

Thomas E Krahe

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,420
citations

361296

20
h-index

360920

35
g-index

57
all docs

57
docs citations

57
times ranked

1342
citing authors

#	ARTICLE	IF	CITATIONS
1	Synaptic Dysfunction in the Hippocampus Accompanies Learning and Memory Deficits in Human Immunodeficiency Virus Type-1 Tat Transgenic Mice. <i>Biological Psychiatry</i> , 2013, 73, 443-453.	0.7	146
2	Retinal and Tectal "Driver-Like" Inputs Converge in the Shell of the Mouse Dorsal Lateral Geniculate Nucleus. <i>Journal of Neuroscience</i> , 2015, 35, 10523-10534.	1.7	118
3	Morphologically Distinct Classes of Relay Cells Exhibit Regional Preferences in the Dorsal Lateral Geniculate Nucleus of the Mouse. <i>Journal of Neuroscience</i> , 2011, 31, 17437-17448.	1.7	102
4	Synaptic development of the mouse dorsal lateral geniculate nucleus. <i>Journal of Comparative Neurology</i> , 2010, 518, 622-635.	0.9	99
5	Retinal Input Regulates the Timing of Corticogeniculate Innervation. <i>Journal of Neuroscience</i> , 2013, 33, 10085-10097.	1.7	71
6	The effects of hand preference and gender on finger tapping performance asymmetry by the use of an infra-red light measurement device. <i>Neuropsychologia</i> , 2000, 38, 529-534.	0.7	64
7	Recovery of Cortical Binocularity and Orientation Selectivity After the Critical Period for Ocular Dominance Plasticity. <i>Journal of Neurophysiology</i> , 2004, 92, 2113-2121.	0.9	64
8	Restoration of Neuronal Plasticity by a Phosphodiesterase Type 1 Inhibitor in a Model of Fetal Alcohol Exposure. <i>Journal of Neuroscience</i> , 2006, 26, 1057-1060.	1.7	59
9	Neonatal Alcohol Exposure Induces Long-Lasting Impairment of Visual Cortical Plasticity in Ferrets. <i>Journal of Neuroscience</i> , 2003, 23, 10002-10012.	1.7	47
10	Moderately Elevated Intracranial Pressure after Diffuse Traumatic Brain Injury is Associated with Exacerbated Neuronal Pathology and Behavioral Morbidity in the Rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1628-1636.	2.4	47
11	Early Alcohol Exposure Induces Persistent Alteration of Cortical Columnar Organization and Reduced Orientation Selectivity in the Visual Cortex. <i>Journal of Neurophysiology</i> , 2005, 93, 1317-1325.	0.9	46
12	Phosphodiesterase type 1 inhibition improves learning in rats exposed to alcohol during the third trimester equivalent of human gestation. <i>Neuroscience Letters</i> , 2010, 473, 202-207.	1.0	44
13	Developmental remodeling of relay cells in the dorsal lateral geniculate nucleus in the absence of retinal input. <i>Neural Development</i> , 2015, 10, 19.	1.1	42
14	Interneurons in the mouse visual thalamus maintain a high degree of retinal convergence throughout postnatal development. <i>Neural Development</i> , 2013, 8, 24.	1.1	38
15	Homeostatic Plasticity in the Visual Thalamus by Monocular Deprivation. <i>Journal of Neuroscience</i> , 2011, 31, 6842-6849.	1.7	35
16	Protein Synthesis-Independent Plasticity Mediates Rapid and Precise Recovery of Deprived Eye Responses. <i>Neuron</i> , 2005, 48, 329-343.	3.8	32
17	Phosphodiesterase Inhibition Increases CREB Phosphorylation and Restores Orientation Selectivity in a Model of Fetal Alcohol Spectrum Disorders. <i>PLoS ONE</i> , 2009, 4, e6643.	1.1	30
18	Absence of Plateau Potentials in dLGN Cells Leads to a Breakdown in Retinogeniculate Refinement. <i>Journal of Neuroscience</i> , 2015, 35, 3652-3662.	1.7	28

