

Sylvia Kaiser

List of Publications by Year in descending order

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Version: 2024-02-01

95
papers

3,057
citations

172386

29
h-index

182361

51
g-index

97
all docs

97
docs citations

97
times ranked

2558
citing authors

#	ARTICLE	IF	CITATIONS
1	Social buffering of the stress response: Diversity, mechanisms, and functions. <i>Frontiers in Neuroendocrinology</i> , 2009, 30, 470-482.	2.5	351
2	The effects of prenatal social stress on behaviour: mechanisms and function. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 29, 283-294.	2.9	173
3	Adaptive modulation of behavioural profiles by social stress during early phases of life and adolescence. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 1518-1533.	2.9	134
4	A Comparison of Brain Gene Expression Levels in Domesticated and Wild Animals. <i>PLoS Genetics</i> , 2012, 8, e1002962.	1.5	130
5	Behavioural profiles are shaped by social experience: when, how and why. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120344.	1.8	126
6	Is a wild mammal kept and reared in captivity still a wild animal?. <i>Hormones and Behavior</i> , 2003, 43, 187-196.	1.0	120
7	Cortisol responses and social buffering: A study throughout the life span. <i>Hormones and Behavior</i> , 2006, 49, 383-390.	1.0	91
8	Early social stress in female guinea pigs induces a masculinization of adult behavior and corresponding changes in brain and neuroendocrine function. <i>Behavioural Brain Research</i> , 2003, 144, 199-210.	1.2	82
9	Prenatal social stress masculinizes the females' behaviour in guinea pigs. <i>Physiology and Behavior</i> , 1996, 60, 589-594.	1.0	76
10	Differences in Some Behavioural Effects of Deprenyl and Amphetamine Enantiomers in Rats. <i>Physiology and Behavior</i> , 1996, 60, 589-594.	1.0	64
11	Social stress during pregnancy and lactation affects in guinea pigs the male offsprings' endocrine status and infantilizes their behaviour. <i>Psychoneuroendocrinology</i> , 2001, 26, 503-519.	1.3	63
12	Living in a dangerous world: the shaping of behavioral profile by early environment and 5-HTT genotype. <i>Frontiers in Behavioral Neuroscience</i> , 2009, 3, 26.	1.0	63
13	Domestication affects the structure, development and stability of biobehavioural profiles. <i>Frontiers in Zoology</i> , 2015, 12, S19.	0.9	62
14	Social status and day-to-day behaviour of male serotonin transporter knockout mice. <i>Behavioural Brain Research</i> , 2010, 211, 220-228.	1.2	61
15	The Social Environment During Pregnancy and Lactation Affects the Female Offsprings' Endocrine Status and Behaviour in Guinea Pigs. <i>Physiology and Behavior</i> , 1998, 63, 361-366.	1.0	60
16	Sex-specific difference in social support—a study in female guinea pigs. <i>Physiology and Behavior</i> , 2003, 79, 297-303.	1.0	59
17	Social interaction, testosterone, and stress responsiveness during adolescence. <i>Physiology and Behavior</i> , 2010, 99, 40-46.	1.0	49
18	Improving reproducibility in animal research by splitting the study population into several "mini-experiments". <i>Scientific Reports</i> , 2020, 10, 16579.	1.6	49

