

Oliver Stork

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

4,283
citations

126907

33
h-index

123424

61
g-index

108
all docs

108
docs citations

108
times ranked

4914
citing authors

#	ARTICLE	IF	CITATIONS
1	Allostatic gene regulation of inhibitory synaptic factors in the rat ventral hippocampus in a juvenile/adult stress model of psychopathology. <i>European Journal of Neuroscience</i> , 2022, 55, 2142-2153.	2.6	5
2	Antibiotic-induced gut dysbiosis leads to activation of microglia and impairment of cholinergic gamma oscillations in the hippocampus. <i>Brain, Behavior, and Immunity</i> , 2022, 99, 203-217.	4.1	21
3	Depletion of dietary phytoestrogens reduces hippocampal plasticity and contextual fear memory stability in adult male mouse. <i>Nutritional Neuroscience</i> , 2021, 24, 951-962.	3.1	8
4	Hippocampal GABAergic interneurons and their co-localized neuropeptides in stress vulnerability and resilience. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 122, 229-244.	6.1	16
5	Short antisense oligonucleotides alleviate the pleiotropic toxicity of RNA harboring expanded CCG repeats. <i>Nature Communications</i> , 2021, 12, 1265.	12.8	31
6	Met carriers of the BDNF Val66Met polymorphism show reduced Glx/NAA in the pregenual ACC in two independent cohorts. <i>Scientific Reports</i> , 2021, 11, 6742.	3.3	8
7	To err is (not only) human: Mechanisms of post-error attentional regulation illuminated in mice. <i>Neuron</i> , 2021, 109, 1074-1076.	8.1	0
8	The Presynaptic Scaffold Protein Bassoon in Forebrain Excitatory Neurons Mediates Hippocampal Circuit Maturation: Potential Involvement of TrkB Signalling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7944.	4.1	7
9	Transgenic modeling of Ndr2 gene amplification reveals disturbance of hippocampus circuitry and function. <i>IScience</i> , 2021, 24, 102868.	4.1	3
10	Reducing glutamic acid decarboxylase in the dorsal dentate gyrus attenuates juvenile stress induced emotional and cognitive deficits. <i>Neurobiology of Stress</i> , 2021, 15, 100350.	4.0	12
11	MeCP2 haplodeficiency and early-life stress interaction on anxiety-like behavior in adolescent female mice. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 59.	3.1	6
12	Active resilience in response to traumatic stress. , 2020, , 95-106.		1
13	Dietary phytoestrogens modulate aggression and activity in social behavior circuits of male mice. <i>Hormones and Behavior</i> , 2020, 119, 104637.	2.1	8
14	Male-specific features are reduced in Mecp2-null mice: analyses of vasopressinergic innervation, pheromone production and social behaviour. <i>Brain Structure and Function</i> , 2020, 225, 2219-2238.	2.3	6
15	Region-specific involvement of interneuron subpopulations in trauma-related pathology and resilience. <i>Neurobiology of Disease</i> , 2020, 143, 104974.	4.4	15
16	Glutamic acid decarboxylase 67 haplodeficiency in mice: consequences of postweaning social isolation on behavior and changes in brain neurochemical systems. <i>Brain Structure and Function</i> , 2020, 225, 1719-1742.	2.3	7
17	Persistent increase in ventral hippocampal long-term potentiation by juvenile stress: A role for astrocytic glutamine synthetase. <i>Glia</i> , 2019, 67, 2279-2293.	4.9	10
18	The role of the GABAA receptor Alpha 1 subunit in the ventral hippocampus in stress resilience. <i>Scientific Reports</i> , 2019, 9, 13513.	3.3	15

