

# Frauke Ohl

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

2,743  
citations

159585

30  
h-index

175258

52  
g-index

55  
all docs

55  
docs citations

55  
times ranked

3072  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regular voluntary exercise reduces anxiety-related behaviour and impulsiveness in mice. Behavioural Brain Research, 2004, 155, 197-206.	2.2	166
2	Reduction of Hypothalamic Vasopressinergic Hyperdrive Contributes to Clinically Relevant Behavioral and Neuroendocrine Effects of Chronic Paroxetine Treatment in a Psychopathological Rat Model. Neuropsychopharmacology, 2003, 28, 235-243.	5.4	156
3	Individual housing of mice " Impact on behaviour and stress responses. Physiology and Behavior, 2009, 97, 385-393.	2.1	148
4	Maternal defence as an emotional stressor in female rats: correlation of neuroendocrine and behavioural parameters and involvement of brain oxytocin. European Journal of Neuroscience, 2001, 13, 1016-1024.	2.6	142
5	Psychosocial stress, glucocorticoids, and structural alterations in the tree shrew hippocampus. Physiology and Behavior, 2001, 73, 285-291.	2.1	137
6	Unconditioned anxiety and social behaviour in two rat lines selectively bred for high and low anxiety-related behaviour. Behavioural Brain Research, 2000, 111, 153-163.	2.2	125
7	Dimensions of emotionality in a rat model of innate anxiety.. Behavioral Neuroscience, 2001, 115, 429-436.	1.2	114
8	Differential effects of chronic stress on memory processes in the tree shrew. Cognitive Brain Research, 1999, 7, 379-387.	3.0	99
9	Differential analysis of behavior and diazepam-induced alterations in C57BL/6N and BALB/c mice using the modified hole board test. Journal of Psychiatric Research, 2001, 35, 147-154.	3.1	94
10	Isoflurane anaesthesia reversibly improves cognitive function and long-term potentiation (LTP) via an up-regulation in NMDA receptor 2B subunit expression. Neuropharmacology, 2009, 56, 626-636.	4.1	94
11	Impact of high and low anxiety on cognitive performance in a modified hole board test in C57BL/6 and DBA/2 mice. European Journal of Neuroscience, 2003, 17, 128-136.	2.6	91
12	Effects of light or dark phase testing on behavioural and cognitive performance in DBA mice. Laboratory Animals, 2006, 40, 371-381.	1.0	88
13	Profiling of behavioral changes and hippocampal gene expression in mice chronically treated with the SSRI paroxetine. Psychopharmacology, 2008, 200, 557-572.	3.1	84
14	Inhibition of the JNK/AP-1 pathway reduces neuronal death and improves behavioral outcome after neonatal hypoxic-ischemic brain injury. Brain, Behavior, and Immunity, 2010, 24, 812-821.	4.1	80
15	Differences in serotonergic neurotransmission between rats displaying high or low anxiety/depression-like behaviour: effects of chronic paroxetine treatment. Journal of Neurochemistry, 2005, 92, 1170-1179.	3.9	74
16	Pathological anxiety in animals. Veterinary Journal, 2008, 175, 18-26.	1.7	74
17	Testing for anxiety. Clinical Neuroscience Research, 2003, 3, 233-238.	0.8	73
18	Listening to mutant mice: a spotlight on the role of CRF/CRF receptor systems in affective disorders. Neuroscience and Biobehavioral Reviews, 2005, 29, 867-889.	6.1	62