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19	Early Social Stress in Male Guinea Pigs Changes Social Behaviour, and Autonomic and Neuroendocrine Functions. <i>Journal of Neuroendocrinology</i> , 2003, 15, 761-769.	1.2	45
20	The Power of Infochemicals in Mediating Individualized Niches. <i>Trends in Ecology and Evolution</i> , 2020, 35, 981-989.	4.2	45
21	5-HTT Deficiency Affects Neuroplasticity and Increases Stress Sensitivity Resulting in Altered Spatial Learning Performance in the Morris Water Maze but Not in the Barnes Maze. <i>PLoS ONE</i> , 2013, 8, e78238.	1.1	42
22	The social environment affects behaviour and androgens, but not cortisol in pregnant female guinea pigs. <i>Psychoneuroendocrinology</i> , 2003, 28, 67-83.	1.3	41
23	Effects of Prenatal Social Stress on Offspring Development. <i>Current Directions in Psychological Science</i> , 2009, 18, 118-121.	2.8	41
24	Heterogenising study samples across testing time improves reproducibility of behavioural data. <i>Scientific Reports</i> , 2019, 9, 8247.	1.6	41
25	Hope for the Best or Prepare for the Worst? Towards a Spatial Cognitive Bias Test for Mice. <i>PLoS ONE</i> , 2014, 9, e105431.	1.1	41
26	Social housing conditions around puberty determine later changes in plasma cortisol levels and behavior. <i>Physiology and Behavior</i> , 2007, 90, 405-411.	1.0	40
27	Prenatal maternal programming determines testosterone response during social challenge. <i>Hormones and Behavior</i> , 2007, 51, 387-394.	1.0	36
28	Wild genius - domestic fool? Spatial learning abilities of wild and domestic guinea pigs. <i>Frontiers in Zoology</i> , 2010, 7, 9.	0.9	33
29	The adaptive shaping of social behavioural phenotypes during adolescence. <i>Biology Letters</i> , 2018, 14, 20180536.	1.0	33
30	Living in a dangerous world decreases maternal care: A study in serotonin transporter knockout mice. <i>Hormones and Behavior</i> , 2011, 60, 397-407.	1.0	31
31	Social interaction decreases stress responsiveness during adolescence. <i>Psychoneuroendocrinology</i> , 2011, 36, 1370-1377.	1.3	30
32	Effects of domestication on biobehavioural profiles: a comparison of domestic guinea pigs and wild cavies from early to late adolescence. <i>Frontiers in Zoology</i> , 2014, 11, 30.	0.9	29
33	Technology or ecology? New tools to assess cognitive judgement bias in mice. <i>Behavioural Brain Research</i> , 2019, 362, 279-287.	1.2	29
34	Inhibiting influence of testosterone on stress responsiveness during adolescence. <i>Hormones and Behavior</i> , 2011, 60, 691-698.	1.0	26
35	Evidence-based severity assessment: Impact of repeated versus single open-field testing on welfare in C57BL/6J mice. <i>Behavioural Brain Research</i> , 2018, 336, 261-268.	1.2	26
36	Puberty in female cavies (<i>Cavia aperea</i>) is affected by photoperiod and social conditions. <i>Physiology and Behavior</i> , 2009, 96, 476-480.	1.0	25

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37	Away game or home match: The influence of venue and serotonin transporter genotype on the display of offensive aggression. <i>Behavioural Brain Research</i> , 2011, 219, 291-301.	1.2	25
38	Play matters: the surprising relationship between juvenile playfulness and anxiety in later life. <i>Animal Behaviour</i> , 2016, 114, 261-271.	0.8	25
39	The social environment during pregnancy and lactation shapes the behavioral and hormonal profile of male offspring in wild cavies. <i>Developmental Psychobiology</i> , 2011, 53, 575-584.	0.9	24
40	Adaptive shaping of the behavioural and neuroendocrine phenotype during adolescence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162784.	1.2	24
41	Female influences on pair formation, reproduction and male stress responses in a monogamous cavy (<i>Galea monasteriensis</i>). <i>Hormones and Behavior</i> , 2008, 53, 403-412.	1.0	21
42	A Time to Wean? Impact of Weaning Age on Anxiety-Like Behaviour and Stability of Behavioural Traits in Full Adulthood. <i>PLoS ONE</i> , 2016, 11, e0167652.	1.1	21
43	Stability and change: Stress responses and the shaping of behavioral phenotypes over the life span. <i>Frontiers in Zoology</i> , 2015, 12, S18.	0.9	20
44	Do multiple experimenters improve the reproducibility of animal studies?. <i>PLoS Biology</i> , 2022, 20, e3001564.	2.6	20
45	Benefits of adversity?! How life history affects the behavioral profile of mice varying in serotonin transporter genotype. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 47.	1.0	19
46	Benefits of a "vulnerability gene"? A study in serotonin transporter knockout mice. <i>Behavioural Brain Research</i> , 2015, 283, 116-120.	1.2	19
47	Social organization predicts nature of infant-adult interactions in two species of wild guinea pigs (<i>Cavia aperea</i> and <i>Galea monasteriensis</i>).. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2006, 120, 12-18.	0.3	18
48	Brain serotonin deficiency affects female aggression. <i>Scientific Reports</i> , 2019, 9, 1366.	1.6	18
49	Differential Effects of Serotonin Transporter Genotype on Anxiety-Like Behavior and Cognitive Judgment Bias in Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 263.	1.0	18
50	Sensitive phases in the development of rodent social behavior. <i>Current Opinion in Behavioral Sciences</i> , 2020, 36, 63-70.	2.0	18
51	The social modulation of behavioural development. , 2010, , 505-536.		18
52	Unexpected effects of early-life adversity and social enrichment on the anxiety profile of mice varying in serotonin transporter genotype. <i>Behavioural Brain Research</i> , 2013, 247, 248-258.	1.2	17
53	Maternal Separation in Guinea-Pigs: A Study in Behavioural Endocrinology. <i>Ethology</i> , 2003, 109, 443-453.	0.5	16
54	The Unexpected Effects of Beneficial and Adverse Social Experiences during Adolescence on Anxiety and Aggression and Their Modulation by Genotype. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 97.	1.0	14

