Gerlinde A S Metz

List of Publications by Year
in descending order

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150 papers	8,182 citations	57758 44 h-index	54911 84 g-index
159 all docs	159 docs citations	159 times ranked	8053 citing authors

#	Article	IF	Citations
1	Regional differences in BDNF expression and behavior as a function of sex and enrichment type: oxytocin matters. Cerebral Cortex, 2022, 32, 2985-2999.	2.9	2
2	Endurance Training and Exogenous Adenosine Infusion Mitigate Hippocampal Inflammation and Cell Death in a Rat Model of Cerebral Ischemia/Reperfusion Injury: A Randomized Controlled Trial. Archives of Neuroscience, 2022, 9, .	0.3	0
3	Fecal 1H-NMR Metabolomics: A Comparison of Sample Preparation Methods for NMR and Novel in Silico Baseline Correction. Metabolites, 2022, 12, 148.	2.9	6
4	Social Isolation Stress Modulates Pregnancy Outcomes and the Inflammatory Profile of Rat Uterus. International Journal of Molecular Sciences, 2022, 23, 6169.	4.1	3
5	Activation of BDNF- and VEGF-mediated Neuroprotection by Treadmill Exercise Training in Experimental Stroke. Metabolic Brain Disease, 2022, 37, 1843-1853.	2.9	6
6	Thermoregulatory dynamics reveal sex-specific inflammatory responses to experimental autoimmune encephalomyelitis in mice: Implications for multiple sclerosis-induced fatigue in females. Brain, Behavior, & Immunity - Health, 2022, 23, 100477.	2.5	3
7	Trans- and Multigenerational Maternal Social Isolation Stress Programs the Blood Plasma Metabolome in the F3 Generation. Metabolites, 2022, 12, 572.	2.9	1
8	Elemental analysis of hair provides biomarkers of maternal hardship linked to adverse behavioural outcomes in 4-year-old children: The QF2011 Queensland Flood Study. Journal of Trace Elements in Medicine and Biology, 2022, 73, 127036.	3.0	5
9	Metabolic dysfunction in pregnancy: Fingerprinting the maternal metabolome using proton nuclear magnetic resonance spectroscopy. Endocrinology, Diabetes and Metabolism, 2021, 4, e00201.	2.4	10
10	Cover Imageâ€Back Cover. Endocrinology, Diabetes and Metabolism, 2021, 4, e00236.	2.4	0
11	A Strategic Program for Risk Assessment and Intervention to Mitigate Environmental Stressor-Related Adverse Pregnancy Outcomes in the Indian Population. Frontiers in Reproductive Health, 2021, 3, .	1.9	1
12	Urinary biomarkers indicative of recovery from spinal cord injury: A pilot study. IBRO Neuroscience Reports, 2021, 10, 178-185.	1.6	5
13	Alterations in Urine Metabolomics Following Sport-Related Concussion: A 1H NMR-Based Analysis. Frontiers in Neurology, 2021, 12, 645829.	2.4	9
14	Awareness of maternal stress, consequences for the offspring and the need for early interventions to increase stress resilience. Journal of Perinatal Medicine, 2021, 49, 979-989.	1.4	3
15	Aging, Social Distancing, and COVID-19 Risk: Who is more Vulnerable and Why?. , 2021, 12, 1624.		16
16	New Mechanistic Insights, Novel Treatment Paradigms, and Clinical Progress in Cerebrovascular Diseases. Frontiers in Aging Neuroscience, 2021, 13, 623751.	3.4	17
17	Urinary metabolomic signatures as indicators of injury severity following traumatic brain injury: A pilot study. IBRO Neuroscience Reports, 2021, 11, 200-206.	1.6	9
18	Transgenerational effects of early environmental insults on aging and disease incidence. Neuroscience and Biobehavioral Reviews, 2020, 117, 297-316.	6.1	54

