Hans-Peter Lipp

List of Publications by Year
in descending order

85 papers	11,805 citations	44042 48 h-index	56687 83 g-index
86 all docs	86 docs citations	86 times ranked	12454 citing authors

#	Article	IF	Citations
1	Chronic fluoxetine treatment impairs motivation and reward learning by affecting neuronal plasticity in the central amygdala. British Journal of Pharmacology, 2021, 178, 672-688.	2.7	16
2	IntelliCage as a tool for measuring mouse behavior â€“ 20 years perspective. Behavioural Brain Research, 2020, 388, 112620.	1.2	71
3	Automated dissection of permanent effects of hippocampal or prefrontal lesions on performance at spatial, working memory and circadian timing tasks of C57BL/6 mice in IntelliCage. Behavioural Brain Research, 2018, 352, 8-22.	1.2	40
4	Evolutionary Shaping of Adult Hippocampal Neurogenesis in Mammalsâ€“Cognitive Gain or Developmental Priming of Personality Traits?. Frontiers in Neuroscience, 2017, 11, 420.	1.4	9
5	Age-Dependent Neurogenesis and Neuron Numbers within the Olfactory Bulb and Hippocampus of Homing Pigeons. Frontiers in Behavioral Neuroscience, 2016, 10, 126.	1.0	17
6	Adult Neurogenesis in Mammals: Variations and Confusions. Brain, Behavior and Evolution, 2016, 87, 205-221.	0.9	43
7	Evidence that birds sleep in mid-flight. Nature Communications, 2016, 7, 12468.	5.8	235
8	Eco-HAB as a fully automated and ecologically relevant assessment of social impairments in mouse models of autism. ELife, 2016, 5, .	2.8	36
9	Temporal and Contextual Consistency of Leadership in Homing Pigeon Flocks. PLoS ONE, 2014, 9, e102771.	1.1	20
10	A novel automated behavioral test battery assessing cognitive rigidity in two genetic mouse models of autism. Frontiers in Behavioral Neuroscience, 2014, 8, 140.	1.0	34
11	Gravity anomalies without geomagnetic disturbances interfere with pigeon homing â€“ a GPS tracking study. Journal of Experimental Biology, 2014, 217, 4057-4067.	0.8	24
12	Spontaneous behavior in the social homecage discriminates strains, lesions and mutations in mice. Journal of Neuroscience Methods, 2014, 234, 26-37.	1.3	38
13	Impaired long-term memory retention: Common denominator for acutely or genetically reduced hippocampal neurogenesis in adult mice. Behavioural Brain Research, 2013, 252, 275-286.	1.2	38
14	Natural neurobiology and behavior of the mouse. , 2013, , 5-16.		7
15	Different regulation of adult hippocampal neurogenesis in Western house mice (Mus musculus) Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	21
16	Identifying reliable traits across laboratory mouse exploration arenas: A meta-analysis. Nature Precedings, 2012, , .	0.1	1
17	Sustained hippocampal neurogenesis in females is amplified in P66^{Shcâ^'/â^'} mice: An animal model of healthy aging. Hippocampus, 2012, 22, 2249-2259.	0.9	16
18	Effects of Spatial and Cognitive Enrichment on Activity Pattern and Learning Performance in Three Strains of Mice in the IntelliMaze. Behavior Genetics, 2012, 42, 449-460.	1.4	28

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19	Automated test of behavioral flexibility in mice using a behavioral sequencing task in IntelliCage. Behavioural Brain Research, 2011, 221, 172-181.	1.2	100
20	Comparing adult hippocampal neurogenesis in mammalian species and orders: influence of chronological age and life history stage. European Journal of Neuroscience, 2011, 34, 978-987.	1.2	159
21	Lab Mice in the Field: Unorthodox Daily Activity and Effects of a Dysfunctional Circadian Clock Allele. Journal of Biological Rhythms, 2011, 26, 118-129.	1.4	124
22	Hippocampal Neurogenesis and Cortical Cellular Plasticity in Wahlbergâ€™s Epauletted Fruit Bat: A Qualitative and Quantitative Study. Brain, Behavior and Evolution, 2010, 76, 116-127.	0.9	28
23	Conditioned response suppression in the IntelliCage: assessment of mouse strain differences and effects of hippocampal and striatal lesions on acquisition and retention of memory. Behavioural Brain Research, 2010, 213, 304-312.	1.2	65
24	Early age-related changes in adult hippocampal neurogenesis in C57 mice. Neurobiology of Aging, 2010, 31, 151-161.	1.5	322
25	Towards the neurobiology of largeâ€scale spatial cognition (Commentary on Gagliardo etÂal.). European Journal of Neuroscience, 2009, 29, 2388-2388.	1.2	0
26	Adult hippocampal neurogenesis of mammals: evolution and life history. Biology Letters, 2009, 5, 141-144.	1.0	66
27	Reversible effect of Xâ€irradiation on proliferation, neurogenesis, and cell death in the dentate gyrus of adult mice. Hippocampus, 2007, 17, 1230-1240.	0.9	53
28	Reduced locomotion in the serum and glucocorticoid inducible kinase 3 knock out mouse. Behavioural Brain Research, 2006, 167, 75-86.	1.2	16
29	Arc/Arg3.1 Is Essential for the Consolidation of Synaptic Plasticity and Memories. Neuron, 2006, 52, 437-444.	3.8	743
30	Lack of neprilysin suffices to generate murine amyloid-like deposits in the brain and behavioral deficit in vivo. Journal of Neuroscience Research, 2006, 84, 1871-1878.	1.3	74
31	Loss of the limbic mineralocorticoid receptor impairs behavioral plasticity. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 195-200.	3.3	240
32	Mouse Models of Hereditary Mental Retardation. Contemporary Clinical Neuroscience, 2006, , 101-125.	0.3	4
33	Mice deficient for the synaptic vesicle protein Rab3a show impaired spatial reversal learning and increased explorative activity but none of the behavioral changes shown by mice deficient for the Rab3a regulator Gdi1. European Journal of Neuroscience, 2004, 19, 1895-1905.	1.2	50
34	Granule cell number, cell death and cell proliferation in the dentate gyrus of wild-living rodents. European Journal of Neuroscience, 2004, 20, 3342-3350.	1.2	78
35	Cage enrichment and mouse behaviour. Nature, 2004, 432, 821-822.	13.7	214
36	Pigeon Homing along Highways and Exits. Current Biology, 2004, 14, 1239-1249.	1.8	128