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55	Prenatal stress does not impair coping with challenge later in life. <i>Physiology and Behavior</i> , 2008, 93, 68-75.	1.0	13
56	An unstable social environment affects sex ratio in guinea pigs: an adaptive maternal effect?. <i>Behaviour</i> , 2009, 146, 1513-1529.	0.4	13
57	The welfare of laboratory guinea pigs. <i>Animal Welfare</i> , 2007, , 181-209.	1.0	13
58	Effects of ACTH applications during pregnancy on the female offsprings' endocrine status and behavior in guinea pigs. <i>Physiology and Behavior</i> , 2000, 70, 157-162.	1.0	11
59	Dimensions of Animal Personalities in Guinea Pigs. <i>Ethology</i> , 2013, 119, 970-982.	0.5	11
60	Early social instability affects plasma testosterone during adolescence but does not alter reproductive capacity or measures of stress later in life. <i>Physiology and Behavior</i> , 2013, 120, 143-149.	1.0	11
61	Effect of Acute Stressor and Serotonin Transporter Genotype on Amygdala First Wave Transcriptome in Mice. <i>PLoS ONE</i> , 2013, 8, e58880.	1.1	11
62	Can live with ã€em, can live without ã€em: Pair housed male C57BL/6J mice show low aggression and increasing sociopositive interactions with age, but can adapt to single housing if separated. <i>Applied Animal Behaviour Science</i> , 2019, 214, 79-88.	0.8	11
63	The Effects of Different Feeding Routines on Welfare in Laboratory Mice. <i>Frontiers in Veterinary Science</i> , 2019, 6, 479.	0.9	10
64	Once an optimist, always an optimist? Studying cognitive judgment bias in mice. <i>Behavioral Ecology</i> , 2022, 33, 775-788.	1.0	10
65	The adaptiveness of a queuing strategy shaped by social experiences during adolescence. <i>Physiology and Behavior</i> , 2017, 181, 29-37.	1.0	9
66	Adaptive reshaping of the hormonal phenotype after social niche transition in adulthood. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200667.	1.2	9
67	Individuality meets plasticity: Endocrine phenotypes across male dominance rank acquisition in guinea pigs living in a complex social environment. <i>Hormones and Behavior</i> , 2021, 131, 104967.	1.0	9
68	Regular touchscreen training affects faecal corticosterone metabolites and anxiety-like behaviour in mice. <i>Behavioural Brain Research</i> , 2021, 401, 113080.	1.2	8
69	Pregnant female guinea pigs adapt easily to a new social environment irrespective of their rearing conditions. <i>Physiology and Behavior</i> , 2003, 80, 147-153.	1.0	7
70	Looking on the bright side of biasã€”Validation of an affective bias test for laboratory mice. <i>Applied Animal Behaviour Science</i> , 2016, 181, 173-181.	0.8	7
71	Not all mice are alike: Mixed-strain housing alters social behaviour. <i>Physiology and Behavior</i> , 2021, 228, 113220.	1.0	7
72	Social instability during pregnancy and lactation alters female wild cavy offspringsã€™ endocrine status and behaviour later in life. <i>Behaviour</i> , 2015, 152, 837-859.	0.4	6

