

Sven Kroener

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

2,926
citations

159525

30
h-index

243529

44
g-index

47
all docs

47
docs citations

47
times ranked

3768
citing authors

#	ARTICLE	IF	CITATIONS
1	Afferent and efferent connections of the caudolateral neostriatum in the pigeon (<i>Columba livia</i>): A retro- and anterograde pathway tracing study. <i>Journal of Comparative Neurology</i> , 1999, 407, 228-260.	0.9	238
2	Chronic Alcohol Exposure Alters Behavioral and Synaptic Plasticity of the Rodent Prefrontal Cortex. <i>PLoS ONE</i> , 2012, 7, e37541.	1.1	202
3	Dopamine Modulates Excitability of Basolateral Amygdala Neurons In Vitro. <i>Journal of Neurophysiology</i> , 2005, 93, 1598-1610.	0.9	158
4	Localization of Calcium-binding Proteins in Physiologically and Morphologically Characterized Interneurons of Monkey Dorsolateral Prefrontal Cortex. <i>Cerebral Cortex</i> , 2005, 15, 1178-1186.	1.6	158
5	The ability of the mesocortical dopamine system to operate in distinct temporal modes. <i>Psychopharmacology</i> , 2007, 191, 609-625.	1.5	135
6	Dopamine Modulates Persistent Synaptic Activity and Enhances the Signal-to-Noise Ratio in the Prefrontal Cortex. <i>PLoS ONE</i> , 2009, 4, e6507.	1.1	134
7	The dopaminergic innervation of the avian telencephalon. <i>Progress in Neurobiology</i> , 1999, 59, 161-195.	2.8	132
8	Deregulation of mitochondrial F1FO-ATP synthase via OSCP in Alzheimer's disease. <i>Nature Communications</i> , 2016, 7, 11483.	5.8	127
9	Cluster Analysis-Based Physiological Classification and Morphological Properties of Inhibitory Neurons in Layers 2-3 of Monkey Dorsolateral Prefrontal Cortex. <i>Journal of Neurophysiology</i> , 2005, 94, 3009-3022.	0.9	120
10	Properties of Excitatory Synaptic Responses in Fast-spiking Interneurons and Pyramidal Cells from Monkey and Rat Prefrontal Cortex. <i>Cerebral Cortex</i> , 2006, 16, 541-552.	1.6	118
11	Dopamine Increases Inhibition in the Monkey Dorsolateral Prefrontal Cortex through Cell Type-Specific Modulation of Interneurons. <i>Cerebral Cortex</i> , 2006, 17, 1020-1032.	1.6	110
12	Vagus nerve stimulation enhances extinction of conditioned fear and modulates plasticity in the pathway from the ventromedial prefrontal cortex to the amygdala. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 327.	1.0	105
13	Ethanol Inhibits Persistent Activity in Prefrontal Cortical Neurons. <i>Journal of Neuroscience</i> , 2007, 27, 4765-4775.	1.7	89
14	The dopaminergic innervation of the pigeon telencephalon: distribution of DARPP-32 and co-occurrence with glutamate decarboxylase and tyrosine hydroxylase. <i>Neuroscience</i> , 1998, 83, 763-779.	1.1	75
15	Functional Maturation of Excitatory Synapses in Layer 3 Pyramidal Neurons during Postnatal Development of the Primate Prefrontal Cortex. <i>Cerebral Cortex</i> , 2008, 18, 626-637.	1.6	75
16	Ketamine administration during the second postnatal week induces enduring schizophrenia-like behavioral symptoms and reduces parvalbumin expression in the medial prefrontal cortex of adult mice. <i>Behavioural Brain Research</i> , 2015, 282, 165-175.	1.2	73
17	The receptor architecture of the pigeons' nidopallium caudolaterale: an avian analogue to the mammalian prefrontal cortex. <i>Brain Structure and Function</i> , 2011, 216, 239-254.	1.2	68
18	Electrophysiological Differences Between Neurogliaform Cells From Monkey and Rat Prefrontal Cortex. <i>Journal of Neurophysiology</i> , 2007, 97, 1030-1039.	0.9	64