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19	Prenatal stress and epigenetics. Neuroscience and Biobehavioral Reviews, 2020, 117, 198-210.	6.1	138
20	Non-invasive biomarkers of fetal brain development reflecting prenatal stress: An integrative multi-scale multi-species perspective on data collection and analysis. Neuroscience and Biobehavioral Reviews, 2020, 117, 165-183.	6.1	31
21	Environmental determinants of behavioural responses to short-term stress in rats: Evidence for inhibitory effect of ambient landmarks. Behavioural Brain Research, 2020, 379, 112332.	2.2	12
22	Past-Year Racial Discrimination and Allostatic Load Among Indigenous Adults in Canada: The Role of Cultural Continuity. Psychosomatic Medicine, 2020, 82, 99-107.	2.0	23
23	Cardiorenal metabolic biomarkers link early life stress to risk of non-communicable diseases and adverse mental health outcomes. Scientific Reports, 2020, 10, 13295.	3.3	20
24	Infrared Thermography Reveals Sex-Specific Responses to Stress in Mice. Frontiers in Behavioral Neuroscience, 2020, 14, 79.	2.0	16
25	Prenatal Maternal Stress Causes Preterm Birth and Affects Neonatal Adaptive Immunity in Mice. Frontiers in Immunology, 2020, 11, 254.	4.8	22
26	Ancestral stress programs sex-specific biological aging trajectories and non-communicable disease risk. Aging, 2020, 12, 3828-3847.	3.1	12
27	Climate change is a major stressor causing poor pregnancy outcomes and child development. F1000Research, 2020, 9, 1222.	1.6	21
28	Prenatal two-hit stress affects maternal and offspring pregnancy outcomes and uterine gene expression in rats: match or mismatch?â€. Biology of Reproduction, 2019, 100, 195-207.	2.7	29
29	Childhood racial discrimination and adult allostatic load: The role of Indigenous cultural continuity in allostatic resiliency. Social Science and Medicine, 2019, 241, 112564.	3.8	35
30	The crucial role of DNA-dependent protein kinase and myelin transcription factor 1-like protein in the miR-141 tumor suppressor network. Cell Cycle, 2019, 18, 2876-2892.	2.6	4
31	Exogenous adenosine facilitates neuroprotection and functional recovery following cerebral ischemia in rats. Brain Research Bulletin, 2019, 153, 250-256.	3.0	18
32	The rat cumulative allostatic load measure (rCALM): a new translational assessment of the burden of stress. Environmental Epigenetics, 2019, 5, dvz005.	1.8	10
33	Multiple prenatal stresses increase sexual dimorphism in adult offspring behavior. Psychoneuroendocrinology, 2019, 107, 251-260.	2.7	9
34	Ancestral Stress Alters Lifetime Mental Health Trajectories and Cortical Neuromorphology via Epigenetic Regulation. Scientific Reports, 2019, 9, 6389.	3.3	23
35	Data-driven analyses of motor impairments in animal models of neurological disorders. PLoS Biology, 2019, 17, e3000516.	5.6	20
36	Prediction and Understanding of Resilience in Albertan Families: Longitudinal Study of Disaster Responses (PURLS) â€“ Protocol. Frontiers in Psychiatry, 2019, 10, 729.	2.6	3

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37	Corticosterone-mediated physiological stress modulates hepatic lipid metabolism, metabolite profiles, and systemic responses in chickens. Scientific Reports, 2019, 9, 19225.	3.3	30
38	Anodal transcranial direct current stimulation with monopolar pulses improves limb use after stroke by enhancing inter-hemispheric coherence. Acta Neurobiologiae Experimentalis, 2019, 79, 290-301.	0.7	2
39	Perinatal Psychoneuroimmunology: Protocols for the Study of Prenatal Stress and Its Effects on Fetal and Postnatal Brain Development. Methods in Molecular Biology, 2018, 1781, 353-376.	0.9	7
40	Use of the parallel beam task for skilled walking in a rat model of cerebral ischemia: A qualitative approach. Learning and Motivation, 2018, 61, 74-84.	1.2	2
41	A mouseâ€™s spontaneous eating repertoire aids performance on laboratory skilled reaching tasks: A motoric example of instinctual drift with an ethological description of the withdraw movements in freely-moving and head-fixed mice. Behavioural Brain Research, 2018, 337, 80-90.	2.2	17
42	Prenatal Maternal Stress from a Natural Disaster Alters Urinary Metabolomic Profiles in Project Ice Storm Participants. Scientific Reports, 2018, 8, 12932.	3.3	30
43	Non-diagnostic symptoms in a mouse model of autism in relation to neuroanatomy: the BTBR strain reinvestigated. Translational Psychiatry, 2018, 8, 234.	4.8	32
44	Intergenerational Sex-Specific Transmission of Maternal Social Experience. Scientific Reports, 2018, 8, 10529.	3.3	18
45	Adverse effects of paternal chemotherapy exposure on the progeny brain: intergenerational chemobrain. Oncotarget, 2018, 9, 10069-10082.	1.8	9
46	Oxytocin-mediated social enrichment promotes longer telomeres and novelty seeking. ELife, 2018, 7, .	6.0	28
47	Stress and corticosterone alter synaptic plasticity in a rat model of Parkinsonâ€™s disease. Neuroscience Letters, 2017, 651, 79-87.	2.1	16
48	Organization of the reach and grasp in head-fixed vs freely-moving mice provides support for multiple motor channel theory of neocortical organization. Experimental Brain Research, 2017, 235, 1919-1932.	1.5	40
49	The syntactic organization of pasta-eating and the structure of reach movements in the head-fixed mouse. Scientific Reports, 2017, 7, 10987.	3.3	24
50	Metabolomic biomarkers of concussion. British Journal of Sports Medicine, 2017, 51, A4.2-A4.	6.7	0
51	Chronic mild stress exacerbates severity of experimental autoimmune encephalomyelitis in association with altered non-coding RNA and metabolic biomarkers. Neuroscience, 2017, 359, 299-307.	2.3	23
52	Beyond the genomeâ€”Towards an epigenetic understanding of handedness ontogenesis. Progress in Neurobiology, 2017, 159, 69-89.	5.7	80
53	The Adverse Effects of Auditory Stress on Mouse Uterus Receptivity and Behaviour. Scientific Reports, 2017, 7, 4720.	3.3	36
54	Lack of Social Support Raises Stress Vulnerability in Rats with a History of Ancestral Stress. Scientific Reports, 2017, 7, 5277.	3.3	26

