

Bauke Buwalda

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,218
citations

147801

31
h-index

182427

51
g-index

55
all docs

55
docs citations

55
times ranked

3582
citing authors

#	ARTICLE	IF	CITATIONS
1	Individual Variation in Coping with Stress: A Multidimensional Approach of Ultimate and Proximate Mechanisms. <i>Brain, Behavior and Evolution</i> , 2007, 70, 218-226.	1.7	361
2	Long-term effects of social stress on brain and behavior: a focus on hippocampal functioning. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 29, 83-97.	6.1	250
3	Effects of early life stress on adult male aggression and hypothalamic vasopressin and serotonin. <i>European Journal of Neuroscience</i> , 2006, 24, 1711-1720.	2.6	249
4	The Resident-intruder Paradigm: A Standardized Test for Aggression, Violence and Social Stress. <i>Journal of Visualized Experiments</i> , 2013, , e4367.	0.3	213
5	Long-lasting suppression of hippocampal cell proliferation and impaired cognitive performance by methotrexate in the rat. <i>Behavioural Brain Research</i> , 2008, 186, 168-175.	2.2	209
6	Enhanced 5-HT1A receptor expression in forebrain regions of aggressive house mice. <i>Brain Research</i> , 1996, 736, 338-343.	2.2	126
7	Methotrexate decreases hippocampal cell proliferation and induces memory deficits in rats. <i>Behavioural Brain Research</i> , 2009, 201, 279-284.	2.2	126
8	Social behavior and social stress in adolescence: A focus on animal models. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 1713-1721.	6.1	123
9	Untangling the neurobiology of coping styles in rodents: Towards neural mechanisms underlying individual differences in disease susceptibility. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 74, 401-422.	6.1	108
10	Social stress during adolescence in Wistar rats induces social anxiety in adulthood without affecting brain monoaminergic content and activity. <i>Physiology and Behavior</i> , 2007, 92, 824-830.	2.1	93
11	Methotrexate reduces hippocampal blood vessel density and activates microglia in rats but does not elevate central cytokine release. <i>Behavioural Brain Research</i> , 2010, 207, 265-272.	2.2	93
12	Behavioral and physiological responses to stress are affected by high-fat feeding in male rats. <i>Physiology and Behavior</i> , 2001, 73, 371-377.	2.1	84
13	The acute glucocorticoid stress response does not differentiate between rewarding and aversive social stimuli in rats. <i>Hormones and Behavior</i> , 2012, 61, 218-226.	2.1	77
14	Social environment determines the long-term effects of social defeat. <i>Physiology and Behavior</i> , 2005, 84, 87-95.	2.1	69
15	Rodent models of social stress and neuronal plasticity: Relevance to depressive-like disorders. <i>Behavioural Brain Research</i> , 2019, 369, 111900.	2.2	67
16	Enhanced sensitivity of postsynaptic serotonin-1A receptors in rats and mice with high trait aggression. <i>Physiology and Behavior</i> , 2001, 74, 205-211.	2.1	61
17	Individual differences in cardiovascular response to social challenge. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 29, 59-66.	6.1	59
18	Effects of early postnatal anoxia on adult learning and emotion in rats. <i>Behavioural Brain Research</i> , 1995, 67, 85-90.	2.2	55

