

Thomas J Martin

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

956
citations

567281

15
h-index

454955

30
g-index

39
all docs

39
docs citations

39
times ranked

1133
citing authors

#	ARTICLE	IF	CITATIONS
1	Biased agonists of the kappa opioid receptor suppress pain and itch without causing sedation or dysphoria. <i>Science Signaling</i> , 2016, 9, ra117.	3.6	170
2	Effects of Laparotomy on Spontaneous Exploratory Activity and Conditioned Operant Responding in the Rat. <i>Anesthesiology</i> , 2004, 101, 191-203.	2.5	123
3	Opioid Self-administration in the Nerve-injured Rat. <i>Anesthesiology</i> , 2007, 106, 312-322.	2.5	101
4	Fast-conducting mechanoreceptors contribute to withdrawal behavior in normal and nerve injured rats. <i>Pain</i> , 2014, 155, 2646-2655.	4.2	53
5	Chronic pain alters drug self-administration: Implications for addiction and pain mechanisms.. <i>Experimental and Clinical Psychopharmacology</i> , 2008, 16, 357-366.	1.8	45
6	Individual Differences in Acute Pain-induced Endogenous Analgesia Predict Time to Resolution of Postoperative Pain in the Rat. <i>Anesthesiology</i> , 2015, 122, 895-907.	2.5	41
7	Clonidine maintains intrathecal self-administration in rats following spinal nerve ligation. <i>Pain</i> , 2006, 125, 257-263.	4.2	39
8	Abdominal Surgery Decreases Food-reinforced Operant Responding in Rats. <i>Anesthesiology</i> , 2005, 103, 629-637.	2.5	36
9	Differential regional effects of methadone maintenance compared to heroin dependence on μ -opioid receptor desensitization in rat brain. <i>Synapse</i> , 2007, 61, 176-184.	1.2	33
10	Intrathecal morphine and ketorolac analgesia after surgery: comparison of spontaneous and elicited responses in rats. <i>Pain</i> , 2005, 113, 376-385.	4.2	31
11	Behavioral Determinants of Cannabinoid Self-Administration in Old World Monkeys. <i>Neuropsychopharmacology</i> , 2017, 42, 1522-1530.	5.4	23
12	Disruption of Spinal Noradrenergic Activation Delays Recovery of Acute Incision-Induced Hypersensitivity and Increases Spinal Glial Activation in the Rat. <i>Journal of Pain</i> , 2016, 17, 190-202.	1.4	18
13	Assessment of attention threshold in rats by titration of visual cue duration during the five choice serial reaction time task. <i>Journal of Neuroscience Methods</i> , 2015, 241, 37-43.	2.5	17
14	Toward a mathematical description of dose-effect functions for self-administered drugs in laboratory animal models. <i>Psychopharmacology</i> , 2000, 153, 57-66.	3.1	16
15	Involvement of the Lateral Amygdala in the Antiallostatic and Reinforcing Effects of Heroin in Rats after Peripheral Nerve Injury. <i>Anesthesiology</i> , 2011, 114, 633-642.	2.5	16
16	Nerve injury induced activation of fast-conducting high threshold mechanoreceptors predicts non-reflexive pain related behavior. <i>Neuroscience Letters</i> , 2016, 632, 44-49.	2.1	15
17	Psychosocial Stress Delays Recovery of Postoperative Pain Following Incisional Surgery in the Rat. <i>Neuroscience</i> , 2018, 382, 35-47.	2.3	15
18	Chronic Δ^9 -THC in Rhesus Monkeys: Effects on Cognitive Performance and Dopamine D2/D3 Receptor Availability. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 364, 300-310.	2.5	15

