

S Mechiel Korte

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5966996/s-mechiel-korte-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

112
papers

9,277
citations

44
h-index

95
g-index

114
ext. papers

10,140
ext. citations

4.2
avg, IF

5.7
L-index

#	Paper	IF	Citations
112	Coping styles in animals: current status in behavior and stress-physiology. <i>Neuroscience and Biobehavioral Reviews</i> , 1999 , 23, 925-35	9	1964
111	Stress revisited: a critical evaluation of the stress concept. <i>Neuroscience and Biobehavioral Reviews</i> , 2011 , 35, 1291-301	9	858
110	The Darwinian concept of stress: benefits of allostasis and costs of allostatic load and the trade-offs in health and disease. <i>Neuroscience and Biobehavioral Reviews</i> , 2005 , 29, 3-38	9	792
109	Corticosteroids in relation to fear, anxiety and psychopathology. <i>Neuroscience and Biobehavioral Reviews</i> , 2001 , 25, 117-42	9	459
108	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	9	225
107	Housing familiar male wildtype rats together reduces the long-term adverse behavioural and physiological effects of social defeat. <i>Psychoneuroendocrinology</i> , 1999 , 24, 285-300	5	225
106	A robust animal model of state anxiety: fear-potentiated behaviour in the elevated plus-maze. <i>European Journal of Pharmacology</i> , 2003 , 463, 163-75	5.3	202
105	Effects of environmental enrichment on behavioral responses to novelty, learning, and memory, and the circadian rhythm in cortisol in growing pigs. <i>Physiology and Behavior</i> , 2000 , 68, 571-8	3.5	180
104	A new animal welfare concept based on allostasis. <i>Physiology and Behavior</i> , 2007 , 92, 422-8	3.5	177
103	Plasma catecholamine and corticosterone levels during manual restraint in chicks from a high and low feather pecking line of laying hens. <i>Physiology and Behavior</i> , 1997 , 62, 437-41	3.5	151
102	Anxiolytic-like effects of selective mineralocorticoid and glucocorticoid antagonists on fear-enhanced behavior in the elevated plus-maze. <i>Psychoneuroendocrinology</i> , 1995 , 20, 385-94	5	133
101	Pathways underlying the gut-to-brain connection in autism spectrum disorders as future targets for disease management. <i>European Journal of Pharmacology</i> , 2011 , 668 Suppl 1, S70-80	5.3	119
100	Enhanced 5-HT1A receptor expression in forebrain regions of aggressive house mice. <i>Brain Research</i> , 1996 , 736, 338-43	3.7	118
99	Effects of strawbedding on physiological responses to stressors and behavior in growing pigs. <i>Physiology and Behavior</i> , 1998 , 64, 303-10	3.5	115
98	Responses of calves to acute stress: individual consistency and relations between behavioral and physiological measures. <i>Physiology and Behavior</i> , 2005 , 85, 557-70	3.5	113
97	The role of oxytocin in male and female reproductive behavior. <i>European Journal of Pharmacology</i> , 2015 , 753, 209-28	5.3	96
96	Adrenocortical reactivity and central serotonin and dopamine turnover in young chicks from a high and low feather-pecking line of laying hens. <i>Physiology and Behavior</i> , 2002 , 75, 653-9	3.5	94

