

Kristi Anne Kohlmeier

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,512
citations

471509

17
h-index

330143

37
g-index

65
all docs

65
docs citations

65
times ranked

1479
citing authors

#	ARTICLE	IF	CITATIONS
1	Parkinson's disease related alterations in cannabinoid transmission. <i>Brain Research Bulletin</i> , 2022, 178, 82-96.	3.0	4
2	Prenatal nicotine alters development of the laterodorsal tegmentum: Possible role for attention-deficit/hyperactivity disorder and drug dependence. <i>World Journal of Psychiatry</i> , 2022, 12, 212-238.	2.7	3
3	Sex-related differences within sleep-wake dynamics, cataplexy, and EEG fast-delta power in a narcolepsy mouse model. <i>Sleep</i> , 2022, , .	1.1	10
4	Erythropoietin attenuates locomotor and cognitive impairments in male rats subjected to physical and psychological stress. <i>IBRO Neuroscience Reports</i> , 2022, 12, 303-308.	1.6	3
5	Looking into a Deluded Brain through a Neuroimaging Lens. <i>Neuroscientist</i> , 2021, 27, 73-87.	3.5	3
6	Developmental effects of nicotine on cognitive, motivated, and executive behaviors. , 2021, , 173-183.		0
7	Estrogen attenuates physical and psychological stress-induced cognitive impairments in ovariectomized rats. <i>Brain and Behavior</i> , 2021, 11, e02139.	2.2	25
8	Co-treatment of vitamin D supplementation with enriched environment improves synaptic plasticity and spatial learning and memory in aged rats. <i>Psychopharmacology</i> , 2021, 238, 2297-2312.	3.1	11
9	Î±-Synuclein Responses in the Laterodorsal Tegmentum, the Pedunculo-pontine Tegmentum, and the Substantia Nigra: Implications for Early Appearance of Sleep Disorders in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2021, 11, 1-18.	2.8	3
10	Electrophysiological and inflammatory changes of CA1 area in male rats exposed to acute kidney injury: Neuroprotective effects of erythropoietin. <i>Brain Research Bulletin</i> , 2021, 171, 25-34.	3.0	3
11	Prenatal exposure to nicotine in mice is associated with alterations in development and cellular and synaptic effects of alcohol in a brainstem arousal nucleus. <i>Neurotoxicology and Teratology</i> , 2021, 87, 106980.	2.4	1
12	Addiction and the cerebellum with a focus on actions of opioid receptors. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 229-247.	6.1	19
13	Lower calcium levels in hair of Parkinson's disease patients are associated with presence of sleeping disturbances. <i>Nutritional Neuroscience</i> , 2021, , 1-11.	3.1	0
14	Hippocampal disruptions of synaptic and astrocyte metabolism are primary events of early amyloid pathology in the 5xFAD mouse model of Alzheimer's disease. <i>Cell Death and Disease</i> , 2021, 12, 954.	6.3	41
15	Prenatal Nicotine Exposure in Rodents: Why Are There So Many Variations in Behavioral Outcomes?. <i>Nicotine and Tobacco Research</i> , 2020, 22, 1694-1710.	2.6	17
16	Cellular and Molecular Changes in Hippocampal Glutamate Signaling and Alterations in Learning, Attention, and Impulsivity Following Prenatal Nicotine Exposure. <i>Molecular Neurobiology</i> , 2020, 57, 2002-2020.	4.0	21
17	Characterization of AN317, a novel selective agonist of Î±6Î²2-containing nicotinic acetylcholine receptors. <i>Biochemical Pharmacology</i> , 2020, 174, 113786.	4.4	5
18	Characterization of AN6001, a positive allosteric modulator of Î±6Î²2-containing nicotinic acetylcholine receptors. <i>Biochemical Pharmacology</i> , 2020, 174, 113788.	4.4	4