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19	Temporal and spatial dynamics of corticosteroid receptor down-regulation in rat brain following social defeat. <i>Physiology and Behavior</i> , 2001, 72, 349-354.	2.1	51
20	Social Defeat during Adolescence and Adulthood Differentially Induce BDNF-Regulated Immediate Early Genes. <i>Frontiers in Behavioral Neuroscience</i> , 2011, 5, 72.	2.0	48
21	Inhibition of hippocampal cell proliferation by methotrexate in rats is not potentiated by the presence of a tumor. <i>Brain Research Bulletin</i> , 2010, 81, 472-476.	3.0	45
22	Long-term consequences of social stress on corticosterone and IL-1 β levels in endotoxin-challenged rats. <i>Physiology and Behavior</i> , 2002, 76, 99-105.	2.1	44
23	Biological Mechanisms Whereby Social Exclusion May Contribute to the Etiology of Psychosis: A Narrative Review. <i>Schizophrenia Bulletin</i> , 2017, 43, sbw180.	4.3	43
24	Stress and Adaptation. <i>Current Directions in Psychological Science</i> , 2006, 15, 109-112.	5.3	40
25	Vulnerability to arrhythmias during social stress in rats with different sympathovagal balance. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 275, H460-H466.	3.2	38
26	Male Wistar rats are more susceptible to lasting social anxiety than Wild-type Groningen rats following social defeat stress during adolescence. <i>Behavioural Processes</i> , 2011, 88, 76-80.	1.1	38
27	Socially defeated male rats display a blunted adrenocortical response to a low dose of 8-OH-DPAT. <i>European Journal of Pharmacology</i> , 1995, 272, 45-50.	3.5	37
28	A single social defeat induces short-lasting behavioral sensitization to amphetamine. <i>Physiology and Behavior</i> , 2005, 83, 805-811.	2.1	37
29	Testosterone decrease does not play a major role in the suppression of hippocampal cell proliferation following social defeat stress in rats. <i>Physiology and Behavior</i> , 2010, 101, 719-725.	2.1	34
30	Is basic research providing answers if adjuvant anti-estrogen treatment of breast cancer can induce cognitive impairment?. <i>Life Sciences</i> , 2013, 93, 581-588.	4.3	34
31	Neurobiology of the metabolic syndrome: An allostatic perspective. <i>European Journal of Pharmacology</i> , 2008, 585, 137-146.	3.5	33
32	The Visible Burrow System: A behavioral paradigm to assess sociability and social withdrawal in BTBR and C57BL/6J mice strains. <i>Behavioural Brain Research</i> , 2018, 344, 9-19.	2.2	31
33	Life-spanning Behavioural and Adrenal Dysfunction Induced by Prenatal Hypoxia in the Rat is Prevented by the Calcium Antagonist Nimodipine. <i>European Journal of Neuroscience</i> , 1994, 6, 746-753.	2.6	30
34	Aggression and aspects of impulsivity in wild-type rats. <i>Aggressive Behavior</i> , 2014, 40, 300-308.	2.4	28
35	Differential long-term effects of social stress during adolescence on anxiety in Wistar and wild-type rats. <i>Behavioural Processes</i> , 2011, 87, 176-182.	1.1	23
36	Neuroendocrinology of insulin resistance: metabolic and endocrine aspects of adiposity. <i>European Journal of Pharmacology</i> , 2003, 480, 31-42.	3.5	22

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37	Trait aggressiveness does not predict social dominance of rats in the Visible Burrow System. <i>Physiology and Behavior</i> , 2017, 178, 134-143.	2.1	18
38	Reduced Anorexigenic Efficacy of Leptin, But Not of the Melanocortin Receptor Agonist Melanotan-II, Predicts Diet-Induced Obesity in Rats. <i>Endocrinology</i> , 2005, 146, 5247-5256.	2.8	15
39	Nimodipine accelerates the postnatal development of parvalbumin and S-100 β immunoreactivity in the rat brain. <i>Developmental Brain Research</i> , 1994, 78, 210-216.	1.7	14
40	Induction of enhanced postnatal expression of immunoreactive calbindin-D28k in rat forebrain by the calcium antagonist nimodipine. <i>Developmental Brain Research</i> , 1994, 79, 10-18.	1.7	14
41	Social withdrawal: An initially adaptive behavior that becomes maladaptive when expressed excessively. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 116, 251-267.	6.1	14
42	Long-term cholinergic denervation caused by early postnatal AF64A lesion prevents development of Muscarinic receptors in rat hippocampus. <i>Journal of Chemical Neuroanatomy</i> , 1992, 5, 131-141.	2.1	13
43	Cross-site Reproducibility of Social Deficits in Group-housed BTBR Mice Using Automated Longitudinal Behavioural Monitoring. <i>Neuroscience</i> , 2020, 445, 95-108.	2.3	13
44	Effect of low amphetamine doses on cardiac responses to emotional stress in aged rats. <i>Neurobiology of Aging</i> , 1992, 13, 123-129.	3.1	11
45	MDMA-induced serotonergic neurotoxicity enhances aggressiveness in low- but not high-aggressive rats. <i>European Journal of Pharmacology</i> , 2009, 618, 22-27.	3.5	10
46	Acute and lasting effects of single mineralocorticoid antagonism on offensive aggressive behaviour in rats. <i>Behavioural Processes</i> , 2013, 98, 72-77.	1.1	7
47	Long-term neurobiological consequences of ecstasy: A role for pre-existing trait-like differences in brain monoaminergic functioning?. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 94, 227-233.	2.9	3
48	Decreased dendritic spine density in posterodorsal medial amygdala neurons of proactive coping rats. <i>Behavioural Brain Research</i> , 2021, 397, 112940.	2.2	3
49	Repeated victorious and defeat experiences induce similar apical dendritic spine remodeling in CA1 hippocampus of rats. <i>Behavioural Brain Research</i> , 2021, 406, 113243.	2.2	2
50	Response: Re: Neurocognitive Functioning in Adult Survivors of Childhood Noncentral Nervous System Cancers. <i>Journal of the National Cancer Institute</i> , 2011, 103, 607-608.	6.3	1