
51	Lack of cocaine-like discriminative-stimulus effects of Ïƒ-receptor agonists in rats. Behavioural Pharmacology, 2011, 22, 525-530.	0.8	22
52	A Role for Sigma Receptors in Stimulant Self Administration and Addiction. Pharmaceuticals, 2011, 4, 880-914.	1.7	56
53	Decreases in Cocaine Self-Administration with Dual Inhibition of the Dopamine Transporter and Ïƒ Receptors. Journal of Pharmacology and Experimental Therapeutics, 2011, 339, 662-677.	1.3	71
54	A Cannabinoid CB1 Receptor Antagonist Ameliorates Impairment of Recognition Memory on Withdrawal from MDMA (Ecstasy). Neuropsychopharmacology, 2010, 35, 515-520.	2.8	26

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55	Reinforcing Effects of Ïƒ-Receptor Agonists in Rats Trained to Self-Administer Cocaine. Journal of Pharmacology and Experimental Therapeutics, 2010, 332, 515-524.	1.3	69
56	Assessment of Reinforcing Effects of Benztropine Analogs and Their Effects on Cocaine Self-Administration in Rats: Comparisons with Monoamine Uptake Inhibitors. Journal of Pharmacology and Experimental Therapeutics, 2009, 329, 677-686.	1.3	85
57	Methamphetamine-seeking behavior is due to inhibition of nicotinic cholinergic transmission by activation of cannabinoid CB1 receptors. Neuropharmacology, 2008, 55, 1300-1306.	2.0	24
58	Mode of Interaction of Amphiphilic Î±-Helical Peptide with Phosphatidylcholines at the Airâ^'Water Interface. Langmuir, 2006, 22, 1182-1192.	1.6	42
59	Suppression of methamphetamine-seeking behavior by nicotinic agonists. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8523-8527.	3.3	84
60	Endocannabinoid System Modulates Relapse to Methamphetamine Seeking: Possible Mediation by the Arachidonic Acid Cascade. Neuropsychopharmacology, 2004, 29, 1470-1478.	2.8	115
61	Naltrexone attenuates cue- but not drug-induced methamphetamine seeking: a possible mechanism for the dissociation of primary and secondary reward. Brain Research, 2004, 1021, 272-276.	1.1	59
62	Nicotine Attenuates Relapse to Methamphetamine-Seeking Behavior (Craving) in Rats. Annals of the New York Academy of Sciences, 2004, 1025, 504-507.	1.8	20
63	New Perspectives in the Studies on Endocannabinoid and Cannabis: A Role for the Endocannabinoid-Arachidonic Acid Pathway in Drug Reward and Long-Lasting Relapse to Drug Taking. Journal of Pharmacological Sciences, 2004, 96, 382-388.	1.1	28
64	Miscibility behavior of dipalmitoylphosphatidylcholine with a single-chain partially fluorinated amphiphile in Langmuir monolayers. Journal of Colloid and Interface Science, 2003, 265, 83-92.	5.0	59