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19	Stress-related endogenous neuropeptides induce neuronal excitation in the Laterodorsal Tegmentum. <i>European Neuropsychopharmacology</i> , 2020, 38, 86-97.	0.7	5
20	Sex-specific alterations in GABA receptor-mediated responses in laterodorsal tegmentum are associated with prenatal exposure to nicotine. <i>Developmental Neurobiology</i> , 2020, 80, 178-199.	3.0	4
21	Hyperexcitability of VTA dopaminergic neurons in male offspring exposed to physical or psychological prenatal stress. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 101, 109923.	4.8	14
22	Plasticity in the Brainstem: Prenatal and Postnatal Experience Can Alter Laterodorsal Tegmental (LDT) Structure and Function. <i>Frontiers in Synaptic Neuroscience</i> , 2020, 12, 3.	2.5	7
23	Affective dimensions of pain and region-specific involvement of nitric oxide in the development of empathic hyperalgesia. <i>Scientific Reports</i> , 2020, 10, 10141.	3.3	3
24	Prenatal nicotine exposure in mice induces sex-dependent anxiety-like behavior, cognitive deficits, hyperactivity, and changes in the expression of glutamate receptor associated-genes in the prefrontal cortex. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 195, 172951.	2.9	25
25	Higher zinc concentrations in hair of Parkinson's disease are associated with psychotic complications and depression. <i>Journal of Neural Transmission</i> , 2019, 126, 1291-1301.	2.8	8
26	Alterations in NMDAR-mediated signaling within the laterodorsal tegmental nucleus are associated with prenatal nicotine exposure. <i>Neuropharmacology</i> , 2019, 158, 107744.	4.1	13
27	Bipolar disorder and the endocannabinoid system. <i>Acta Neuropsychiatrica</i> , 2019, 31, 193-201.	2.1	17
28	Synaptically Located Nicotinic Acetylcholine Receptor Subunits in Neurons Involved in Dependency to Nicotine. , 2019, , 49-56.		1
29	Increasing cellular lifespan with a flow system in organotypic culture of the Laterodorsal Tegmentum (LDT). <i>Scientific Reports</i> , 2019, 9, 1486.	3.3	7
30	Hair in Parkinson's disease patients exhibits differences in Calcium, Iron and Zinc concentrations measured by flame atomic absorption spectrometry (FAAS). <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 47, 134-139.	3.0	14
31	Loss of Lypd6 leads to reduced anxiety-like behaviour and enhanced responses to nicotine. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 82, 86-94.	4.8	10
32	The 5-HT3 receptor antagonist ondansetron potentiates the effects of the acetylcholinesterase inhibitor donepezil on neuronal network oscillations in the rat dorsal hippocampus. <i>Neuropharmacology</i> , 2018, 143, 130-142.	4.1	13
33	Calcium rises induced by AMPA and nicotine receptors in the ventral tegmental area show differences in mouse brain slices prenatally exposed to nicotine. <i>Developmental Neurobiology</i> , 2018, 78, 828-848.	3.0	12
34	Prenatal nicotine exposure alters postsynaptic AMPA receptors and glutamate neurotransmission within the laterodorsal tegmentum (LDT) of juvenile mice. <i>Neuropharmacology</i> , 2018, 137, 71-85.	4.1	14
35	Anandamide and 2-AG are endogenously present within the laterodorsal tegmental nucleus: Functional implications for a role of eCBs in arousal. <i>Brain Research</i> , 2017, 1665, 74-79.	2.2	7
36	Acute cocaine exposure elicits rises in calcium in arousal-related laterodorsal tegmental neurons. <i>Pharmacology Research and Perspectives</i> , 2017, 5, e00282.	2.4	5