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73	Stress responsiveness and anxiety-like behavior: The early social environment differentially shapes stability over time in a small rodent. <i>Hormones and Behavior</i> , 2017, 90, 90-97.	1.0	6
74	Have I been here before? Complex interactions of age and test experience modulate the results of behavioural tests. <i>Behavioural Brain Research</i> , 2019, 367, 143-148.	1.2	6
75	Editorial: Context-Dependent Plasticity in Social Species: Feedback Loops Between Individual and Social Environment. <i>Frontiers in Psychology</i> , 2021, 12, 645191.	1.1	6
76	Individuality, as well as genetic background, affects syntactical features of courtship songs in male mice. <i>Animal Behaviour</i> , 2021, 180, 179-196.	0.8	6
77	Application of an antiandrogen during pregnancy infantilizes the male offsprings'™ behaviour. <i>Behavioural Brain Research</i> , 2005, 158, 89-95.	1.2	5
78	Start early! Does social instability during the pre- and early postnatal development prepare male wild cavies for social challenge later in life?. <i>Frontiers in Zoology</i> , 2017, 14, 2.	0.9	5
79	What a difference a day makes'™ female behaviour is less predictable near ovulation. <i>Royal Society Open Science</i> , 2017, 4, 160998.	1.1	5
80	Social experiences during adolescence affect anxiety-like behavior but not aggressiveness in male mice. <i>Behavioural Brain Research</i> , 2017, 326, 147-153.	1.2	5
81	Does the early social environment prepare individuals for the future? A match-mismatch experiment in female wild cavies. <i>Frontiers in Zoology</i> , 2018, 15, 13.	0.9	5
82	High Reproductive Success Despite Queuing '™ Socio-Sexual Development of Males in a Complex Social Environment. <i>Frontiers in Psychology</i> , 2019, 10, 2810.	1.1	5
83	Effects of different social experiences on emotional state in mice. <i>Scientific Reports</i> , 2020, 10, 15255.	1.6	3
84	The impact of varying food availability on health and welfare in mice: Testing the Match-Mismatch hypothesis. <i>Physiology and Behavior</i> , 2021, 228, 113193.	1.0	3
85	A step in the right direction: the effect of context, strain and sex on paw preference in mice. <i>Animal Behaviour</i> , 2021, 174, 21-30.	0.8	3
86	The Impact of Varying Food Availability on Gene Expression in the Liver: Testing the Match-Mismatch Hypothesis. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	2
87	Varying Social Experiences in Adulthood Do Not Differentially Affect Anxiety-Like Behavior But Stress Hormone Levels. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 72.	1.0	1
88	Repeatability of endocrine traits and dominance rank in female guinea pigs. <i>Frontiers in Zoology</i> , 2022, 19, 4.	0.9	1
89	Low heritability and high phenotypic plasticity of salivary cortisol in response to environmental heterogeneity in a wild pinniped. <i>Ecology and Evolution</i> , 2022, 12, e8757.	0.8	1
90	Artgerecht/tiergerecht. , 2018,, 155-160.		0

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91	Emotionen. , 2018, , 64-69.		0
92	Statische und dynamische MR-Urographie bei Kindern. Paediatrica, 2022, 33, .	0.1	0
93	Urographie par r�sonance magn�tique de lâ€™enfant. Paediatrica, 2022, 33, .	0.0	0
94	The Welfare of Laboratory Guinea Pigs. , 2007, , 181-209.		0
95	When left is right: The effects of paw preference training on behaviour in mice. Behavioural Brain Research, 2022, 430, 113929.	1.2	0