

Takato Hiranita

List of Publications by Year in descending order

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64
papers

1,774
citations

236925

25
h-index

276875

41
g-index

65
all docs

65
docs citations

65
times ranked

1579
citing authors

#	ARTICLE	IF	CITATIONS
1	Endocannabinoid System Modulates Relapse to Methamphetamine Seeking: Possible Mediation by the Arachidonic Acid Cascade. <i>Neuropsychopharmacology</i> , 2004, 29, 1470-1478.	5.4	115
2	Mechanisms of amphetamine action illuminated through optical monitoring of dopamine synaptic vesicles in <i>Drosophila</i> brain. <i>Nature Communications</i> , 2016, 7, 10652.	12.8	97
3	Investigation of the Adrenergic and Opioid Binding Affinities, Metabolic Stability, Plasma Protein Binding Properties, and Functional Effects of Selected Indole-Based Kratom Alkaloids. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 433-439.	6.4	92
4	Assessment of Reinforcing Effects of Benztropine Analogs and Their Effects on Cocaine Self-Administration in Rats: Comparisons with Monoamine Uptake Inhibitors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 329, 677-686.	2.5	85
5	Suppression of methamphetamine-seeking behavior by nicotinic agonists. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8523-8527.	7.1	84
6	Sigma Receptor Agonists: Receptor Binding and Effects on Mesolimbic Dopamine Neurotransmission Assessed by Microdialysis. <i>Biological Psychiatry</i> , 2011, 69, 208-217.	1.3	82
7	Decreases in Cocaine Self-Administration with Dual Inhibition of the Dopamine Transporter and μ Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 339, 662-677.	2.5	71
8	Reinforcing Effects of μ -Receptor Agonists in Rats Trained to Self-Administer Cocaine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 515-524.	2.5	69
9	The sigma-1 receptor modulates dopamine transporter conformation and cocaine binding and may thereby potentiate cocaine self-administration in rats. <i>Journal of Biological Chemistry</i> , 2017, 292, 11250-11261.	3.4	69
10	Miscibility behavior of dipalmitoylphosphatidylcholine with a single-chain partially fluorinated amphiphile in Langmuir monolayers. <i>Journal of Colloid and Interface Science</i> , 2003, 265, 83-92.	9.4	59
11	Naltrexone attenuates cue- but not drug-induced methamphetamine seeking: a possible mechanism for the dissociation of primary and secondary reward. <i>Brain Research</i> , 2004, 1021, 272-276.	2.2	59
12	A Role for Sigma Receptors in Stimulant Self Administration and Addiction. <i>Pharmaceuticals</i> , 2011, 4, 880-914.	3.8	56
13	Pharmacological Comparison of Mitragynine and 7-Hydroxymitragynine: In Vitro Affinity and Efficacy for μ -Opioid Receptor and Opioid-Like Behavioral Effects in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, 376, 410-427.	2.5	52
14	Preclinical Efficacy of N-Substituted Benzotropine Analogs as Antagonists of Methamphetamine Self-Administration in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 348, 174-191.	2.5	51
15	Lack of Specific Involvement of (+)-Naloxone and (+)-Naltrexone on the Reinforcing and Neurochemical Effects of Cocaine and Opioids. <i>Neuropsychopharmacology</i> , 2016, 41, 2772-2781.	5.4	49
16	Exploring the Chemistry of Alkaloids from Malaysian <i>Mitragyna speciosa</i> (Kratom) and the Role of Oxindoles on Human Opioid Receptors. <i>Journal of Natural Products</i> , 2021, 84, 1034-1043.	3.0	45
17	Mode of Interaction of Amphiphilic α -Helical Peptide with Phosphatidylcholines at the Air-Water Interface. <i>Langmuir</i> , 2006, 22, 1182-1192.	3.5	42
18	Preference for Distinct Functional Conformations of the Dopamine Transporter Alters the Relationship between Subjective Effects of Cocaine and Stimulation of Mesolimbic Dopamine. <i>Biological Psychiatry</i> , 2014, 76, 802-809.	1.3	42