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19	Lack of MeCP2 leads to region-specific increase of doublecortin in the olfactory system. <i>Brain Structure and Function</i> , 2019, 224, 1647-1658.	2.3	8
20	P.2.06 Differential role of GABAergic alterations in the dorsal and ventral dentate gyrus, and its impact on childhood stress. <i>European Neuropsychopharmacology</i> , 2019, 29, S658-S659.	0.7	0
21	SIPA1L2 controls trafficking and local signaling of TrkB-containing amphisomes at presynaptic terminals. <i>Nature Communications</i> , 2019, 10, 5448.	12.8	64
22	Hippocampal network oscillations at the interplay between innate anxiety and learned fear. <i>Psychopharmacology</i> , 2019, 236, 321-338.	3.1	52
23	Animal models of PTSD: a challenge to be met. <i>Molecular Psychiatry</i> , 2019, 24, 1135-1156.	7.9	138
24	Caldendrin Directly Couples Postsynaptic Calcium Signals to Actin Remodeling in Dendritic Spines. <i>Neuron</i> , 2018, 97, 1110-1125.e14.	8.1	68
25	Hippocampal network oscillations as mediators of behavioural metaplasticity: Insights from emotional learning. <i>Neurobiology of Learning and Memory</i> , 2018, 154, 37-53.	1.9	26
26	Filamin A Phosphorylation at Serine 2152 by the Serine/Threonine Kinase Ndr2 Controls TCR-Induced LFA-1 Activation in T Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2852.	4.8	20
27	Circadian Rhythms in Regulation of Brain Processes and Role in Psychiatric Disorders. <i>Neural Plasticity</i> , 2018, 2018, 1-3.	2.2	7
28	Ablation of the presynaptic organizer Bassoon in excitatory neurons retards dentate gyrus maturation and enhances learning performance. <i>Brain Structure and Function</i> , 2018, 223, 3423-3445.	2.3	21
29	Ndr2 Kinase Controls Neurite Outgrowth and Dendritic Branching Through $\alpha 1$ Integrin Expression. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 66.	2.9	5
30	GAD65 Promoter Polymorphism rs2236418 Modulates Harm Avoidance in Women via Inhibition/Excitation Balance in the Rostral ACC. <i>Journal of Neuroscience</i> , 2018, 38, 5067-5077.	3.6	17
31	Receptor tyrosine kinase inhibition by regorafenib/sorafenib inhibits growth and invasion of meningioma cells. <i>European Journal of Cancer</i> , 2017, 73, 9-21.	2.8	27
32	Neurobiological consequences of juvenile stress: A GABAergic perspective on risk and resilience. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 74, 21-43.	6.1	46
33	Selective rescue of heightened anxiety but not gait ataxia in a premutation 90CGG mouse model of Fragile X-associated tremor/ataxia syndrome. <i>Human Molecular Genetics</i> , 2017, 26, 2133-2145.	2.9	15
34	HIPP neurons in the dentate gyrus mediate the cholinergic modulation of background context memory salience. <i>Nature Communications</i> , 2017, 8, 189.	12.8	54
35	Circadian Rhythms in Fear Conditioning: An Overview of Behavioral, Brain System, and Molecular Interactions. <i>Neural Plasticity</i> , 2017, 2017, 1-12.	2.2	27
36	Aberrant neuronal activity-induced signaling and gene expression in a mouse model of RASopathy. <i>PLoS Genetics</i> , 2017, 13, e1006684.	3.5	24

