Lars Lewejohann

List of Publications by Year
in descending order

59 papers	2,652 citations	196777 29 h-index	223390 49 g-index
67 all docs	67 docs citations	67 times ranked	3901 citing authors

#	Article	IF	Citations
1	O mouse, where art thou? The Mouse Position Surveillance System (MoPSS)â€"an RFID-based tracking system. Behavior Research Methods, 2022, 54, 676-689.	2.3	12
2	The â€œWWHowâ€•Concept for Prospective Categorization of Post-operative Severity Assessment in Mice and Rats. Frontiers in Veterinary Science, 2022, 9, 841431.	0.9	7
3	Determining the value of preferred goods based on consumer demand in a home-cageÂbased test for mice. Behavior Research Methods, 2022, , 1.	2.3	6
4	Alternate without alternative: neither preference nor learning explains behaviour of C57BL/6J mice in the T-maze. Behaviour, 2021, 158, 625-662.	0.4	7
5	Current Methods to Investigate Nociception and Pain in Zebrafish. Frontiers in Neuroscience, 2021, 15, 632634.	1.4	17
6	Lifetime Observation of Cognition and Physiological Parameters in Male Mice. Frontiers in Behavioral Neuroscience, 2021, 15, 709775.	1.0	6
7	Roaming in a Land of Milk and Honey: Life Trajectories and Metabolic Rate of Female Inbred Mice Living in a Semi Naturalistic Environment. Animals, 2021, 11, 3002.	1.0	10
8	Measuring endogenous corticosterone in laboratory mice - a mapping review, meta-analysis, and open source database. ALTEX: Alternatives To Animal Experimentation, 2021, 38, 111-122.	0.9	3
9	Evaluation of different types of enrichment - their usage and effect on home cage behavior in female mice. PLoS ONE, 2021, 16, e0261876.	1.1	9
10	Wheel running behaviour in group-housed female mice indicates disturbed wellbeing due to DSS colitis. Laboratory Animals, 2020, 54, 63-72.	0.5	16
11	Measurement of corticosterone in mice: a protocol for a mapping review. Laboratory Animals, 2020, 54, 26-32.	0.5	11
12	Cerebellar Morphology and Behavioral Profiles in Mice Lacking Heparan Sulfate Ndst Gene Function. Journal of Developmental Biology, 2020, 8, 13.	0.9	4
13	Behavioral Methods for Severity Assessment. Animals, 2020, 10, 1136.	1.0	5
14	Impulse for animal welfare outside the experiment. Laboratory Animals, 2020, 54, 150-158.	0.5	30
15	Repeatability analysis improves the reliability of behavioral data. PLoS ONE, 2020, 15, e0230900.	1.1	20
16	Towards a fully automated surveillance of well-being status in laboratory mice using deep learning: Starting with facial expression analysis. PLoS ONE, 2020, 15, e0228059.	1.1	36
17	Cut back on surplus laboratory animals. Nature, 2020, 578, 515-515.	13.7	7
18	Assessing Affective State in Laboratory Rodents to Promote Animal Welfareâ€"What Is the Progress in Applied Refinement Research?. Animals, 2019, 9, 1026.	1.0	40

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19	Start early! Does social instability during the pre- and early postnatal development prepare male wild cavies for social challenge later in life?. Frontiers in Zoology, 2017, 14, 2.	0.9	5
20	DMSO modulates CNS function in a preclinical Alzheimer's disease model. Neuropharmacology, 2017, 113, 434-444.	2.0	40
21	The glass is not yet half empty: agitation but not Varroa treatment causes cognitive bias in honey bees. Animal Cognition, 2017, 20, 233-241.	0.9	18
22	Mouse Models for the Exploration of Klinefelterâ€™s Syndrome. , 2017, , 621-649.		1
23	Benefits of adversity?! How life history affects the behavioral profile of mice varying in serotonin transporter genotype. Frontiers in Behavioral Neuroscience, 2015, 9, 47.	1.0	19
24	The neural stem cell fate determinant TRIM32 regulates complex behavioral traits. Frontiers in Cellular Neuroscience, 2015, 9, 75.	1.8	18
25	Lifetime development of behavioural phenotype in the house mouse (Mus musculus). Frontiers in Zoology, 2015, 12, S17.	0.9	158
26	Association between exploratory activity and social individuality in genetically identical mice living in the same enriched environment. Neuroscience, 2015, 309, 140-152.	1.1	50
27	Hope for the Best or Prepare for the Worst? Towards a Spatial Cognitive Bias Test for Mice. PLoS ONE, 2014, 9, e105431.	1.1	41
28	Unexpected effects of early-life adversity and social enrichment on the anxiety profile of mice varying in serotonin transporter genotype. Behavioural Brain Research, 2013, 247, 248-258.	1.2	17
29	Mouse Models for the Exploration ofÂKlinefelterâ€™s Syndrome. , 2013, , 759-784.		0
30	Emergence of Individuality in Genetically Identical Mice. Science, 2013, 340, 756-759.	6.0	413
31	TRIM32-dependent transcription in adult neural progenitor cells regulates neuronal differentiation. Cell Death and Disease, 2013, 4, e976-e976.	2.7	38
32	Effect of Acute Stressor and Serotonin Transporter Genotype on Amygdala First Wave Transcriptome in Mice. PLoS ONE, 2013, 8, e58880.	1.1	11
33	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. PLoS ONE, 2013, 8, e78238.	1.1	42
34	Serotonin transporter knockout and repeated social defeat stress: Impact on neuronal morphology and plasticity in limbic brain areas. Behavioural Brain Research, 2011, 220, 42-54.	1.2	43
35	Living in a dangerous world decreases maternal care: A study in serotonin transporter knockout mice. Hormones and Behavior, 2011, 60, 397-407.	1.0	31
36	Altered phosphorylation but no neurodegeneration in a mouse model of tau hyperphosphorylation. Neurobiology of Aging, 2011, 32, 991-1006.	1.5	24