95	Behavioral stress response of genetically selected aggressive and nonaggressive wild house mice in the shock-probe/defensive burying test. <i>Pharmacology Biochemistry and Behavior</i> , 1996 , 54, 113-6	3.9	91
94	Feather damaging behaviour in parrots: A review with consideration of comparative aspects. <i>Applied Animal Behaviour Science</i> , 2009 , 121, 75-95	2.2	89
93	Heart rate variability during manual restraint in chicks from high- and low-feather pecking lines of laying hens. <i>Physiology and Behavior</i> , 1999 , 65, 649-52	3.5	81
92	Translational aspects of pharmacological research into anxiety disorders: the stress-induced hyperthermia (SIH) paradigm. <i>European Journal of Pharmacology</i> , 2008 , 585, 407-25	5.3	79
91	Mapping quantitative trait loci affecting feather pecking behavior and stress response in laying hens. <i>Poultry Science</i> , 2003 , 82, 1215-22	3.9	78
90	Mesencephalic cuneiform nucleus and its ascending and descending projections serve stress-related cardiovascular responses in the rat. <i>Journal of the Autonomic Nervous System</i> , 1992 , 41, 157-76		78
89	Antisense to the glucocorticoid receptor in hippocampal dentate gyrus reduces immobility in forced swim test. <i>European Journal of Pharmacology</i> , 1996 , 301, 19-25	5.3	76
88	Triple reuptake inhibitors for treating subtypes of major depressive disorder: the monoamine hypothesis revisited. <i>Expert Opinion on Investigational Drugs</i> , 2011 , 20, 1107-30	5.9	71
87	Surplus dietary tryptophan reduces plasma cortisol and noradrenaline concentrations and enhances recovery after social stress in pigs. <i>Physiology and Behavior</i> , 2005 , 85, 469-78	3.5	69
86	Conditioned neuroendocrine and cardiovascular stress responsiveness accompanying behavioral passivity and activity in aged and in young rats. <i>Physiology and Behavior</i> , 1992 , 51, 815-22	3.5	65
85	Feather pecking in laying hens: new insights and directions for research?. <i>Applied Animal Behaviour Science</i> , 2004 , 86, 291-298	2.2	63
84	Stress responses during milking; comparing conventional and automatic milking in primiparous dairy cows. <i>Journal of Dairy Science</i> , 2002 , 85, 3206-16	4	61
83	Repeated blockade of mineralocorticoid receptors, but not of glucocorticoid receptors impairs food rewarded spatial learning. <i>Psychoneuroendocrinology</i> , 1998 , 23, 33-44	5	60
82	Central actions of corticotropin-releasing hormone (CRH) on behavioral, neuroendocrine, and cardiovascular regulation: brain corticoid receptor involvement. <i>Hormones and Behavior</i> , 1993 , 27, 167-83	3.7	60
81	Intestinal inflammation in a murine model of autism spectrum disorders. <i>Brain, Behavior, and Immunity</i> , 2014 , 37, 240-7	16.6	59
80	The control of feather pecking by serotonin. <i>Behavioral Neuroscience</i> , 2004 , 118, 575-83	2.1	59
79	Effect of corticotropin-releasing factor antagonist on behavioral and neuroendocrine responses during exposure to defensive burying paradigm in rats. <i>Physiology and Behavior</i> , 1994 , 56, 115-20	3.5	59
78	Stress and laterality - The comparative perspective. <i>Physiology and Behavior</i> , 2016 , 164, 321-9	3.5	57

77	Neuroendocrine and behavioral responses during conditioned active and passive behavior in the defensive burying/probe avoidance paradigm: effects of ipsapirone. <i>Physiology and Behavior</i> , 1992 , 52, 355-61	3.5	57
76	Stress-induced hyperthermia and infection-induced fever: two of a kind?. <i>Physiology and Behavior</i> , 2009 , 98, 37-43	3.5	56
75	Chronic increase of dietary l-tryptophan decreases gentle feather pecking behaviour. <i>Applied Animal Behaviour Science</i> , 2004 , 89, 71-84	2.2	53
74	Antidepressant effects of pramipexole, a dopamine D3/D2 receptor agonist, and 7-OH-DPAT, a dopamine D3 receptor agonist, in olfactory bulbectomized rats. <i>European Journal of Pharmacology</i> , 2009 , 616, 134-40	5.3	49
73	The neurobiology of the central nucleus of the amygdala in relation to neuroendocrine and autonomic outflow. <i>Progress in Brain Research</i> , 1996 , 107, 447-60	2.9	49
72	Mineralocorticoid and glucocorticoid receptor antagonists in animal models of anxiety. <i>Pharmacology Biochemistry and Behavior</i> , 1996 , 54, 261-7	3.9	49
71	The triple monoaminergic reuptake inhibitor DOV 216,303 has antidepressant effects in the rat olfactory bulbectomy model and lacks sexual side effects. <i>European Neuropsychopharmacology</i> , 2008 , 18, 908-16	1.2	45
70	Involvement of hypothalamic serotonin in activation of the sympathoadrenomedullary system and hypothalamo-pituitary-adrenocortical axis in male Wistar rats. <i>European Journal of Pharmacology</i> , 1991 , 197, 225-8	5.3	45
69	Autistic-like behavioural and neurochemical changes in a mouse model of food allergy. <i>Behavioural Brain Research</i> , 2014 , 261, 265-74	3.4	44
68	Dopamine and serotonin release in the nucleus accumbens during starvation-induced hyperactivity. <i>European Neuropsychopharmacology</i> , 2009 , 19, 309-16	1.2	42
67	Neuroprotection against N-methyl-D-aspartate-induced excitotoxicity in rat magnocellular nucleus basalis by the 5-HT1A receptor agonist 8-OH-DPAT. <i>European Journal of Pharmacology</i> , 1998 , 358, 147-52	5.3	42
66	Emotional reactivity and cognitive performance in aversively motivated tasks: a comparison between four rat strains. <i>Behavioral and Brain Functions</i> , 2009 , 5, 50	4.1	41
65	The development of feather pecking behaviour and targeting of pecking in chicks from a high and low feather pecking line of laying hens. <i>Applied Animal Behaviour Science</i> , 2002 , 77, 183-196	2.2	40
64	Food allergy and food-based therapies in neurodevelopmental disorders. <i>Pediatric Allergy and Immunology</i> , 2014 , 25, 218-26	4.2	39
63	Blockade of corticosterone synthesis reduces serotonin turnover in the dorsal hippocampus of the rat as measured by microdialysis. <i>Journal of Neuroendocrinology</i> , 1996 , 8, 877-81	3.8	39
62	Behavioral and neuroendocrine response to psychosocial stress in male rats: the effects of the 5-HT 1A agonist ipsapirone. <i>Hormones and Behavior</i> , 1990 , 24, 554-67	3.7	39
61	Lipopolysaccharide-induced anhedonia is abolished in male serotonin transporter knockout rats: an intracranial self-stimulation study. <i>Brain, Behavior, and Immunity</i> , 2013 , 29, 98-103	16.6	38
60	Olfactory bulbectomy induces rapid and stable changes in basal and stress-induced locomotor activity, heart rate and body temperature responses in the home cage. <i>Neuroscience</i> , 2009 , 159, 39-46	3.9	38