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37	Integrin Activation Through the Hematopoietic Adapter Molecule ADAP Regulates Dendritic Development of Hippocampal Neurons. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 91.	2.9	5
38	A Jacob/Nsmf Gene Knockout Results in Hippocampal Dysplasia and Impaired BDNF Signaling in Dendritogenesis. <i>PLoS Genetics</i> , 2016, 12, e1005907.	3.5	36
39	Shifts in excitatory/inhibitory balance by juvenile stress: A role for neuron-astrocyte interaction in the dentate gyrus. <i>Glia</i> , 2016, 64, 911-922.	4.9	30
40	Identification of Parvalbumin Interneurons as Cellular Substrate of Fear Memory Persistence. <i>Cerebral Cortex</i> , 2016, 26, 2325-2340.	2.9	79
41	Quantitative proteomics reveals protein kinases and phosphatases in the individual phases of contextual fear conditioning in the C57BL/6J mouse. <i>Behavioural Brain Research</i> , 2016, 303, 208-217.	2.2	8
42	Individual phases of contextual fear conditioning differentially modulate dorsal and ventral hippocampal GluA1-3, GluN1-containing receptor complexes and subunits. <i>Hippocampus</i> , 2015, 25, 1501-1516.	1.9	5
43	Identification and Characterization of GABAergic Projection Neurons from Ventral Hippocampus to Amygdala. <i>Brain Sciences</i> , 2015, 5, 299-317.	2.3	20
44	Limbic Encephalitis: Potential Impact of Adaptive Autoimmune Inflammation on Neuronal Circuits of the Amygdala. <i>Frontiers in Neurology</i> , 2015, 6, 171.	2.4	9
45	Timing of presentation and nature of stimuli determine retroactive interference with social recognition memory in mice. <i>Physiology and Behavior</i> , 2015, 143, 10-14.	2.1	12
46	Long-term changes in the CA3 associative network of fear-conditioned mice. <i>Stress</i> , 2015, 18, 188-197.	1.8	5
47	Genetic analysis of the glyoxalase system in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 59, 105-110.	4.8	12
48	The <i>GAD65</i> knock out mouse – a model for GABAergic processes in fear- and stress-induced psychopathology. <i>Genes, Brain and Behavior</i> , 2015, 14, 37-45.	2.2	50
49	5-HT receptor-mediated modulation of granule cell inhibition after juvenile stress recovers after a second exposure to adult stress. <i>Neuroscience</i> , 2015, 293, 67-79.	2.3	16
50	Differential modulation of synaptic plasticity and local circuit activity in the dentate gyrus and CA1 regions of the rat hippocampus by corticosterone. <i>Stress</i> , 2015, 18, 319-327.	1.8	25
51	Transcriptional Regulation of Glutamic Acid Decarboxylase in the Male Mouse Amygdala by Dietary Phytoestrogens. <i>Journal of Neuroendocrinology</i> , 2015, 27, 285-292.	2.6	5
52	Networks of protein kinases and phosphatases in the individual phases of contextual fear conditioning in the C57BL/6J mouse. <i>Behavioural Brain Research</i> , 2015, 280, 45-50.	2.2	8
53	Contextual fear conditioning modulates hippocampal AMPA-, GluN1- and serotonin receptor 5-HT1A-containing receptor complexes. <i>Behavioural Brain Research</i> , 2015, 278, 44-54.	2.2	6
54	Amygdala activation and GABAergic gene expression in hippocampal sub-regions at the interplay of stress and spatial learning. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 3.	2.0	38