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55	Evidence for Ancestral Programming of Resilience in a Two-Hit Stress Model. Frontiers in Behavioral Neuroscience, 2017, 11, 89.	2.0	21
56	Animal Models of Fetal Programming: Focus on Chronic Maternal Stress During Pregnancy and Neurodevelopment. , 2017, , 839-849.		2
57	Environmental Intervention as a Therapy for Adverse Programming by Ancestral Stress. Scientific Reports, 2016, 6, 37814.	3.3	55
58	Environmental enrichment as an intervention for adverse health outcomes of prenatal stress. Environmental Epigenetics, 2016, 2, dvw013.	1.8	48
59	Stress transgenerationally programs metabolic pathways linked to altered mental health. Cellular and Molecular Life Sciences, 2016, 73, 4547-4557.	5.4	47
60	Environmental enrichment mitigates the impact of ancestral stress on motor skill and corticospinal tract plasticity. Neuroscience Letters, 2016, 632, 181-186.	2.1	21
61	Behavioral Testing in Rodent Models of Stroke, Part II. Neuromethods, 2016, , 225-241.	0.3	2
62	Epigenetic and gene expression changes in the adolescent brain: What have we learned from animal models?. Neuroscience and Biobehavioral Reviews, 2016, 70, 189-197.	6.1	43
63	Fractionated low-dose exposure to ionizing radiation leads to DNA damage, epigenetic dysregulation, and behavioral impairment. Environmental Epigenetics, 2016, 2, dvw025.	1.8	13
64	Altered brain morphology and functional connectivity reflect a vulnerable affective state after cumulative multigenerational stress in rats. Neuroscience, 2016, 330, 79-89.	2.3	37
65	Ancestral Exposure to Stress Generates New Behavioral Traits and a Functional Hemispheric Dominance Shift. Cerebral Cortex, 2016, 27, bhw063.	2.9	27
66	Regional vulnerability of the hippocampus to repeated motor activity deprivation. Behavioural Brain Research, 2016, 301, 178-189.	2.2	6
67	Allostatic Load and Preterm Birth. International Journal of Molecular Sciences, 2015, 16, 29856-29874.	4.1	81
68	Ancestral experience as a game changer in stress vulnerability and disease outcomes. BioEssays, 2015, 37, 602-611.	2.5	34
69	Stress-induced perinatal and transgenerational epigenetic programming of brain development and mental health. Neuroscience and Biobehavioral Reviews, 2015, 48, 70-91.	6.1	414
70	Lifetime Stress Cumulatively Programs Brain Transcriptome and Impedes Stroke Recovery: Benefit of Sensory Stimulation. PLoS ONE, 2014, 9, e92130.	2.5	19
71	Lifespan Psychomotor Behaviour Profiles of Multigenerational Prenatal Stress and Artificial Food Dye Effects in Rats. PLoS ONE, 2014, 9, e92132.	2.5	33
72	Topographical disorientation after ischemic mini infarct in the dorsal hippocampus: whispers in silence. Frontiers in Behavioral Neuroscience, 2014, 8, 261.	2.0	9