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37	Neuropeptide S (NPS) is a neuropeptide with cellular actions in arousal and anxiety-related nuclei: Functional implications for effects of NPS on wakefulness and mood. <i>Neuropharmacology</i> , 2017, 126, 292-317.	4.1	5
38	Age-related changes in functional postsynaptic nicotinic acetylcholine receptor subunits in neurons of the laterodorsal tegmental nucleus, a nucleus important in drug addiction. <i>Addiction Biology</i> , 2016, 21, 267-281.	2.6	5
39	Comparison of bNOS and chat immunohistochemistry in the laterodorsal tegmentum (LDT) and the pedunculopontine tegmentum (PPT) of the mouse from brain slices prepared for electrophysiology. <i>Journal of Neuroscience Methods</i> , 2016, 263, 23-35.	2.5	14
40	Functional interaction between Lypd6 and nicotinic acetylcholine receptors. <i>Journal of Neurochemistry</i> , 2016, 138, 806-820.	3.9	32
41	Endocannabinoid CB1 receptor-mediated rises in Ca ²⁺ and depolarization-induced suppression of inhibition within the laterodorsal tegmental nucleus. <i>Brain Structure and Function</i> , 2016, 221, 1255-1277.	2.3	10
42	Nicotinic Acetylcholine Receptors in the Pathophysiology of Alzheimer's Disease: The Role of Protein-Protein Interactions in Current and Future Treatment. <i>Current Pharmaceutical Design</i> , 2016, 22, 2015-2034.	1.9	16
43	Nicotine during pregnancy: changes induced in neurotransmission, which could heighten proclivity to addict and induce maladaptive control of attention. <i>Journal of Developmental Origins of Health and Disease</i> , 2015, 6, 169-181.	1.4	10
44	Prenatal nicotine is associated with reduced AMPA and NMDA receptor-mediated rises in calcium within the laterodorsal tegmentum: a pontine nucleus involved in addiction processes. <i>Journal of Developmental Origins of Health and Disease</i> , 2015, 6, 225-241.	1.4	18
45	Electrophysiological changes in laterodorsal tegmental neurons associated with prenatal nicotine exposure: implications for heightened susceptibility to addict to drugs of abuse. <i>Journal of Developmental Origins of Health and Disease</i> , 2015, 6, 182-200.	1.4	13
46	The appetite-inducing peptide, ghrelin, induces intracellular store-mediated rises in calcium in addiction and arousal-related laterodorsal tegmental neurons in mouse brain slices. <i>Peptides</i> , 2015, 65, 34-45.	2.4	7
47	Are Sleep Disturbances Preclinical Markers of Parkinson's Disease?. <i>Neurochemical Research</i> , 2015, 40, 421-427.	3.3	26
48	Treatment of sleeping disorders should be considered in clinical management of Parkinson's disease. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 273.	3.4	17
49	Neurophysiological evidence for the presence of cannabinoid CB1 receptors in the laterodorsal tegmental nucleus. <i>European Journal of Neuroscience</i> , 2014, 40, 3635-3652.	2.6	11
50	Age-related changes in nicotine response of cholinergic and non-cholinergic laterodorsal tegmental neurons: Implications for the heightened adolescent susceptibility to nicotine addiction. <i>Neuropharmacology</i> , 2014, 85, 263-283.	4.1	23
51	Pharmacological evidence of functional inhibitory metabotropic glutamate receptors on mouse arousal-related cholinergic laterodorsal tegmental neurons. <i>Neuropharmacology</i> , 2013, 66, 99-113.	4.1	19
52	Differential actions of orexin receptors in brainstem cholinergic and monoaminergic neurons revealed by receptor knockouts: implications for orexinergic signaling in arousal and narcolepsy. <i>Frontiers in Neuroscience</i> , 2013, 7, 246.	2.8	44
53	Off the Beaten Path: Drug Addiction and the Pontine Laterodorsal Tegmentum. <i>ISRN Neuroscience</i> , 2013, 2013, 1-24.	1.5	16
54	Knockouts reveal overlapping functions of M ₂ and M ₄ muscarinic receptors and evidence for a local glutamatergic circuit within the laterodorsal tegmental nucleus. <i>Journal of Neurophysiology</i> , 2012, 108, 2751-2766.	1.8	22

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55	Hypocretin/Orexin Receptor Functions in Mesopontine Systems Regulating Sleep, Arousal, and Cataplexy. , 2011, , 139-151.		1
56	Nicotinic Activation of Laterodorsal Tegmental Neurons: Implications for Addiction to Nicotine. Neuropsychopharmacology, 2009, 34, 2529-2547.	5.4	31
57	Transmitter modulation of spike-evoked calcium transients in arousal related neurons: muscarinic inhibition of SNX-482-sensitive calcium influx. European Journal of Neuroscience, 2006, 23, 1151-1162.	2.6	27
58	Disparate cholinergic currents in rat principal trigeminal sensory nucleus neurons mediated by M1 and M2 receptors: a possible mechanism for selective gating of afferent sensory neurotransmission. European Journal of Neuroscience, 2006, 23, 3245-3258.	2.6	17
59	Hypocretin/Orexin Actions on Mesopontine Cholinergic Systems Controlling Behavioral State. , 2005, , 153-168.		1
60	Hypocretin/Orexin Peptide Signaling in the Ascending Arousal System: Elevation of Intracellular Calcium in the Mouse Dorsal Raphe and Laterodorsal Tegmentum. Journal of Neurophysiology, 2004, 92, 221-235.	1.8	90
61	Distinct Narcolepsy Syndromes in Orexin Receptor-2 and Orexin Null Mice. Neuron, 2003, 38, 715-730.	8.1	603
62	Substance P in the descending cholinergic projection to REM sleep-induction regions of the rat pontine reticular formation: anatomical and electrophysiological analyses. European Journal of Neuroscience, 2002, 15, 176-196.	2.6	25
63	Calcium Dynamics and Electrophysiological Properties of Cerebellar Purkinje Cells in SCA1 Transgenic Mice. Journal of Neurophysiology, 2001, 85, 1750-1760.	1.8	57