

# Thomas L Kash

## List of Publications by Year in descending order

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89  
papers

6,968  
citations

53794

45  
h-index

66911

78  
g-index

124  
all docs

124  
docs citations

124  
times ranked

6848  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coordination of social behaviors by the bed nucleus of the stria terminalis. <i>European Journal of Neuroscience</i> , 2022, 55, 2404-2420.	2.6	32
2	Assessing negative affect in mice during abstinence from alcohol drinking: Limitations and future challenges. <i>Alcohol</i> , 2022, 100, 41-56.	1.7	23
3	Activation of the dorsal septum increases alcohol consumption in male C57BL/6J mice. <i>Addiction Neuroscience</i> , 2022, 3, 100023.	1.3	3
4	Kappa opioid receptor and dynorphin signaling in the central amygdala regulates alcohol intake. <i>Molecular Psychiatry</i> , 2021, 26, 2187-2199.	7.9	49
5	Low-dose alcohol: Interoceptive and molecular effects and the role of dentate gyrus in rats. <i>Addiction Biology</i> , 2021, 26, e12965.	2.6	6
6	Periaqueductal gray/dorsal raphe dopamine neurons contribute to sex differences in pain-related behaviors. <i>Neuron</i> , 2021, 109, 1365-1380.e5.	8.1	66
7	Corticotropin-releasing factor neurons in the bed nucleus of the stria terminalis exhibit sex-specific pain encoding in mice. <i>Scientific Reports</i> , 2021, 11, 12500.	3.3	14
8	The paraventricular thalamus provides a polysynaptic brake on limbic CRF neurons to sex-dependently blunt binge alcohol drinking and avoidance behavior in mice. <i>Nature Communications</i> , 2021, 12, 5080.	12.8	36
9	An isotropic EPI database and analytical pipelines for rat brain resting-state fMRI. <i>NeuroImage</i> , 2021, 243, 118541.	4.2	20
10	Forebrain-Midbrain Circuits and Peptides Involved in Hyperalgesia After Chronic Alcohol Exposure. <i>Alcohol Research: Current Reviews</i> , 2021, 41, 13.	3.6	7
11	Tumor necrosis factor- $\alpha$ modulates GABAergic and dopaminergic neurons in the ventrolateral periaqueductal gray of female mice. <i>Journal of Neurophysiology</i> , 2021, 126, 2119-2129.	1.8	4
12	Chronic intermittent ethanol exposure dysregulates a GABAergic microcircuit in the bed nucleus of the stria terminalis. <i>Neuropharmacology</i> , 2020, 168, 107759.	4.1	40
13	Cocaine- and stress-primed reinstatement of drug-associated memories elicit differential behavioral and frontostriatal circuit activity patterns via recruitment of L-type Ca <sup>2+</sup> channels. <i>Molecular Psychiatry</i> , 2020, 25, 2373-2391.	7.9	14
14	The kappa opioid receptor modulates GABA neuron excitability and synaptic transmission in midbrain projections from the insular cortex. <i>Neuropharmacology</i> , 2020, 165, 107831.	4.1	19
15	Prepronociceptin-Expressing Neurons in the Extended Amygdala Encode and Promote Rapid Arousal Responses to Motivationally Salient Stimuli. <i>Cell Reports</i> , 2020, 33, 108362.	6.4	45
16	A dual-virus strategy for the deletion of <i>cacac1c</i> within the prelimbic to nucleus accumbens core projection. <i>Molecular Psychiatry</i> , 2020, 25, 2201-2202.	7.9	0
17	Directed Evolution of a Selective and Sensitive Serotonin Sensor via Machine Learning. <i>Cell</i> , 2020, 183, 1986-2002.e26.	28.9	104
18	A Gut Feeling about Dopamine. <i>Neuron</i> , 2020, 106, 703-704.	8.1	2