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55	GAD65 haplodeficiency conveys resilience in animal models of stress-induced psychopathology. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 265.	2.0	34
56	The Serine/Threonine Kinase Ndr2 Controls Integrin Trafficking and Integrin-Dependent Neurite Growth. <i>Journal of Neuroscience</i> , 2014, 34, 5342-5354.	3.6	45
57	<scp>NCAM</scp> deficiency in the mouse forebrain impairs innate and learned avoidance behaviours. <i>Genes, Brain and Behavior</i> , 2014, 13, 468-477.	2.2	11
58	The GABA-synthetic enzyme GAD65 controls circadian activation of conditioned fear pathways. <i>Behavioural Brain Research</i> , 2014, 260, 92-100.	2.2	17
59	Glutamic acid decarboxylase 67 haplodeficiency impairs social behavior in mice. <i>Genes, Brain and Behavior</i> , 2014, 13, 439-450.	2.2	44
60	Hippocampal protein kinase C family members in spatial memory retrieval in the mouse. <i>Behavioural Brain Research</i> , 2014, 258, 202-207.	2.2	12
61	Stress-induced metaplasticity: From synapses to behavior. <i>Neuroscience</i> , 2013, 250, 112-120.	2.3	100
62	Distinct set of kinases induced after retrieval of spatial memory discriminate memory modulation processes in the mouse hippocampus. <i>Hippocampus</i> , 2013, 23, 672-683.	1.9	8
63	Long-Lasting Increase of Corticosterone After Fear Memory Reactivation: Anxiolytic Effects and Network Activity Modulation in the Ventral Hippocampus. <i>Neuropsychopharmacology</i> , 2013, 38, 386-394.	5.4	45
64	mTORC1 Inhibitors Suppress Meningioma Growth in Mouse Models. <i>Clinical Cancer Research</i> , 2013, 19, 1180-1189.	7.0	85
65	Role of stress system disturbance and enhanced novelty response in spatial learning of NCAM-deficient mice. <i>Stress</i> , 2013, 16, 638-646.	1.8	5
66	Hippocampal Hyperexcitability Underlies Enhanced Fear Memories in Tg<i>NTRK3</i>, a Panic Disorder Mouse Model. <i>Journal of Neuroscience</i> , 2013, 33, 15259-15271.	3.6	30
67	The Ubiquitin Ligase Praja1 Reduces NRAGE Expression and Inhibits Neuronal Differentiation of PC12 Cells. <i>PLoS ONE</i> , 2013, 8, e63067.	2.5	15
68	Circadian Modulation of Anxiety: A Role for Somatostatin in the Amygdala. <i>PLoS ONE</i> , 2013, 8, e84668.	2.5	17
69	Are NCAM deficient mice an animal model for schizophrenia?. <i>Frontiers in Behavioral Neuroscience</i> , 2012, 6, 43.	2.0	22
70	Synaptology of ventral CA1 and subiculum projections to the basomedial nucleus of the amygdala in the mouse: relation to GABAergic interneurons. <i>Brain Structure and Function</i> , 2012, 217, 5-17.	2.3	19
71	Neuropeptide S-Mediated Facilitation of Synaptic Transmission Enforces Subthreshold Theta Oscillations within the Lateral Amygdala. <i>PLoS ONE</i> , 2011, 6, e18020.	2.5	15
72	Role of the neural cell adhesion molecule (NCAM) in amygdalo-hippocampal interactions and salience determination of contextual fear memory. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 661-674.	2.1	22

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73	Disruption of fear memory consolidation and reconsolidation by actin filament arrest in the basolateral amygdala. <i>Neurobiology of Learning and Memory</i> , 2010, 94, 117-126.	1.9	43
74	Deficiency of the 65 kDa Isoform of Glutamic Acid Decarboxylase Impairs Extinction of Cued But Not Contextual Fear Memory. <i>Journal of Neuroscience</i> , 2009, 29, 15713-15720.	3.6	90
75	Behavioral effects and pattern of brain c-fos mRNA induced by 2,5-dihydro-2,4,5-trimethylthiazoline, a component of fox feces odor in GAD67-GFP knock-in C57BL/6 mice. <i>Behavioural Brain Research</i> , 2009, 202, 218-224.	2.2	33
76	Role of the somatostatin system in contextual fear memory and hippocampal synaptic plasticity. <i>Learning and Memory</i> , 2008, 15, 252-260.	1.3	35
77	Critical role of the 65-kDa isoform of glutamic acid decarboxylase in consolidation and generalization of Pavlovian fear memory. <i>Learning and Memory</i> , 2008, 15, 163-171.	1.3	95
78	Identification of a Neuropeptide S Responsive Circuitry Shaping Amygdala Activity via the Endopiriform Nucleus. <i>PLoS ONE</i> , 2008, 3, e2695.	2.5	101
79	Theta resynchronization during reconsolidation of remote contextual fear memory. <i>NeuroReport</i> , 2007, 18, 1107-1111.	1.2	55
80	Dissociated theta phase synchronization in amygdalo- hippocampal circuits during various stages of fear memory. <i>European Journal of Neuroscience</i> , 2007, 25, 1823-1831.	2.6	98
81	Genes and neurons: molecular insights to fear and anxiety. <i>Genes, Brain and Behavior</i> , 2006, 5, 34-47.	2.2	19
82	Theta activity in neurons and networks of the amygdala related to long-term fear memory. <i>Hippocampus</i> , 2005, 15, 874-880.	1.9	129
83	Neuronal Functions of the Novel Serine/Threonine Kinase Ndr2. <i>Journal of Biological Chemistry</i> , 2004, 279, 45773-45781.	3.4	49
84	Altered conditioned fear behavior in glutamate decarboxylase 65 null mutant mice. <i>Genes, Brain and Behavior</i> , 2003, 2, 65-70.	2.2	61
85	Amygdalar and Hippocampal Theta Rhythm Synchronization During Fear Memory Retrieval. <i>Science</i> , 2003, 301, 846-850.	12.6	662
86	Generalisation of conditioned fear and its behavioural expression in mice. <i>Behavioural Brain Research</i> , 2003, 145, 89-98.	2.2	137
87	Cell Adhesion Molecules: Key Players in Memory Consolidation?. <i>Physiology</i> , 2003, 18, 147-150.	3.1	26
88	Contribution of NR2B Subunits to Synaptic Transmission in Amygdaloid Interneurons. <i>Journal of Neuroscience</i> , 2003, 23, 2549-2556.	3.6	46
89	Genes and Mechanisms in the Amygdala Involved in the Formation of Fear Memory. <i>Annals of the New York Academy of Sciences</i> , 2003, 985, 92-105.	3.8	61
90	Resistance to alcohol withdrawal-induced behaviour in Fyn transgenic mice and its reversal by ifenprodil. <i>Molecular Brain Research</i> , 2002, 105, 126-135.	2.3	19