59	The many different faces of major depression: it is time for personalized medicine. <i>European Journal of Pharmacology</i> , 2015 , 753, 88-104	5.3	36
58	Systemic tumor necrosis factor-alpha decreases brain stimulation reward and increases metabolites of serotonin and dopamine in the nucleus accumbens of mice. <i>Behavioural Brain Research</i> , 2013 , 253, 191-5	3.4	36
57	Acute tryptophan depletion dose dependently impairs object memory in serotonin transporter knockout rats. <i>Psychopharmacology</i> , 2008 , 200, 243-54	4.7	36
56	The olfactory bulbectomy model in mice and rat: one story or two tails?. <i>European Journal of Pharmacology</i> , 2015 , 753, 105-13	5.3	35
55	The effect of ipsapirone on behavioural and cardiac responses in the shock-probe/defensive burying test in male rats. <i>European Journal of Pharmacology</i> , 1990 , 181, 307-10	5.3	35
54	Fear-potential in the elevated plus-maze test depends on stressor controllability and fear conditioning. <i>Stress</i> , 1999 , 3, 27-40	3	34
53	Dissociating anxiolytic and sedative effects of GABAergic drugs using temperature and locomotor responses to acute stress. <i>Psychopharmacology</i> , 2009 , 204, 299-311	4.7	33
52	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	5.3	33
51	Effects of chronic stress: a comparison between tethered and loose sows. <i>Physiology and Behavior</i> , 2010 , 100, 154-64	3.5	32
50	Effects of rearing conditions on behavioural and physiological responses of pigs to preslaughter handling and mixing at transport. <i>Canadian Journal of Animal Science</i> , 2000 , 80, 451-458	0.9	31
49	The effects of acute tryptophan depletion on affective behaviour and cognition in Brown Norway and Sprague Dawley rats. <i>Journal of Psychopharmacology</i> , 2010 , 24, 605-14	4.6	30
48	Lipopolysaccharide increases degradation of central monoamines: an in vivo microdialysis study in the nucleus accumbens and medial prefrontal cortex of mice. <i>European Journal of Pharmacology</i> , 2014 , 725, 55-63	5.3	29
47	Effects of social stress on heart rate and heart rate variability in growing pigs. <i>Canadian Journal of Animal Science</i> , 2000 , 80, 273-280	0.9	28
46	High carbon dioxide tension (PCO ₂) and the incidence of cardiac arrhythmias in rapidly growing broiler chickens. <i>Veterinary Record</i> , 1999 , 145, 40-3	0.9	28
45	Anxiolytics and stress-induced behavioural and cardiac responses: a study of diazepam and ipsapirone (TVX Q 7821). <i>European Journal of Pharmacology</i> , 1990 , 179, 393-401	5.3	28
44	Chicks from a high and low feather pecking line of laying hens differ in apomorphine sensitivity. <i>Physiology and Behavior</i> , 2005 , 84, 471-7	3.5	27
43	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, 746-53	3.5	27
42	Brain monoamine levels and behaviour of young and adult chickens genetically selected on feather pecking. <i>Behavioural Brain Research</i> , 2017 , 327, 11-20	3.4	26