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73	Ancestral exposure to stress epigenetically programs preterm birth risk and adverse maternal and newborn outcomes. BMC Medicine, 2014, 12, 121.	5.5	119
74	Stress inhibits psychomotor performance differently in simple and complex open field environments. Hormones and Behavior, 2014, 65, 66-75.	2.1	30
75	Long-term functional recovery and compensation after cerebral ischemia in rats. Behavioural Brain Research, 2014, 270, 18-28.	2.2	34
76	Transgenerational programming of maternal behaviour by prenatal stress. BMC Pregnancy and Childbirth, 2013, 13, S9.	2.4	56
77	Maternal circulating leukocytes display early chemotactic responsiveness during late gestation. BMC Pregnancy and Childbirth, 2013, 13, S8.	2.4	58
78	Hair trace elementary profiles in aging rodents and primates: links to altered cell homeodynamics and disease. Biogerontology, 2013, 14, 557-567.	3.9	22
79	Beyond the silence: Bilateral somatosensory stimulation enhances skilled movement quality and neural density in intact behaving rats. Behavioural Brain Research, 2013, 253, 78-89.	2.2	20
80	Stress and risk avoidance by exploring rats: Implications for stress management in fear-related behaviours. Behavioural Processes, 2013, 94, 89-98.	1.1	13
81	Non-genetic Inheritance of Behaviour and Stress Resilience. Non-Genetic Inheritance, 2013, 1, .	0.8	3
82	Transcranial Direct Current Stimulation in Stroke Rehabilitation: A Review of Recent Advancements. Stroke Research and Treatment, 2013, 2013, 1-14.	0.8	61
83	Maternal Stress Induces Epigenetic Signatures of Psychiatric and Neurological Diseases in the Offspring. PLoS ONE, 2013, 8, e56967.	2.5	170
84	Immunosenescence is associated with altered gene expression and epigenetic regulation in primary and secondary immune organs. Frontiers in Genetics, 2013, 4, 211.	2.3	42
85	Enriched childhood experiences moderate age-related motor and cognitive decline. Frontiers in Behavioral Neuroscience, 2013, 7, 1.	2.0	199
86	Serial pattern learning during skilled walking. Journal of Integrative Neuroscience, 2012, 11, 17-32.	1.7	8
87	Task-specific compensation and recovery following focal motor cortex lesion in stressed rats. Journal of Integrative Neuroscience, 2012, 11, 33-59.	1.7	13
88	The secret language of destiny: stress imprinting and transgenerational origins of disease. Frontiers in Genetics, 2012, 3, 96.	2.3	40
89	Concurrent silent strokes impair motor function by limiting behavioral compensation. Experimental Neurology, 2012, 236, 241-248.	4.1	16
90	Epigenetic programming of neurodegenerative diseases by an adverse environment. Brain Research, 2012, 1444, 96-111.	2.2	76