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19	Novel Approaches, Drug Candidates, and Targets in Pain Drug Discovery. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 6523-6548.	6.4	42
20	A role for sigma receptors in stimulant self-administration and addiction. <i>Behavioural Pharmacology</i> , 2016, 27, 100-115.	1.7	40
21	The effects of mitragynine and morphine on schedule-controlled responding and antinociception in rats. <i>Psychopharmacology</i> , 2019, 236, 2725-2734.	3.1	40
22	Self-Administration of Cocaine Induces Dopamine-Independent Self-Administration of Sigma Agonists. <i>Neuropsychopharmacology</i> , 2013, 38, 605-615.	5.4	38
23	Activity of <i>Mitragyna speciosa</i> (‘Kratom’) Alkaloids at Serotonin Receptors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 13510-13523.	6.4	30
24	Stimulants as Specific Inducers of Dopamine-Independent σ Agonist Self-Administration in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 347, 20-29.	2.5	29
25	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. <i>Journal of Pharmacological Sciences</i> , 2004, 96, 382-388.	2.5	28
26	2-Isoxazol-3-Phenyltropane Derivatives of Cocaine: Molecular and Atypical System Effects at the Dopamine Transporter. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 349, 297-309.	2.5	28
27	Blockade of Cocaine or σ Receptor Agonist Self Administration by Subtype-Selective σ Receptor Antagonists. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 358, 109-124.	2.5	27
28	A Cannabinoid CB1 Receptor Antagonist Ameliorates Impairment of Recognition Memory on Withdrawal from MDMA (Ecstasy). <i>Neuropsychopharmacology</i> , 2010, 35, 515-520.	5.4	26
29	Methamphetamine-seeking behavior is due to inhibition of nicotinic cholinergic transmission by activation of cannabinoid CB1 receptors. <i>Neuropharmacology</i> , 2008, 55, 1300-1306.	4.1	24
30	Lack of cocaine-like discriminative-stimulus effects of σ -receptor agonists in rats. <i>Behavioural Pharmacology</i> , 2011, 22, 525-530.	1.7	22
31	Nicotine Attenuates Relapse to Methamphetamine-Seeking Behavior (Craving) in Rats. <i>Annals of the New York Academy of Sciences</i> , 2004, 1025, 504-507.	3.8	20
32	Evaluation of the rewarding effects of mitragynine and 7 α -hydroxymitragynine in an intracranial self-stimulation procedure in male and female rats. <i>Drug and Alcohol Dependence</i> , 2020, 215, 108235.	3.2	19
33	Dopamine D2-Like Receptors and Behavioral Economics of Food Reinforcement. <i>Neuropsychopharmacology</i> , 2016, 41, 971-978.	5.4	18
34	A Role for Sigma Receptors in Stimulant Self-Administration and Addiction. <i>Handbook of Experimental Pharmacology</i> , 2016, 244, 177-218.	1.8	17
35	The stereotypy-inducing effects of N-substituted bztropine analogs alone and in combination with cocaine do not account for their blockade of cocaine self-administration. <i>Psychopharmacology</i> , 2013, 225, 733-742.	3.1	15
36	Identification of the Sigma-2 Receptor: Distinct from the Progesterone Receptor Membrane Component 1 (PGRMC1). <i>Journal of Alcoholism and Drug Dependence</i> , 2016, 04, .	0.2	14