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91	Reduction of extracellular GABA in the mouse amygdala during and following confrontation with a conditioned fear stimulus. <i>Neuroscience Letters</i> , 2002, 327, 138-142.	2.1	78
92	Fear memory and the amygdala: insights from a molecular perspective. <i>Cell and Tissue Research</i> , 2002, 310, 271-277.	2.9	20
93	Cellular processes in the amygdala: gates to emotional memory?. <i>Zoology</i> , 2001, 104, 232-240.	1.2	6
94	Identification of Genes Expressed in the Amygdala During the Formation of Fear Memory. <i>Learning and Memory</i> , 2001, 8, 209-219.	1.3	73
95	Recovery of emotional behaviour in neural cell adhesion molecule (NCAM) null mutant mice through transgenic expression of NCAM180. <i>European Journal of Neuroscience</i> , 2000, 12, 3291-3306.	2.6	115
96	Postnatal development of a GABA deficit and disturbance of neural functions in mice lacking GAD65. <i>Brain Research</i> , 2000, 865, 45-58.	2.2	177
97	Memory formation and the regulation of gene expression. <i>Cellular and Molecular Life Sciences</i> , 1999, 55, 575-592.	5.4	85
98	Anxiety and increased 5-HT1A receptor response in NCAM null mutant mice. <i>Journal of Neurobiology</i> , 1999, 40, 343-355.	3.6	113
99	Increased Intermale Aggression and Neuroendocrine Response in Mice Deficient for the Neural Cell Adhesion Molecule (NCAM). <i>European Journal of Neuroscience</i> , 1997, 9, 1117-1125.	2.6	101
100	Haloperidol activates tyrosine hydroxylase gene-expression in the rat substantia nigra, pars reticulata. <i>Brain Research</i> , 1994, 633, 213-222.	2.2	30
101	Increase of tyrosine hydroxylase and its mRNA in the rat substantia nigra pars reticulata by diazepam and picrotoxin. <i>Neuroscience Research</i> , 1994, 19, 73-80.	1.9	8
102	6-Hydroxydopamine Lesion Prevents Induction of Tyrosine Hydroxylase by Haloperidol in the Rat Substantia Nigra, Pars Reticulata.. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 1994, 70, 92-95.	3.8	0