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37	Midlatency auditory event-related potentials in mice: comparison to midlatency auditory ERPs in humans. Brain Research, 2004, 1019, 189-200.	1.1	61
38	Marked species and age-dependent differences in cell proliferation and neurogenesis in the hippocampus of wild-living rodents. Hippocampus, 2004, 14, 1000-1010.	0.9	94
39	The AP-1 Transcription Factor c-Jun Is Required for Efficient Axonal Regeneration. Neuron, 2004, 43, 57-67.	3.8	429
40	Genetic background problems in the analysis of cognitive and neuronal changes in genetically modified mice. Clinical Neuroscience Research, 2003, 3, 223-231.	0.8	22
41	Forebrain-specific trkB-receptor knockout mice: behaviorally more hyperactive than â€œdepressiveâ€. Biological Psychiatry, 2003, 54, 972-982.	0.7	141
42	Impaired explorative behavior and neophobia in genetically modified mice lacking or overexpressing the extracellular serine protease inhibitor neuroserpin. Molecular and Cellular Neurosciences, 2003, 23, 473-494.	1.0	133
43	Does cAMP Response Element-Binding Protein Have a Pivotal Role in Hippocampal Synaptic Plasticity and Hippocampus-Dependent Memory?. Journal of Neuroscience, 2003, 23, 6304-6314.	1.7	219
44	Deletion of the mental retardation gene Gdi1 impairs associative memory and alters social behavior in mice. Human Molecular Genetics, 2002, 11, 2567-2580.	1.4	100
45	GPS Tracking of Foraging Albatrosses. Science, 2002, 295, 1259-1259.	6.0	200
46	Knockout of ERK1 MAP Kinase Enhances Synaptic Plasticity in the Striatum and Facilitates Striatal-Mediated Learning and Memory. Neuron, 2002, 34, 807-820.	3.8	420
47	Knockout mice: simple solutions to the problems of genetic background and flanking genes. Trends in Neurosciences, 2002, 25, 336-340.	4.2	258
48	Long-term monitoring of hippocampus-dependent behavior in naturalistic settings: Mutant mice lacking neurotrophin receptor TrkB in the forebrain show spatial learning but impaired behavioral flexibility. Hippocampus, 2002, 12, 27-38.	0.9	64
49	Long-term monitoring of hippocampus-dependent behavior in naturalistic settings: Mutant mice lacking neurotrophin receptor TrkB in the forebrain show spatial learning but impaired behavioral flexibility. Hippocampus, 2002, 12, 27.	0.9	3
50	How the viewing of familiar landscapes prior to release allows pigeons to home faster: evidence from GPS tracking. Journal of Experimental Biology, 2002, 205, 3833-3844.	0.8	68
51	Conditioned taste aversion as a learning and memory paradigm. Behavioural Brain Research, 2001, 125, 205-213.	1.2	188
52	Kinase-Independent Requirement of EphB2 Receptors in Hippocampal Synaptic Plasticity. Neuron, 2001, 32, 1027-1040.	3.8	285
53	Extended analysis of path data from mutant mice using the public domain software Wintrack. Physiology and Behavior, 2001, 73, 745-753.	1.0	121
54	Impairment of Mossy Fiber Long-Term Potentiation and Associative Learning in Pituitary Adenylate Cyclase Activating Polypeptide Type I Receptor-Deficient Mice. Journal of Neuroscience, 2001, 21, 5520-5527.	1.7	167

