# 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 | 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. | 3.3 | 11 |
| 2 | In vitro and in vivo pharmacology of kratom. Advances in Pharmacology, 2022, 93, 35-76. | 2.0 | 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, . | 0.5 | 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. | 3.0 | 45 |
| 5 | Pharmacological Characterization of Mitragynine: Antinociception, Respiratory Depression, Selfâ€Administration, Drug Discrimination, Tolerance, and withdrawal in Rats. FASEB Journal, 2021, 35, . | 0.5 | 0 |
| 6 | Novel Approaches, Drug Candidates, and Targets in Pain Drug Discovery. Journal of Medicinal Chemistry, 2021, 64, 6523-6548. | 6.4 | 42 |
| 7 | Activity of Mitragyna speciosa (â€œKratomâ€) Alkaloids at Serotonin Receptors. Journal of Medicinal Chemistry, 2021, 64, 13510-13523. | 6.4 | 30 |
| 8 | The use of hypercapnic conditions to assess opioid-induced respiratory depression in rats. Journal of Pharmacological and Toxicological Methods, 2021, 111, 107101. | 0.7 | 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. | 2.5 | 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. | 6.4 | 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. | 3.2 | 19 |
| 12 | Effects of benztropine analogs on delay discounting in rats. Psychopharmacology, 2020, 237, 3783-3794. | 3.1 | 1 |
| 13 | Modafinil potentiates cocaine self-administration by a dopamine-independent mechanism: possible involvement of gap junctions. Neuropsychopharmacology, 2020, 45, 1518-1526. | 5.4 | 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. | 0.5 | 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. | 0.5 | 0 |
| 16 | The discriminative stimulus effects of epibatidine in C57BL/6J mice. Behavioural Pharmacology, 2020, 31, 565-573. | 1.7 | 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. | 0.5 | 5 |
| 18 | The effects of mitragynine and morphine on schedule-controlled responding and antinociception in rats. Psychopharmacology, 2019, 236, 2725-2734. | 3.1 | 40 |

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|---|---|---|---|
| 19 | Pharmacological Characterization of Mitragynine, the Primary Constituent in Kratom ( Mitragyna) Tj ETQq1 1 0.784314 rgBT /Overlock | 0.5 | 0 |
| 20 | Dopamine Transporter Dynamics of N-Substituted Benztropine Analogs with Atypical Behavioral Effects. Journal of Pharmacology and Experimental Therapeutics, 2018, 366, 527-540. | 2.5 | 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. | 2.5 | 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. | 3.4 | 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. | 1.7 | 40 |
| 28 | Mechanisms of amphetamine action illuminated through optical monitoring of dopamine synaptic vesicles in Drosophila brain. Nature Communications, 2016, 7, 10652. | 12.8 | 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. | 2.5 | 27 |
| 30 | A Role for Sigma Receptors in Stimulant Self-Administration and Addiction. Handbook of Experimental Pharmacology, 2016, 244, 177-218. | 1.8 | 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. | 5.4 | 49 |
| 32 | Dopamine D2-Like Receptors and Behavioral Economics of Food Reinforcement. Neuropsychopharmacology, 2016, 41, 971-978. | 5.4 | 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 NaÃƒÂƒÃ‚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. | 0.5 | 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. | 2.5 | 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. | 2.5 | 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. | 1.3 | 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. | 3.1 | 15 |
| 46 | Self-Administration of Cocaine Induces Dopamine-Independent Self-Administration of Sigma Agonists. Neuropsychopharmacology, 2013, 38, 605-615. | 5.4 | 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. | 2.5 | 29 |
| 48 | In Vivo Binding of Nâ€Substituted Benztropine Analogs and Antagonism of Cocaine Selfâ€Administration. FASEB Journal, 2013, 27, 659.8. | 0.5 | 0 |
| 49 | Specificity of cocaineâ€induced dopamineâ€independent sigma agonist selfâ€administration. FASEB Journal, 2013, 27, 659.11. | 0.5 | 0 |
| 50 | Sigma Receptor Agonists: Receptor Binding and Effects on Mesolimbic Dopamine Neurotransmission Assessed by Microdialysis. Biological Psychiatry, 2011, 69, 208-217. | 1.3 | 82 |
| 51 | Lack of cocaine-like discriminative-stimulus effects of Ïƒ-receptor agonists in rats. Behavioural Pharmacology, 2011, 22, 525-530. | 1.7 | 22 |
| 52 | A Role for Sigma Receptors in Stimulant Self Administration and Addiction. Pharmaceuticals, 2011, 4, 880-914. | 3.8 | 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. | 2.5 | 71 |
| 54 | A Cannabinoid CB1 Receptor Antagonist Ameliorates Impairment of Recognition Memory on Withdrawal from MDMA (Ecstasy). Neuropsychopharmacology, 2010, 35, 515-520. | 5.4 | 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. | 2.5 | 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. | 2.5 | 85 |
| 57 | Methamphetamine-seeking behavior is due to inhibition of nicotinic cholinergic transmission by activation of cannabinoid CB1 receptors. Neuropharmacology, 2008, 55, 1300-1306. | 4.1 | 24 |
| 58 | Mode of Interaction of Amphiphilic Î±-Helical Peptide with Phosphatidylcholines at the Airâˆ'Water Interface. Langmuir, 2006, 22, 1182-1192. | 3.5 | 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. | 7.1 | 84 |
| 60 | Endocannabinoid System Modulates Relapse to Methamphetamine Seeking: Possible Mediation by the Arachidonic Acid Cascade. Neuropsychopharmacology, 2004, 29, 1470-1478. | 5.4 | 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. | 2.2 | 59 |
| 62 | Nicotine Attenuates Relapse to Methamphetamine-Seeking Behavior (Craving) in Rats. Annals of the New York Academy of Sciences, 2004, 1025, 504-507. | 3.8 | 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. | 2.5 | 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. | 9.4 | 59 |