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19	Neocortical plasticity deficits in fetal alcohol spectrum disorders: Lessons from barrel and visual cortex. <i>Journal of Neuroscience Research</i> , 2008, 86, 256-263.	1.3	27
20	Overexpression of Serum Response Factor Restores Ocular Dominance Plasticity in a Model of Fetal Alcohol Spectrum Disorders. <i>Journal of Neuroscience</i> , 2010, 30, 2513-2520.	1.7	27
21	Tobacco and alcohol use during adolescence: Interactive mechanisms in animal models. <i>Biochemical Pharmacology</i> , 2017, 144, 1-17.	2.0	20
22	Neonatal transection of the corpus callosum affects paw preference lateralization of adult Swiss mice. <i>Neuroscience Letters</i> , 2003, 348, 69-72.	1.0	17
23	Tobacco smoke containing high or low levels of nicotine during adolescence: effects on novelty-seeking and anxiety-like behaviors in mice. <i>Psychopharmacology</i> , 2015, 232, 1693-1703.	1.5	17
24	Effects of rotational side preferences on immobile behavior of normal mice in the forced swimming test. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2002, 26, 169-176.	2.5	16
25	Effects of Sex and Laterality on the Rotatory Swimming Behavior of Normal Mice. <i>Physiology and Behavior</i> , 1998, 65, 607-616.	1.0	15
26	Energy drink enhances the behavioral effects of alcohol in adolescent mice. <i>Neuroscience Letters</i> , 2017, 651, 102-108.	1.0	14
27	Unilateral hemispherectomy at adulthood asymmetrically affects immobile behavior of male Swiss mice. <i>Behavioural Brain Research</i> , 2006, 172, 33-38.	1.2	13
28	Effect of chronic unpredictable mild stress on the expression profile of serotonin receptors in rats and mice: a meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 124, 78-88.	2.9	13
29	Early valproic acid exposure alters functional organization in the primary visual cortex. <i>Experimental Neurology</i> , 2011, 228, 138-148.	2.0	11
30	High- and Low-conditioned Behavioral effects of midazolam in Carioca high- and low-conditioned freezing rats in an ethologically based test. <i>Neuroscience Letters</i> , 2020, 715, 134632.	1.0	11
31	Cued Fear Conditioning in Carioca High- and Low-Conditioned Freezing Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 285.	1.0	11
32	Distinct patterns of brain Fos expression in Carioca High- and Low-conditioned Freezing Rats. <i>PLoS ONE</i> , 2020, 15, e0236039.	1.1	10
33	Contralateral Rotatory Bias in the Free-Swimming Test After Unilateral Hemispherectomy in Adult Swiss Mice. <i>International Journal of Neuroscience</i> , 2001, 108, 21-30.	0.8	9
34	Sodium valproate exposure during the brain growth spurt transiently impairs spatial learning in prepubertal rats. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 103, 684-691.	1.3	9
35	Adaptive reorganization of retinogeniculate axon terminals in dorsal lateral geniculate nucleus following experimental mild traumatic brain injury. <i>Experimental Neurology</i> , 2017, 289, 85-95.	2.0	9
36	Activation of NMDA Receptors Is Necessary for the Recovery of Cortical Binocularity. <i>Journal of Neurophysiology</i> , 2010, 103, 2700-2706.	0.9	8

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37	Effects of developmental alcohol and valproic acid exposure on play behavior of ferrets. <i>International Journal of Developmental Neuroscience</i> , 2016, 52, 75-81.	0.7	8
38	Modulation of CREB in the Dorsal Lateral Geniculate Nucleus of Dark-Reared Mice. <i>Neural Plasticity</i> , 2012, 2012, 1-8.	1.0	6
39	Hyperactivity and depression-like traits in Bax KO mice. <i>Brain Research</i> , 2015, 1625, 246-254.	1.1	6
40	Alcohol intake in Carioca High- and Low-conditioned Freezing rats. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 197, 173019.	1.3	6
41	Behavioral effects of chronic stress in Carioca high- and low-conditioned freezing rats. <i>Stress</i> , 2021, 24, 602-611.	0.8	6
42	Phosphodiesterase Type 4 Inhibition Does Not Restore Ocular Dominance Plasticity in a Ferret Model of Fetal Alcohol Spectrum Disorders. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 493-498.	1.4	5
43	GABAA overactivation potentiates the effects of NMDA blockade during the brain growth spurt in eliciting locomotor hyperactivity in juvenile mice. <i>Neurotoxicology and Teratology</i> , 2015, 50, 43-52.	1.2	5
44	Ethanol exposure during the brain growth spurt impairs habituation and promotes locomotor hyperactivity of infant mice in the tail suspension test.. <i>Psychology and Neuroscience</i> , 2021, 14, 82-93.	0.5	3
45	Ethanol exposure during the brain growth spurt period increases ethanol-induced aggressive behavior in adolescent male mice. <i>International Journal of Developmental Neuroscience</i> , 2020, 80, 657-666.	0.7	2
46	High-sugar/high-fat diet modulates the effects of chronic stress in cariocas high- and low-conditioned freezing rats. <i>Physiology and Behavior</i> , 2022, 248, 113742.	1.0	2
47	Ontogenetic analysis of behavior in the tail suspension test: Temporal differences in the emergence of within- and between-session habituation in Swiss mice. <i>Developmental Psychobiology</i> , 2014, 56, 850-856.	0.9	1
48	Forced swimming stress increases natatory activity of lead-exposed mice. <i>Toxicological Research</i> , 2021, 37, 115-124.	1.1	1
49	Timing of corticogeniculate innervation in the dorsal lateral geniculate nucleus (dLGN) of the mouse relies on retinogeniculate axon innervation. <i>Neuroscience Research</i> , 2011, 71, e348-e349.	1.0	0
50	Theoretical, and epistemological challenges in scientific investigations of complex emotional states in animals. <i>Consciousness and Cognition</i> , 2020, 84, 103003.	0.8	0
51	Distinct patterns of brain Fos expression in Carioca High- and Low-conditioned Freezing Rats. , 2020, 15, e0236039.		0
52	Distinct patterns of brain Fos expression in Carioca High- and Low-conditioned Freezing Rats. , 2020, 15, e0236039.		0
53	Distinct patterns of brain Fos expression in Carioca High- and Low-conditioned Freezing Rats. , 2020, 15, e0236039.		0
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56	Distinct patterns of brain Fos expression in Carioca High- and Low-conditioned Freezing Rats. , 2020, 15, e0236039.		0