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37	Modafinil potentiates cocaine self-administration by a dopamine-independent mechanism: possible involvement of gap junctions. <i>Neuropsychopharmacology</i> , 2020, 45, 1518-1526.	5.4	13
38	In vitro and in vivo pharmacology of kratom. <i>Advances in Pharmacology</i> , 2022, 93, 35-76.	2.0	13
39	The Lack of Contribution of 7-Hydroxymitragynine to the Antinociceptive Effects of Mitragynine in Mice: A Pharmacokinetic and Pharmacodynamic Study. <i>Drug Metabolism and Disposition</i> , 2022, 50, 158-167.	3.3	11
40	Îf Receptor Effects of N-Substituted Bztrapine Analogs: Implications for Antagonism of Cocaine Self-Administration. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 362, 2-13.	2.5	9
41	The use of hypercapnic conditions to assess opioid-induced respiratory depression in rats. <i>Journal of Pharmacological and Toxicological Methods</i> , 2021, 111, 107101.	0.7	6
42	Dopamine Transporter Dynamics of <i>N</i> -Substituted Bztrapine Analogs with Atypical Behavioral Effects. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 366, 527-540.	2.5	5
43	Potential Contribution of 7-Hydroxymitragynine, a Metabolite of the Primary Kratom (Mitragyna) Tj ETQq1 1 0.784314 rgBT /Overlock 1-1.	0.5	5
44	The Adrenergic α 2 Receptor-Mediated Discriminative Stimulus Effects of Mitragynine, the Primary Alkaloid in Kratom (Mitragyna Speciosa) in Rats. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	5
45	Cocaine Antagonists; Studies on Cocaine Self-Administration. <i>Journal of Alcoholism and Drug Dependence</i> , 2015, 03, .	0.2	2
46	Medications Discovery: Importance of Assessment of Drug Self Administration Dose-Effect Curves. <i>Journal of Alcoholism and Drug Dependence</i> , 2015, 03, .	0.2	2
47	Preclinical Efficacy of Novel Vesicular Monoamine Transporter 2 Inhibitors as Antagonists of d-Methamphetamine Self-Administration in Rats. <i>Journal of Alcoholism and Drug Dependence</i> , 2015, 03, .	0.2	1
48	Differential Roles for Dopamine D1-Like and D2-Like Receptors in Mediating the Reinforcing Effects of Cocaine: Convergent Evidence from Pharmacological and Genetic Studies. <i>Journal of Alcoholism and Drug Dependence</i> , 2015, 03, .	0.2	1
49	DAT Conformation Does Not Predict the Ability of Atypical Dopamine Uptake Inhibitors to Substitute for Cocaine. <i>Journal of Alcoholism and Drug Dependence</i> , 2016, 4, .	0.2	1
50	Identification of Antagonists Selective for Sigma Receptor Subtypes that are Active In vivo. <i>Journal of Alcoholism and Drug Dependence</i> , 2016, 4, .	0.2	1
51	Importance of Substrate-Coupled Proton Antiport by the Vesicular Monoamine Transporter in the Actions of Amphetamines in Drosophila Brain. <i>Journal of Alcoholism and Drug Dependence</i> , 2016, 04, .	0.2	1
52	Effects of bztropine analogs on delay discounting in rats. <i>Psychopharmacology</i> , 2020, 237, 3783-3794.	3.1	1
53	Journal of Alcoholism & Drug Dependence. <i>Journal of Alcoholism and Drug Dependence</i> , 2016, 4, .	0.2	1
54	Role of the ÎfRs for Development of Medications. <i>Journal of Alcoholism and Drug Dependence</i> , 2014, 02, .	0.2	0

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55	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
56	Self-Administration of an Endogenous Cannabinoid 2-Arachidonoylglycerol in Experimentally Naïve Rats. Journal of Alcoholism and Drug Dependence, 2015, 03, .	0.2	0
57	Pharmacological Characterization of Mitragynine: Antinociception, Respiratory Depression, Self-Administration, Drug Discrimination, Tolerance, and withdrawal in Rats. FASEB Journal, 2021, 35, .	0.5	0
58	In Vivo Binding of Naïve-Substituted Benztropine Analogs and Antagonism of Cocaine Self-Administration. FASEB Journal, 2013, 27, 659.8.	0.5	0
59	Specificity of cocaine-induced dopamine-independent sigma agonist self-administration. FASEB Journal, 2013, 27, 659.11.	0.5	0
60	Pharmacology of Self-Administration of a Non-Selective Sigma 1/2 Receptor Agonist, 1,3-bis(2-dimethylaminoethyl)guanidine (DTG), and its Induction of Sigma 1-Mediated Reinforcement in Rats. FASEB Journal, 2015, 29, 930.6.	0.5	0
61	Pharmacological Characterization of Mitragynine, the Primary Constituent in Kratom (Mitragyna) Tj ETQq1 1 0.784314 rgBT 0 Overl	0.5	0
62	Gap Junctions Modulate The Effects Of Modafinil On Cocaine Self-Administration Behavior In A Dopamine-Independent Fashion In Rats. FASEB Journal, 2020, 34, 1-1.	0.5	0
63	The discriminative stimulus effects of epibatidine in C57BL/6J mice. Behavioural Pharmacology, 2020, 31, 565-573.	1.7	0
64	Effects of Mitragynine and its Active Metabolites on the Reinforcing Effects of Remifentanil and Cocaine in Rats Self-Administering Remifentanil. FASEB Journal, 2022, 36, .	0.5	0