41	Effects of feather pecking phenotype (severe feather peckers, victims and non-peckers) on serotonergic and dopaminergic activity in four brain areas of laying hens (<i>Gallus gallus domesticus</i>). <i>Physiology and Behavior</i> , 2013 , 120, 77-82	3.5	26
40	Stress hormones, genotype, and brain organization. Implications for aggression. <i>Annals of the New York Academy of Sciences</i> , 1996 , 794, 179-91	6.5	26
39	Forebrain pathways and their behavioural interactions with neuroendocrine and cardiovascular function in the rat. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1996 , 23, 177-82	3	25
38	SSR149415, a non-peptide vasopressin V1b receptor antagonist, has long-lasting antidepressant effects in the olfactory bulbectomy-induced hyperactivity depression model. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009 , 379, 101-6	3.4	24
37	Relations between peripheral and brain serotonin measures and behavioural responses in a novelty test in pigs. <i>Physiology and Behavior</i> , 2013 , 118, 88-96	3.5	23
36	The novel triple reuptake inhibitor JZAD-IV-22 exhibits an antidepressant pharmacological profile without locomotor stimulant or sensitization properties. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 335, 762-70	4.7	23
35	Studies of stress in farm animals. <i>Comparative Haematology International</i> , 1998 , 8, 94-101		22
34	The neuro-immune axis: prospect for novel treatments for mental disorders. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2014 , 114, 128-36	3.1	21
33	The potential and limitations of DOV 216,303 as a triple reuptake inhibitor for the treatment of major depression: a microdialysis study in olfactory bulbectomized rats. <i>Pharmacology Biochemistry and Behavior</i> , 2011 , 97, 444-52	3.9	21
32	On the origin of allostasis and stress-induced pathology in farm animals: celebrating Darwin's legacy. <i>Veterinary Journal</i> , 2009 , 182, 378-83	2.5	21
31	Surplus dietary tryptophan inhibits stress hormone kinetics and induces insulin resistance in pigs. <i>Physiology and Behavior</i> , 2009 , 98, 402-10	3.5	21
30	Evaluation of oral administration of cortisol as a model for prenatal stress in pregnant sows. <i>American Journal of Veterinary Research</i> , 2005 , 66, 780-90	1.1	21
29	Stress-induced hyperthermia is reduced by rapid-acting anxiolytic drugs independent of injection stress in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2009 , 93, 413-8	3.9	20
28	The putative antidepressant DOV 216,303, a triple reuptake inhibitor, increases monoamine release in the prefrontal cortex of olfactory bulbectomized rats. <i>European Journal of Pharmacology</i> , 2010 , 633, 55-61	5.3	20
27	Potential anxiolytic properties of R-(+)-8-OSO2CF3-PAT, a 5-HT 1A receptor agonist. <i>European Journal of Pharmacology</i> , 1996 , 297, 205-11	5.3	20
26	Behavioral and cardiac responses after intracerebroventricular corticotropin-releasing hormone (CRH) administration: role of adrenal cortical hormones. <i>Hormones and Behavior</i> , 1992 , 26, 375-84	3.7	20
25	Dietary long chain n-3 polyunsaturated fatty acids prevent impaired social behaviour and normalize brain dopamine levels in food allergic mice. <i>Neuropharmacology</i> , 2015 , 90, 15-22	5.5	19
24	Selection for low mortality in laying hens affects catecholamine levels in the arcopallium, a brain area involved in fear and motor regulation. <i>Behavioural Brain Research</i> , 2013 , 257, 54-61	3.4	17