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19	Neuropathic Pain Creates an Enduring Prefrontal Cortex Dysfunction Corrected by the Type II Diabetic Drug Metformin But Not by Gabapentin. <i>Journal of Neuroscience</i> , 2018, 38, 7337-7350.	1.7	60
20	Increasing the GluN2A/GluN2B Ratio in Neurons of the Mouse Basal and Lateral Amygdala Inhibits the Modification of an Existing Fear Memory Trace. <i>Journal of Neuroscience</i> , 2016, 36, 9490-9504.	1.7	59
21	Ketamine Administration During the Second Postnatal Week Alters Synaptic Properties of Fast-Spiking Interneurons in the Medial Prefrontal Cortex of Adult Mice. <i>Cerebral Cortex</i> , 2016, 26, 1117-1129.	1.6	55
22	Disrupted hippocampal growth hormone secretagogue receptor 1 \pm interaction with dopamine receptor D1 plays a role in Alzheimer's disease. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	45
23	Dopaminergic Modulation of Short-Term Synaptic Plasticity in Fast-Spiking Interneurons of Primate Dorsolateral Prefrontal Cortex. <i>Journal of Neurophysiology</i> , 2005, 94, 4168-4177.	0.9	44
24	Dopamine Modulation of Prefrontal Cortex Interneurons Occurs Independently of DARPP-32. <i>Cerebral Cortex</i> , 2008, 18, 951-958.	1.6	42
25	Reversal of peripheral nerve injury-induced neuropathic pain and cognitive dysfunction via genetic and tomosertib targeting of MNK. <i>Neuropsychopharmacology</i> , 2020, 45, 524-533.	2.8	40
26	A Polysensory Pathway to the Forebrain of the Pigeon: The Ascending Projections of the Nucleus Dorsolateralis Posterior Thalami (DLP). <i>European Journal of Morphology</i> , 1999, 37, 185-189.	1.4	40
27	Antioxidant Treatment with N-acetyl Cysteine Prevents the Development of Cognitive and Social Behavioral Deficits that Result from Perinatal Ketamine Treatment. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 106.	1.0	37
28	Near-Infrared Light Triggered Release in Deep Brain Regions Using Ultra-photosensitive Nanovesicles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8608-8615.	7.2	36
29	Altered Dopamine Modulation of Inhibition in the Prefrontal Cortex of Cocaine-Sensitized Rats. <i>Neuropsychopharmacology</i> , 2010, 35, 2292-2304.	2.8	35
30	Dopamine modulation of neuronal function in the monkey prefrontal cortex. <i>Physiology and Behavior</i> , 2002, 77, 537-543.	1.0	34
31	Vagus nerve stimulation reduces cocaine seeking and alters plasticity in the extinction network. <i>Learning and Memory</i> , 2017, 24, 35-42.	0.5	34
32	Effects of Acamprosate on Attentional Set-Shifting and Cellular Function in the Prefrontal Cortex of Chronic Alcohol-Exposed Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2015, 39, 953-961.	1.4	32
33	Antioxidant Treatment in Male Mice Prevents Mitochondrial and Synaptic Changes in an NMDA Receptor Dysfunction Model of Schizophrenia. <i>ENeuro</i> , 2017, 4, ENEURO.0081-17.2017.	0.9	32
34	Vagus Nerve Stimulation as a Tool to Induce Plasticity in Pathways Relevant for Extinction Learning. <i>Journal of Visualized Experiments</i> , 2015, , e53032.	0.2	26
35	Electrophysiological and morphological properties of cell types in the chick neostriatum caudolaterale. <i>Neuroscience</i> , 2002, 110, 459-473.	1.1	24
36	Effects of prepulses and d-amphetamine on performance and event-related potential measures on an auditory discrimination task. <i>Psychopharmacology</i> , 1999, 145, 123-132.	1.5	14

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37	Calcium chloride mimics the effects of acamprosate on cognitive deficits in chronic alcohol-exposed mice. <i>Psychopharmacology</i> , 2018, 235, 2027-2040.	1.5	13
38	Neuroplasticity of A-type potassium channel complexes induced by chronic alcohol exposure enhances dendritic calcium transients in hippocampus. <i>Psychopharmacology</i> , 2015, 232, 1995-2006.	1.5	11
39	Vagus nerve stimulation during extinction learning reduces conditioned place preference and context-induced reinstatement of cocaine seeking. <i>Brain Stimulation</i> , 2019, 12, 1448-1455.	0.7	11
40	Deletion of the Mitochondrial Matrix Protein CyclophilinD Prevents Parvalbumin Interneuron Dysfunction and Cognitive Deficits in a Mouse Model of NMDA Hypofunction. <i>Journal of Neuroscience</i> , 2020, 40, 6121-6132.	1.7	7
41	Modulation of OSCP mitigates mitochondrial and synaptic deficits in a mouse model of Alzheimer's pathology. <i>Neurobiology of Aging</i> , 2021, 98, 63-77.	1.5	7
42	The Efficacy of Lidocaine in Disrupting Cocaine Cue-Induced Memory Reconsolidation. <i>Drug and Alcohol Dependence</i> , 2020, 212, 108062.	1.6	4
43	(173) Neuropathic pain creates an enduring deficit in prefrontal cortex-dependent behavioral performance that is resistant to gabapentin treatment but reversed by metformin. <i>Journal of Pain</i> , 2017, 18, S19.	0.7	1
44	Delay-Period Activity and Executive Functions of the Prefrontal Cortex. <i>Brain Sciences</i> , 2020, 10, 3.	1.1	1
45	The effects of acamprosate on prefrontal cortical function are mimicked by CaCl ₂ and they are influenced by the history of alcohol exposure. <i>Neuropharmacology</i> , 2022, 212, 109062.	2.0	0