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91	Genomic and Epigenomic Responses to Chronic Stress Involve miRNA-Mediated Programming. PLoS ONE, 2012, 7, e29441.	2.5	68
92	Stress after hippocampal stroke enhances spatial performance in rats. Physiology and Behavior, 2011, 102, 389-399.	2.1	19
93	Dose-dependent loss of motor function after unilateral medial forebrain bundle rotenone lesion in rats: A cautionary note. Behavioural Brain Research, 2011, 222, 33-42.	2.2	12
94	Chronic stress prior to hippocampal stroke enhances post-stroke spatial deficits in the ziggurat task. Neurobiology of Learning and Memory, 2011, 95, 335-345.	1.9	25
95	Identification of Bilateral Changes in TID1 Expression in the 6-OHDA Rat Model of Parkinson's Disease. PLoS ONE, 2011, 6, e26045.	2.5	12
96	Stress precipitates functional deficits following striatal silent stroke: A synergistic effect. Experimental Neurology, 2011, 232, 251-260.	4.1	10
97	Blockade of Mineralocorticoid and Glucocorticoid Receptors Reverses Stress-Induced Motor Impairments. Neuroendocrinology, 2011, 94, 278-290.	2.5	19
98	Stress-induced glucocorticoid receptor activation determines functional recovery following ischemic stroke. Experimental & Translational Stroke Medicine, 2010, 2, 18.	3.2	19
99	Translating knowledge to practice: An occupational therapy perspective. Australian Occupational Therapy Journal, 2010, 57, 373-379.	1.1	31
100	Analyzing the Barriers and Supports of Knowledge Translation Using the PEO Model. Canadian Journal of Occupational Therapy, 2010, 77, 151-158.	1.3	68
101	Characterization of spatial performance in male and female Long-Evans rats by means of the Morris water task and the ziggurat task. Brain Research Bulletin, 2010, 81, 164-172.	3.0	39
102	Synergistic effects of age and stress in a rodent model of stroke. Behavioural Brain Research, 2010, 214, 55-59.	2.2	25
103	Behavioral Testing in Rodent Models of Stroke. Neuromethods, 2010, , 199-212.	0.3	3
104	Walking pattern analysis after unilateral 6-OHDA lesion and transplantation of foetal dopaminergic progenitor cells in rats. Behavioural Brain Research, 2009, 199, 317-325.	2.2	30
105	Predictable stress versus unpredictable stress: A comparison in a rodent model of stroke. Behavioural Brain Research, 2009, 205, 67-75.	2.2	28
106	The development of skilled walking in the rat. Behavioural Brain Research, 2009, 205, 426-435.	2.2	21
107	Both pre- and post-lesion experiential therapy is beneficial in 6-hydroxydopamine dopamine-depleted female rats. Neuroscience, 2009, 158, 373-386.	2.3	13
108	Enriched environment promotes efficiency of compensatory movements after cerebral ischemia in rats. Neuroscience, 2009, 163, 759-769.	2.3	44

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109	Stress and corticosterone enhance cognitive recovery from hippocampal stroke in rats. Neuroscience Letters, 2009, 462, 248-252.	2.1	27
110	The Ladder Rung Walking Task: A Scoring System and its Practical Application.. Journal of Visualized Experiments, 2009, , .	0.3	198
111	Stress accelerates neural degeneration and exaggerates motor symptoms in a rat model of Parkinson's disease. European Journal of Neuroscience, 2008, 27, 2133-2146.	2.6	101
112	Delayed recovery and exaggerated infarct size by post-lesion stress in a rat model of focal cerebral stroke. Brain Research, 2008, 1201, 151-160.	2.2	45
113	Rats with hippocampal lesion show impaired learning and memory in the ziggurat task: A new task to evaluate spatial behavior. Behavioural Brain Research, 2008, 189, 17-31.	2.2	19
114	Sex differences in skilled movement in response to restraint stress and recovery from stress. Behavioural Brain Research, 2008, 195, 251-259.	2.2	25
115	Use of Rotorod as a Method for the Qualitative Analysis of Walking in Rat. Journal of Visualized Experiments, 2008, , .	0.3	11
116	Reaching training in rats with spinal cord injury promotes plasticity and task specific recovery. Brain, 2007, 130, 2993-3003.	7.6	223
117	Stress as a Modulator of Motor System Function and Pathology. Reviews in the Neurosciences, 2007, 18, 209-22.	2.9	84
118	Sequential bilateral striatal lesions have additive effects on single skilled limb use in rats. Behavioural Brain Research, 2007, 177, 195-204.	2.2	25
119	Differential effects on forelimb grasping behavior induced by fetal dopaminergic grafts in hemiparkinsonian rats. Neurobiology of Disease, 2007, 27, 24-35.	4.4	35
120	Sexually dimorphic postural adjustments during vertical behaviour are altered in a unilateral 6-OHDA rat model of Parkinson's disease. Behavioural Brain Research, 2006, 174, 39-48.	2.2	11
121	Enriched environment improves motor function in intact and unilateral dopamine-depleted rats. Neuroscience, 2006, 140, 1127-1138.	2.3	97
122	Play fighting between kindling-prone (fast) and kindling-resistant (slow) rats.. Journal of Comparative Psychology (Washington, D C: 1983), 2006, 120, 19-30.	0.5	40
123	Bilateral alteration in stepping pattern after unilateral motor cortex injury: A new test strategy for analysis of skilled limb movements in neurological mouse models. Journal of Neuroscience Methods, 2006, 153, 104-113.	2.5	110
124	Modulation of motor function by stress: a novel concept of the effects of stress and corticosterone on behavior. European Journal of Neuroscience, 2005, 22, 1190-1200.	2.6	129
125	The unilateral 6-OHDA rat model of Parkinson's disease revisited: an electromyographic and behavioural analysis. European Journal of Neuroscience, 2005, 22, 735-744.	2.6	92
126	Motor improvements after focal cortical ischemia in adult rats are mediated by compensatory mechanisms. Behavioural Brain Research, 2005, 162, 71-82.	2.2	101