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19	Paranigral VTA Nociceptin Neurons Constrain Motivation for Reward. <i>Biological Psychiatry</i> , 2020, 87, S80-S81.	1.3	0
20	Sex-Dependent Modulation of Anxiety and Fear by 5-HT <sub>1A</sub> Receptors in the Bed Nucleus of the Stria Terminalis. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3154-3166.	3.5	22
21	̑-Opioid Receptor Modulation of GABAergic Inputs onto Ventrolateral Periaqueductal Gray Dopamine Neurons. <i>Molecular Neuropsychiatry</i> , 2019, 5, 190-199.	2.9	10
22	Central Amygdala Prepronociceptin-Expressing Neurons Mediate Palatable Food Consumption and Reward. <i>Neuron</i> , 2019, 102, 1037-1052.e7.	8.1	95
23	Ethanol-induced conditioned place preference and aversion differentially alter plasticity in the bed nucleus of stria terminalis. <i>Neuropsychopharmacology</i> , 2019, 44, 1843-1854.	5.4	25
24	Dynorphin-kappa opioid receptor activity in the central amygdala modulates binge-like alcohol drinking in mice. <i>Neuropsychopharmacology</i> , 2019, 44, 1084-1092.	5.4	58
25	Chronic inflammatory pain drives alcohol drinking in a sex-dependent manner for C57BL/6J mice. <i>Alcohol</i> , 2019, 77, 135-145.	1.7	37
26	Fear extinction requires infralimbic cortex projections to the basolateral amygdala. <i>Translational Psychiatry</i> , 2018, 8, 60.	4.8	168
27	F12. Bed Nucleus of Stria Terminalis (BNST) CRF Circuits for Anxiety-Like Behaviors. <i>Biological Psychiatry</i> , 2018, 83, S241-S242.	1.3	0
28	NMDA receptor GluN2A subunit deletion protects against dependence-like ethanol drinking. <i>Behavioural Brain Research</i> , 2018, 353, 124-128.	2.2	10
29	Chronic stress dysregulates amygdalar output to the prefrontal cortex. <i>Neuropharmacology</i> , 2018, 139, 68-75.	4.1	61
30	DREADD Agonist 21 Is an Effective Agonist for Muscarinic-Based DREADDs <i>in Vitro</i> and <i>in Vivo</i> . <i>ACS Pharmacology and Translational Science</i> , 2018, 1, 61-72.	4.9	143
31	Chronic EtOH effects on putative measures of compulsive behavior in mice. <i>Addiction Biology</i> , 2017, 22, 423-434.	2.6	66
32	Extended Amygdala to Ventral Tegmental Area Corticotropin-Releasing Factor Circuit Controls Binge Ethanol Intake. <i>Biological Psychiatry</i> , 2017, 81, 930-940.	1.3	109
33	The bed nucleus of the stria terminalis in drug-associated behavior and affect: A circuit-based perspective. <i>Neuropharmacology</i> , 2017, 122, 100-106.	4.1	72
34	108. Synaptic Mechanisms of BNST CRF Neuron Excitability Regulating Alcohol Drinking Behavior and Anxiety. <i>Biological Psychiatry</i> , 2017, 81, S45-S46.	1.3	0
35	Sex differences in the behavioral sequelae of chronic ethanol exposure. <i>Alcohol</i> , 2017, 58, 53-60.	1.7	97
36	Glutamate plasticity woven through the progression to alcohol use disorder: a multi-circuit perspective. <i>F1000Research</i> , 2017, 6, 298.	1.6	34