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19	Factors mediating pain-related risk for opioid use disorder. <i>Neuropharmacology</i> , 2021, 186, 108476.	4.1	14
20	Mu-Opioid Receptor Alkylation in the Ventral Pallidum and Ventral Tegmental Area, but not in the Nucleus Accumbens, Attenuates the Effects of Heroin on Cocaine Self-Administration in Rats. <i>Neuropsychopharmacology</i> , 2008, 33, 1171-1178.	5.4	13
21	Self-administration of heroin, cocaine and their combination under a discrete trial schedule of reinforcement in rats. <i>Drug and Alcohol Dependence</i> , 2006, 82, 282-286.	3.2	12
22	Intrathecal Administration of a Cyclooxygenase-1, but Not a Cyclooxygenase-2 Inhibitor, Reverses the Effects of Laparotomy on Exploratory Activity in Rats. <i>Anesthesia and Analgesia</i> , 2006, 103, 690-695.	2.2	11
23	Assessment of Behavioral Disruption in Rats with Abdominal Inflammation Using Visual Cue Titration and the Five-choice Serial-reaction Time Task. <i>Anesthesiology</i> , 2017, 127, 372-381.	2.5	11
24	Effects of the dopamine/norepinephrine releaser phenmetrazine on cocaine self-administration and cocaine-primed reinstatement in rats. <i>Psychopharmacology</i> , 2015, 232, 2405-2414.	3.1	10
25	Regional differences in mu and kappa opioid receptor G-protein activation in brain in male and female prairie voles. <i>Neuroscience</i> , 2015, 311, 422-429.	2.3	9
26	Incisional Nociceptive Input Impairs Attention-related Behavior and Is Associated with Reduced Neuronal Activity in the Prefrontal Cortex in Rats. <i>Anesthesiology</i> , 2018, 129, 778-790.	2.5	9
27	PET Imaging of [11C]MPC-6827, a Microtubule-Based Radiotracer in Non-Human Primate Brains. <i>Molecules</i> , 2020, 25, 2289.	3.8	9
28	Recovery from nerve injury induced behavioral hypersensitivity in rats parallels resolution of abnormal primary sensory afferent signaling. <i>Pain</i> , 2020, 161, 949-959.	4.2	8
29	Effect of ethanol and cocaine on [11C]MPC-6827 uptake in SH-SY5Y cells. <i>Molecular Biology Reports</i> , 2021, 48, 3871-3876.	2.3	7
30	A Painful Beginning: Early Life Surgery Produces Long-Term Behavioral Disruption in the Rat. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 630889.	2.0	7
31	Chronic activation of spinal adenosine A1 receptors results in hypersensitivity. <i>NeuroReport</i> , 2006, 17, 1619-1622.	1.2	6
32	Initial Evaluations of the Microtubule-Based PET Radiotracer, [11C]MPC-6827 in a Rodent Model of Cocaine Abuse. <i>Frontiers in Medicine</i> , 2022, 9, 817274.	2.6	5
33	Peripheral nerve injury in rats induces alternations in choice behavior associated with food reinforcement. <i>Journal of Physiological Sciences</i> , 2019, 69, 769-777.	2.1	4
34	Nociceptive input after peripheral nerve injury results in cognitive impairment and alterations in primary afferent physiology in rats. <i>Pain</i> , 2020, 161, 960-969.	4.2	4
35	Alkylation of opioid receptors by 5 α -naltrindole-isothiocyanate injected into the nucleus accumbens of rats: Receptor selectivity and anatomical diffusion. <i>Synapse</i> , 2006, 60, 384-391.	1.2	3
36	Audiovisual Distraction Increases Prefrontal Cortical Neuronal Activity and Impairs Attentional Performance in the Rat. <i>Journal of Experimental Neuroscience</i> , 2017, 11, 117906951770308.	2.3	3

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37	Cannabinoid Modulation of Food-Cocaine Choice in Male Rhesus Monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 373, 44-50.	2.5	3
38	Editorial: Preclinical Animal Models and Measures of Pain: Improving Predictive Validity for Analgesic Drug Development. <i>Frontiers in Pain Research</i> , 2022, 3, 867786.	2.0	1