#	ARTICLE	IF	CITATIONS
19	The appetitively motivated "cognitive" holeboard: A family of complex spatial discrimination tasks for assessing learning and memory. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 379-403.	6.1	57
20	A test to identify judgement bias in mice. <i>Behavioural Brain Research</i> , 2012, 233, 45-54.	2.2	53
21	Mechanisms Underlying the Protective Potential of $\alpha$ -Tocopherol (Vitamin E) against Haloperidol-associated Neurotoxicity. <i>Neuropsychopharmacology</i> , 2002, 26, 397-407.	5.4	52
22	The Impact of Transportation on Physiological and Behavioral Parameters in Wistar Rats: Implications for Acclimatization Periods. <i>ILAR Journal</i> , 2012, 53, E82-E98.	1.8	50
23	Cognitive performance in rats differing in their inborn anxiety.. <i>Behavioral Neuroscience</i> , 2002, 116, 464-471.	1.2	48
24	Mild neonatal hypoxia-ischemia induces long-term motor- and cognitive impairments in mice. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 850-856.	4.1	47
25	Assessing cognitive functions in tree shrews: visuo-spatial and spatial learning in the home cage. <i>Journal of Neuroscience Methods</i> , 1998, 81, 35-40.	2.5	42
26	Memory performance in tree shrews: effects of stressful experiences. <i>Neuroscience and Biobehavioral Reviews</i> , 1998, 23, 319-323.	6.1	41
27	The temporal dynamics of intrahippocampal corticosterone in response to stress-related stimuli with different emotional and physical load: An in vivo microdialysis study in C57BL/6 and DBA/2 inbred mice. <i>Psychoneuroendocrinology</i> , 2007, 32, 746-757.	2.7	39
28	NF- $\kappa$ B inhibition after neonatal cerebral hypoxia-ischemia improves long-term motor and cognitive outcome in rats. <i>Neurobiology of Disease</i> , 2010, 38, 266-272.	4.4	38
29	Evaluation of neurobehavioral deficits following different severities of cerebral ischemia in rats: A comparison between the modified hole board test and the Morris water maze test. <i>Behavioural Brain Research</i> , 2012, 235, 7-20.	2.2	38
30	Behavioral characterization of A/J and C57BL/6J mice using a multidimensional test: Association between blood plasma and brain magnesium-ion concentration with anxiety. <i>Physiology and Behavior</i> , 2011, 102, 205-219.	2.1	33
31	Impact of anxiety profiles on cognitive performance in BALB/c and 129P2 mice. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2012, 12, 794-803.	2.0	27
32	Chromosomal Assignment of Quantitative Trait Loci Influencing Modified Hole Board Behavior in Laboratory Mice using Consomic Strains, with Special Reference to Anxiety-related Behavior and Mouse Chromosome 19. <i>Behavior Genetics</i> , 2008, 38, 159-184.	2.1	23
33	Behavioural screening in mutagenised mice "in search for novel animal models of psychiatric disorders. <i>European Journal of Pharmacology</i> , 2003, 480, 219-228.	3.5	22
34	Susceptibility of a potential animal model for pathological anxiety to chronic mild stress. <i>Behavioural Brain Research</i> , 2010, 209, 241-248.	2.2	21
35	Gender-specific alterations of cerebral metabolites with aging and cortisol treatment. <i>Journal of Psychiatric Research</i> , 2001, 35, 231-237.	3.1	19
36	Not All Mice Are Equal: Welfare Implications of Behavioural Habituation Profiles in Four 129 Mouse Substrains. <i>PLoS ONE</i> , 2012, 7, e42544.	2.5	19

#	ARTICLE	IF	CITATIONS
37	The Modified Hole Board - Measuring Behavior, Cognition and Social Interaction in Mice and Rats. Journal of Visualized Experiments, 2015, , .	0.3	18
38	Identification of molecules potentially involved in mediating the in vivo actions of the corticotropin-releasing hormone receptor 1 antagonist, NB130775 (R121919). Psychopharmacology, 2005, 180, 150-158.	3.1	17
39	Behavioural habituation to novelty and brain area specific immediate early gene expression in female mice of two inbred strains. Behavioural Brain Research, 2010, 215, 95-101.	2.2	16
40	Cognitive performance in rats differing in their inborn anxiety.. Behavioral Neuroscience, 2002, 116, 464-471.	1.2	16
41	Acute and Chronic Social Defeat: Stress Protocols and Behavioral Testing. Neuromethods, 2009, , 261-275.	0.3	13
42	Cognitive deficits after systemic induction of inducible nitric oxide synthase. European Journal of Anaesthesiology, 2011, 28, 655-663.	1.7	11
43	Differential effects of diazepam and MPEP on habituation and neuro-behavioural processes in inbred mice. Behavioral and Brain Functions, 2012, 8, 30.	3.3	11
44	Sex Differences in Physiological Acclimatization after Transfer in Wistar Rats. Animals, 2014, 4, 693-711.	2.3	11
45	Effects of isoflurane-induced anaesthesia on cognitive performance in a mouse model of Alzheimer's disease. European Journal of Anaesthesiology, 2013, 30, 605-611.	1.7	10
46	Attack and defense in conspecific fighting in tree shrews (Tupaia belangeri). Aggressive Behavior, 2001, 27, 139-148.	2.4	9
47	The role of the alpha 2A-adrenoceptor in mouse stress-coping behaviour. Psychoneuroendocrinology, 2010, 35, 490-502.	2.7	8
48	Chronic social stress does not affect behavioural habituation in male CD1 mice. Behavioural Brain Research, 2014, 273, 34-44.	2.2	8
49	Effects of light regime and substrain on behavioral profiles of male C57BL/6 mice in three tests of unconditioned anxiety. Journal of Neurogenetics, 2016, 30, 306-315.	1.4	8
50	Effects of Transfer from Breeding to Research Facility on the Welfare of Rats. Animals, 2014, 4, 712-728.	2.3	7
51	Ethical Issues Associated with the Use of Animal Experimentation in Behavioral Neuroscience Research. Current Topics in Behavioral Neurosciences, 2014, 19, 3-15.	1.7	6
52	Expression of CRFR1 and Glu5R mRNA in different brain areas following repeated testing in mice that differ in habituation behaviour. Behavioural Brain Research, 2013, 246, 1-9.	2.2	4
53	Chromosomal assignment of quantitative trait loci influencing baseline circulating total cholesterol level in male laboratory mice: report of a consomic strain survey and comparison with published results. BMC Research Notes, 2015, 8, 128.	1.4	0
54	Klinische Relevanz von Tiermodellen für psychiatrische Störungen. , 2012, , 111-113.		0

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55	Verhaltenspharmakologie. , 2008, , 79-104.		0