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37	Serotonin's Complex Role in Alcoholism: Implications for Treatment and Future Research. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 1192-1201.	2.4	34
38	Effects of chronic alcohol consumption on neuronal function in the non-human primate BNST. <i>Addiction Biology</i> , 2016, 21, 1151-1167.	2.6	30
39	Nociceptin receptor antagonist SB 612111 decreases high fat diet binge eating. <i>Behavioural Brain Research</i> , 2016, 307, 25-34.	2.2	30
40	Dynorphin Controls the Gain of an Amygdalar Anxiety Circuit. <i>Cell Reports</i> , 2016, 14, 2774-2783.	6.4	134
41	Serotonin engages an anxiety and fear-promoting circuit in the extended amygdala. <i>Nature</i> , 2016, 537, 97-101.	27.8	362
42	Potent and Selective Peptide-based Inhibition of the G Protein $G_{i\pm q}$ . <i>Journal of Biological Chemistry</i> , 2016, 291, 25608-25616.	3.4	26
43	Mu Opioid Receptor Modulation of Dopamine Neurons in the Periaqueductal Gray/Dorsal Raphe: A Role in Regulation of Pain. <i>Neuropsychopharmacology</i> , 2016, 41, 2122-2132.	5.4	124
44	Elucidation of The Behavioral Program and Neuronal Network Encoded by Dorsal Raphe Serotonergic Neurons. <i>Neuropsychopharmacology</i> , 2016, 41, 1404-1415.	5.4	118
45	Lateral Hypothalamus GABAergic Neurons Modulate Consummatory Behaviors Regardless of the Caloric Content or Biological Relevance of the Consumed Stimuli. <i>Neuropsychopharmacology</i> , 2016, 41, 1505-1512.	5.4	85
46	Moderate Alcohol Drinking and the Amygdala Proteome: Identification and Validation of Calcium/Calmodulin Dependent Kinase II and AMPA Receptor Activity as Novel Molecular Mechanisms of the Positive Reinforcing Effects of Alcohol. <i>Biological Psychiatry</i> , 2016, 79, 430-442.	1.3	91
47	Kappa opioid receptor signaling in the brain: Circuitry and implications for treatment. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 62, 51-60.	4.8	94
48	Neuropeptide Regulation of Signaling and Behavior in the BNST. <i>Molecules and Cells</i> , 2015, 38, 1-13.	2.6	92
49	Effects of chronic ethanol exposure on neuronal function in the prefrontal cortex and extended amygdala. <i>Neuropharmacology</i> , 2015, 99, 735-749.	4.1	141
50	A New DREADD Facilitates the Multiplexed Chemogenetic Interrogation of Behavior. <i>Neuron</i> , 2015, 86, 936-946.	8.1	320
51	NPY signaling inhibits extended amygdala CRF neurons to suppress binge alcohol drinking. <i>Nature Neuroscience</i> , 2015, 18, 545-552.	14.8	173
52	Distinct Subpopulations of Nucleus Accumbens Dynorphin Neurons Drive Aversion and Reward. <i>Neuron</i> , 2015, 87, 1063-1077.	8.1	276
53	Integrated circuits and molecular components for stress and feeding: implications for eating disorders. <i>Genes, Brain and Behavior</i> , 2015, 14, 85-97.	2.2	46
54	Ethanol induced adaptations in 5-HT <sub>2c</sub> receptor signaling in the bed nucleus of the stria terminalis: Implications for anxiety during ethanol withdrawal. <i>Neuropharmacology</i> , 2015, 89, 157-167.	4.1	58

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55	Functional Alterations in the Dorsal Raphe Nucleus Following Acute and Chronic Ethanol Exposure. <i>Neuropsychopharmacology</i> , 2015, 40, 590-600.	5.4	56
56	Mechanisms of Neuroplasticity and Ethanol's Effects on Plasticity in the Striatum and Bed Nucleus of the Stria Terminalis. , 2015, 37, 109-24.		24
57	Glutamatergic mechanisms associated with stress-induced amygdala excitability and anxiety-related behavior. <i>Neuropharmacology</i> , 2014, 85, 190-197.	4.1	55
58	Chemogenetic Inactivation of Ventral Hippocampal Glutamatergic Neurons Disrupts Consolidation of Contextual Fear Memory. <i>Neuropsychopharmacology</i> , 2014, 39, 1880-1892.	5.4	135
59	Excitatory drive onto dopaminergic neurons in the rostral linear nucleus is enhanced by norepinephrine in an $\alpha 1$ adrenergic receptor-dependent manner. <i>Neuropharmacology</i> , 2014, 86, 116-124.	4.1	11
60	Drinking through the pain. <i>Nature Neuroscience</i> , 2013, 16, 987-988.	14.8	0
61	Alcohol effects on synaptic transmission in periaqueductal gray dopamine neurons. <i>Alcohol</i> , 2013, 47, 279-287.	1.7	26
62	New insights on neurobiological mechanisms underlying alcohol addiction. <i>Neuropharmacology</i> , 2013, 67, 223-232.	4.1	68
63	Distinct extended amygdala circuits for divergent motivational states. <i>Nature</i> , 2013, 496, 224-228.	27.8	600
64	Repeated Cycles of Binge-Like Ethanol (C57BL/6J) Mice Augments Subsequent Voluntary Ethanol Intake But Not Other Dependence-Like Phenotypes. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 1688-1695.	2.4	60
65	Effects of sex and deletion of neuropeptide Y2 receptors from GABAergic neurons on affective and alcohol drinking behaviors in mice. <i>Frontiers in Integrative Neuroscience</i> , 2013, 7, 100.	2.1	28
66	Central Neuropeptide Y Modulates Binge-Like Ethanol Drinking in C57BL/6J Mice via Y1 and Y2 Receptors. <i>Neuropsychopharmacology</i> , 2012, 37, 1409-1421.	5.4	62
67	Corticotropin Releasing Factor Signaling in the Central Amygdala is Recruited during Binge-Like Ethanol Consumption in C57BL/6J Mice. <i>Journal of Neuroscience</i> , 2012, 32, 3405-3413.	3.6	133
68	Chronic stress alters neuropeptide Y signaling in the bed nucleus of the stria terminalis in DBA/2J but not C57BL/6J mice. <i>Neuropharmacology</i> , 2012, 62, 1777-1786.	4.1	35
69	Chronic alcohol remodels prefrontal neurons and disrupts NMDAR-mediated fear extinction encoding. <i>Nature Neuroscience</i> , 2012, 15, 1359-1361.	14.8	203
70	Presynaptic Inhibition of Gamma-Aminobutyric Acid Release in the Bed Nucleus of the Stria Terminalis by Kappa Opioid Receptor Signaling. <i>Biological Psychiatry</i> , 2012, 71, 725-732.	1.3	122
71	The role of biogenic amine signaling in the bed nucleus of the stria terminals in alcohol abuse. <i>Alcohol</i> , 2012, 46, 303-308.	1.7	56
72	$\beta 2$ -Adrenergic Receptors Enhance Excitatory Transmission in the Bed Nucleus of the Stria Terminalis Through a Corticotrophin-Releasing Factor Receptor-Dependent and Cocaine-Regulated Mechanism. <i>Biological Psychiatry</i> , 2011, 69, 1083-1090.	1.3	63