23	The benzodiazepine brotizolam reduces fear in calves exposed to a novel object test. <i>Physiology and Behavior</i> , 2009 , 96, 307-14	3.5	17
22	The amount of free corticosterone is increased during lipopolysaccharide-induced fever. <i>Life Sciences</i> , 2000 , 66, 553-62	6.8	17
21	Y chromosomal and sex effects on the behavioral stress response in the defensive burying test in wild house mice. <i>Physiology and Behavior</i> , 1999 , 67, 579-85	3.5	17
20	Behavioural physiology of serotonergic and steroid-like anxiolytics as antistress drugs. <i>Neuroscience and Biobehavioral Reviews</i> , 1990 , 14, 529-34	9	17
19	Fatigue in inflammatory rheumatic disorders: pathophysiological mechanisms. <i>Rheumatology</i> , 2019 , 58, v35-v50	3.9	14
18	Repeated social defeat in female pigs does not induce neuroendocrine symptoms of depression, but behavioral adaptation. <i>Physiology and Behavior</i> , 2008 , 93, 453-60	3.5	14
17	Farm animal welfare research in interaction with society. <i>Veterinary Quarterly</i> , 2000 , 22, 217-22	8	14
16	Juvenile Arthritis Patients Suffering from Chronic Inflammation Have Increased Activity of Both IDO and GTP-CH1 Pathways But Decreased BH4 Efficacy: Implications for Well-Being, Including Fatigue, Cognitive Impairment, Anxiety, and Depression. <i>Pharmaceuticals</i> , 2019 , 12,	5.2	13
15	The links between chronic obstructive pulmonary disease and comorbid depressive symptoms: role of IL-2 and IFN- γ <i>Clinical and Experimental Medicine</i> , 2016 , 16, 493-502	4.9	13
14	Genetic control of susceptibility for renal damage in hypertensive fawn-hooded rats. <i>Renal Failure</i> , 1998 , 20, 407-11	2.9	13
13	The triple reuptake inhibitor DOV 216,303 induces long-lasting enhancement of brain reward activity as measured by intracranial self-stimulation in rats. <i>European Journal of Pharmacology</i> , 2012 , 693, 51-6	5.3	12
12	Mixing induces long-term hyperthermia in growing pigs. <i>Animal Science</i> , 1999 , 69, 601-605		12
11	The 5-HT-receptor agonist eltoprazine increases both catecholamine release in the prefrontal cortex and dopamine release in the nucleus accumbens and decreases motivation for reward and "waiting" impulsivity, but increases "stopping" impulsivity. <i>European Journal of Pharmacology</i> , 2017 , 794, 257-269	5.3	11
10	Adrenal hormones in rats before and after stress-experience: effects of ipsapirone. <i>Physiology and Behavior</i> , 1992 , 51, 1129-33	3.5	11
9	Bacterial Lipopolysaccharide Increases Serotonin Metabolism in Both Medial Prefrontal Cortex and Nucleus Accumbens in Male Wild Type Rats, but Not in Serotonin Transporter Knockout Rats. <i>Pharmaceuticals</i> , 2018 , 11,	5.2	9
8	5-HT _{1A} receptor blockade reverses GABA(A) receptor alpha3 subunit-mediated anxiolytic effects on stress-induced hyperthermia. <i>Psychopharmacology</i> , 2010 , 211, 123-30	4.7	9
7	Serotonin release in the caudal nidopallium of adult laying hens genetically selected for high and low feather pecking behavior: an in vivo microdialysis study. <i>Behavioural Brain Research</i> , 2014 , 268, 81-7	3.4	8
6	Neuroendocrine Evidence for Hypersensitivity in Serotonergic Neuronal System after Psychosocial Stress of Defeat 1991 , 199-203		7

5	Corticosterone modifies muscarinic receptor immunoreactivity in rat hippocampus. <i>Neuroscience Letters</i> , 1999 , 268, 41-4	3.3	5
4	Adrenaline release by the 5-HT1A receptor agonist 8-OH-DPAT is partly responsible for pituitary activation. <i>European Journal of Pharmacology</i> , 1996 , 309, 281-6	5.3	4
3	P.2.026 Pro-inflammatory cytokines induce anhedonia in mice and increase monoamine transporter activity in the nucleus accumbens. <i>European Neuropsychopharmacology</i> , 2013 , 23, S47-S48	1.2	2
2	P.2.007 Lipopolysaccharide-induced changes in brain stimulation reward: anhedonia or sickness behaviour?. <i>European Neuropsychopharmacology</i> , 2011 , 21, S39-S40	1.2	2
1	Social defeat impairs plasma corticosterone response to the 5-HT1A agonist 8-OH-DPAT in the rat. <i>Annals of the New York Academy of Sciences</i> , 1994 , 746, 426-8	6.5	1