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37	Preventive and therapeutic types of environmental enrichment counteract beta amyloid pathology by different molecular mechanisms. Neurobiology of Disease, 2011, 42, 530-538.	2.1	50
38	â€œPersonalityâ€•in laboratory mice used for biomedical research: A way of understanding variability?. Developmental Psychobiology, 2011, 53, 624-630.	0.9	67
39	Effect of Population Heterogenization on the Reproducibility of Mouse Behavior: A Multi-Laboratory Study. PLoS ONE, 2011, 6, e16461.	1.1	126
40	Wild genius - domestic fool? Spatial learning abilities of wild and domestic guinea pigs. Frontiers in Zoology, 2010, 7, 9.	0.9	33
41	Modulation of behavioural profile and stress response by 5-HTT genotype and social experience in adulthood. Behavioural Brain Research, 2010, 207, 21-29.	1.2	84
42	Social status and day-to-day behaviour of male serotonin transporter knockout mice. Behavioural Brain Research, 2010, 211, 220-228.	1.2	61
43	Living in a dangerous world: the shaping of behavioral profile by early environment and 5-HTT genotype. Frontiers in Behavioral Neuroscience, 2009, 3, 26.	1.0	63
44	The Role of Granulocyte-Colony Stimulating Factor (G-CSF) in the Healthy Brain: A Characterization of G-CSF-Deficient Mice. Journal of Neuroscience, 2009, 29, 11572-11581.	1.7	80
45	Behavioral phenotyping of a murine model of Alzheimerâ€™s disease in a seminaturalistic environment using RFID tracking. Behavior Research Methods, 2009, 41, 850-856.	2.3	49
46	Transgenic Alzheimer mice in a semi-naturalistic environment: More plaques, yet not compromised in daily life. Behavioural Brain Research, 2009, 201, 99-102.	1.2	30
47	Levodopa ameliorates learning and memory deficits in a murine model of Alzheimerâ€™s disease. Neurobiology of Aging, 2009, 30, 1192-1204.	1.5	89
48	Impaired recognition memory in male mice with a supernumerary X chromosome. Physiology and Behavior, 2009, 96, 23-29.	1.0	44
49	Fill My Datebook: A software tool to generate and handle lists of events. Behavior Research Methods, 2008, 40, 391-393.	2.3	4
50	Wheel-running in a transgenic mouse model of Alzheimer's disease: Protection or symptom?. Behavioural Brain Research, 2008, 190, 74-84.	1.2	93
51	Effects of environmental enrichment on exploration, anxiety, and memory in female TgCRND8 Alzheimer mice. Behavioural Brain Research, 2008, 191, 43-48.	1.2	91
52	Altered Heparan Sulfate Structure in Mice with Deleted NDST3 Gene Function. Journal of Biological Chemistry, 2008, 283, 16885-16894.	1.6	63
53	CNI-1493 inhibits AÎ² production, plaque formation, and cognitive deterioration in an animal model of Alzheimer's disease. Journal of Experimental Medicine, 2008, 205, 1593-1599.	4.2	21
54	CNI-1493 inhibits AÃŸ production, plaque formation, and cognitive deterioration in an animal model of Alzheimer's disease. Journal of Cell Biology, 2008, 182, i1-i1.	2.3	0

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55	Altered heparan sulfate structure in mice with deleted NDST3 gene function. VOLUME 283 (2008) PAGES 16885-16894. Journal of Biological Chemistry, 2008, 283, 22884.	1.6	1
56	Environmental bias? Effects of housing conditions, laboratory environment and experimenter on behavioral tests. Genes, Brain and Behavior, 2005, 5, 64-72.	1.1	113
57	Role of a neuronal small non-messenger RNA: behavioural alterations in BC1 RNA-deleted mice. Behavioural Brain Research, 2004, 154, 273-289.	1.2	136
58	Age- and sex-dependent development of adrenocortical hyperactivity in a transgenic mouse model of Alzheimer's disease. Neurobiology of Aging, 2004, 25, 893-904.	1.5	69
59	Neuronal Untranslated BC1 RNA: Targeted Gene Elimination in Mice. Molecular and Cellular Biology, 2003, 23, 6435-6441.	1.1	65