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73	Distinct forms of G <sub>q</sub> -receptor-dependent plasticity of excitatory transmission in the BNST are differentially affected by stress. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2271-2276.	7.1	75
74	Strain Differences in Stress Responsivity Are Associated with Divergent Amygdala Gene Expression and Glutamate-Mediated Neuronal Excitability. Journal of Neuroscience, 2010, 30, 5357-5367.	3.6	224
75	Alcohol Exposure Alters NMDAR Function in the Bed Nucleus of the Stria Terminalis. Neuropsychopharmacology, 2009, 34, 2420-2429.	5.4	123
76	Neurobiological mechanisms contributing to alcohol-stress-anxiety interactions. Alcohol, 2009, 43, 509-519.	1.7	72
77	Chronic ethanol exposure leads to divergent control of dopaminergic synapses in distinct target regions. Alcohol, 2008, 42, 179-190.	1.7	40
78	Dopamine Enhances Fast Excitatory Synaptic Transmission in the Extended Amygdala by a CRF-R1-Dependent Process. Journal of Neuroscience, 2008, 28, 13856-13865.	3.6	111
79	Alcohol Inhibits NR2B-Containing NMDA Receptors in the Ventral Bed Nucleus of the Stria Terminalis. Neuropsychopharmacology, 2008, 33, 1379-1390.	5.4	64
80	NMDAR LTP and LTD induction: 2B or Not 2B...is that the question?. Debates in Neuroscience, 2007, 1, 79-84.	1.7	14
81	Neuropeptide Y and corticotropin-releasing factor bi-directionally modulate inhibitory synaptic transmission in the bed nucleus of the stria terminalis. Neuropharmacology, 2006, 51, 1013-1022.	4.1	151
82	The pre-M1 segment of the $\alpha 1$ subunit is a transduction element in the activation of the GABA <sub>A</sub> receptor. Journal of Physiology, 2006, 575, 11-22.	2.9	30
83	Norepinephrine Modulates Glutamatergic Transmission in the Bed Nucleus of the Stria Terminalis. Neuropsychopharmacology, 2005, 30, 657-668.	5.4	119
84	Structural elements governing activation and modulation of GABA <sub>A</sub> receptors. International Congress Series, 2005, 1283, 26-31.	0.2	0
85	Charged Residues in the $\alpha 2$ Subunit Involved in GABA <sub>A</sub> Receptor Activation. Journal of Biological Chemistry, 2004, 279, 4887-4893.	3.4	64
86	Evaluation of a proposed mechanism of ligand-gated ion channel activation in the GABA <sub>A</sub> and glycine receptors. Neuroscience Letters, 2004, 371, 230-234.	2.1	27
87	Molecular volume determines the activity of the halogenated alkane bromoform at wild-type and mutant GABA <sub>A</sub> receptors. Brain Research, 2003, 960, 36-41.	2.2	17
88	Coupling of agonist binding to channel gating in the GABA <sub>A</sub> receptor. Nature, 2003, 421, 272-275.	27.8	300
89	Effect of amphetamine-induced dopamine release on radiotracer binding to D1 and D2 receptors in rat brain striatal slices. Naunyn-Schmiedeberg's Archives of Pharmacology, 2000, 362, 413-418.	3.0	13