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55	Similar target, different effects: late-onset ataxia and spatial learning in prion protein-deficient mouse lines. Neurogenetics, 2001, 3, 173-184.	0.7	13
56	A large outdoor radial maze for comparative studies in birds and mammals. Neuroscience and Biobehavioral Reviews, 2001, 25, 83-99.	2.9	32
57	Mice with Combined Gene Knock-Outs Reveal Essential and Partially Redundant Functions of Amyloid Precursor Protein Family Members. Journal of Neuroscience, 2000, 20, 7951-7963.	1.7	430
58	Hippocampal mossy fibers and swimming navigation learning in two vole species occupying different habitats. Hippocampus, 2000, 10, 17-30.	0.9	42
59	Dissecting the Behaviour of Transgenic Mice: Is it the Mutation, the Genetic Background, or the Environment?. Experimental Physiology, 2000, 85, 627-634.	0.9	109
60	Temporal and spatial adaptation to food restriction in mice under naturalistic conditions. Behavioural Brain Research, 2000, 115, 1-8.	1.2	46
61	Dissecting the behaviour of transgenic mice: is it the mutation, the genetic background, or the environment?. Experimental Physiology, 2000, 85, 627-634.	0.9	57
62	Essential Role for TrkB Receptors in Hippocampus-Mediated Learning. Neuron, 1999, 24, 401-414.	3.8	731
63	An automated system, based on microchips, for monitoring individual activity in wild small mammals. , 1998, 280, 97-99.		18
64	Increased flexibility and selectivity in spatial learning of transgenic mice ectopically expressing the neural cell adhesion molecule L1 in astrocytes. European Journal of Neuroscience, 1998, 10, 708-717.	1.2	52
65	A 2-year longitudinal study of swimming navigation in mice devoid of the prion protein: no evidence for neurological anomalies or spatial learning impairments. Behavioural Brain Research, 1998, 95, 47-54.	1.2	26
66	Neurobehavioral development, adult openfield exploration and swimming navigation learning in mice with a modified Î²-amyloid precursor protein gene. Behavioural Brain Research, 1998, 95, 65-76.	1.2	72
67	Genetically modified mice and cognition. Current Opinion in Neurobiology, 1998, 8, 272-280.	2.0	187
68	An automated system, based on microchips, for monitoring individual activity in wild small mammals. The Journal of Experimental Zoology, 1998, 280, 97-99.	1.4	2
69	Deficits in Memory Tasks of Mice with CREB Mutations Depend on Gene Dosage. Learning and Memory, 1998, 5, 274-288.	0.5	193
70	A role for the Ras signalling pathway in synaptic transmission and long-term memory. Nature, 1997, 390, 281-286.	13.7	449
71	Assessing the effects of the 129/Sv genetic background on swimming navigation learning in transgenic mutants: a study using mice with a modified Î²-amyloid precursor protein gene. Brain Research, 1997, 771, 1-13.	1.1	127
72	Paw preference and intra-/infrapyramidal mossy fibers in the hippocampus of the mouse. Behavior Genetics, 1996, 26, 379-390.	1.4	21

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73	Selective breeding for extremes in open-field activity of mice entails a differentiation of hippocampal mossy fibers. Behavior Genetics, 1996, 26, 167-176.	1.4	37
74	Evidence for physiological growth of hippocampal mossy fiber collaterals in the guinea pig during puberty and adulthood. Hippocampus, 1995, 5, 329-340.	0.9	36
75	Developmental exposure to ozone induces subtle changes in swimming navigation of adult mice. Toxicology Letters, 1995, 81, 91-99.	0.4	4
76	Swimming navigation, open-field activity, and extrapolation behavior of two inbred mouse strains with Robertsonian translocation of chromosomes 8 and 17. Behavior Genetics, 1994, 24, 273-284.	1.4	20
77	Distribution of TAG-1/Axonin-1 in fibre tracts and migratory streams of the developing mouse nervous system. Journal of Comparative Neurology, 1994, 345, 1-32.	0.9	145
78	Hippocampal mossy fibers and swimming navigation in mice: Correlations with size and left-right asymmetries. Hippocampus, 1994, 4, 53-63.	0.9	64
79	Mice deficient for the glycoprotein show subtle abnormalities in myelin. Neuron, 1994, 13, 229-246.	3.8	356
80	Impaired acquisition of swimming navigation in adult mice exposed prenatally to oxazepam. Psychopharmacology, 1993, 111, 33-38.	1.5	17
81	Normal development and behaviour of mice lacking the neuronal cell-surface PrP protein. Nature, 1992, 356, 577-582.	13.7	1,582
82	A new computer program for detailed off-line analysis of swimming navigation in the Morris water maze. Journal of Neuroscience Methods, 1992, 41, 65-74.	1.3	68
83	A computer-controlled Y-maze for the analysis of vibrissotactile discrimination learning in mice. Behavioural Brain Research, 1991, 45, 135-145.	1.2	19
84	Radial-maze performance and structural variation of the hippocampus in mice: a correlation with mossy fibre distribution. Brain Research, 1987, 425, 182-185.	1.1	243
85	Genetic relation among the readiness to self-stimulate the lateral hypothalamus, two-way avoidance learning, and the proportions of hippocampal synaptic fields in the regio inferior. Behavior Genetics, 1987, 17, 427-438.	1.4	3