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127	Dietary restriction alters fine motor function in rats. Physiology and Behavior, 2005, 85, 581-592.	2.1	23
128	Preserved ipsilateral-to-lesion motor map organization in the unilateral 6-OHDA-treated rat model of Parkinson's disease. Brain Research, 2004, 1026, 126-135.	2.2	24
129	Detection of chronic sensorimotor impairments in the ladder rung walking task in rats with endothelin-1-induced mild focal ischemia. Journal of Neuroscience Methods, 2004, 137, 227-233.	2.5	21
130	Behavioral characterization in a comprehensive mouse test battery reveals motor and sensory impairments in growth-associated protein-43 null mutant mice. Neuroscience, 2004, 129, 563-574.	2.3	63
131	Distinct forelimb and hind limb stepping impairments in unilateral dopamine-depleted rats: use of the rotorod as a method for the qualitative analysis of skilled walking. Journal of Neuroscience Methods, 2003, 126, 13-23.	2.5	38
132	Acute alcohol administration improves skilled reaching success in intact but not 6-OHDA dopamine depleted rats: a subsystems analysis of the motoric and anxiolytic effects of alcohol. Behavioural Brain Research, 2003, 142, 167-174.	2.2	17
133	Drug-induced rotation intensity in unilateral dopamine-depleted rats is not correlated with end point or qualitative measures of forelimb or hindlimb motor performance. Neuroscience, 2002, 111, 325-336.	2.3	81
134	Impairment of pronation, supination, and body co-ordination in reach-to-grasp tasks in human Parkinson's disease (PD) reveals homology to deficits in animal models. Behavioural Brain Research, 2002, 133, 165-176.	2.2	129
135	Absence of impairments or recovery mediated by the uncrossed pyramidal tract in the rat versus enduring deficits produced by the crossed pyramidal tract. Behavioural Brain Research, 2002, 134, 323-336.	2.2	55
136	Cortical and subcortical lesions impair skilled walking in the ladder rung walking test: a new task to evaluate fore- and hindlimb stepping, placing, and co-ordination. Journal of Neuroscience Methods, 2002, 115, 169-179.	2.5	582
137	The effects of acute and chronic stress on motor and sensory performance in male Lewis rats. Physiology and Behavior, 2001, 72, 29-35.	2.1	84
138	Locomotor Recovery in Spinal Cord-Injured Rats Treated with an Antibody Neutralizing the Myelin-Associated Neurite Growth Inhibitor Nogo-A. Journal of Neuroscience, 2001, 21, 3665-3673.	3.6	302
139	The pasta matrix reaching task: a simple test for measuring skilled reaching distance, direction, and dexterity in rats. Journal of Neuroscience Methods, 2001, 106, 39-45.	2.5	68
140	Chronic levodopa therapy does not improve skilled reach accuracy or reach range on a pasta matrix reaching task in 6-OHDA dopamine-depleted (hemi-Parkinson analogue) rats. European Journal of Neuroscience, 2001, 14, 27-37.	2.6	42
141	Accelerated nervous system development contributes to behavioral efficiency in the laboratory mouse: A behavioral review and theoretical proposal. Developmental Psychobiology, 2001, 39, 151-170.	1.6	98
142	Efficient testing of motor function in spinal cord injured rats. Brain Research, 2000, 883, 165-177.	2.2	275
143	Compensatory Sprouting and Impulse Rerouting after Unilateral Pyramidal Tract Lesion in Neonatal Rats. Journal of Neuroscience, 2000, 20, 6561-6569.	3.6	97
144	Treadmill training in incomplete spinal cord injured rats. Behavioural Brain Research, 2000, 115, 107-113.	2.2	117

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145	Skilled reaching an action pattern: stability in rat (Rattus norvegicus) grasping movements as a function of changing food pellet size. Behavioural Brain Research, 2000, 116, 111-122.	2.2	151
146	Validation of the Weight-Drop Contusion Model in Rats: A Comparative Study of Human Spinal Cord Injury. Journal of Neurotrauma, 2000, 17, 1-17.	3.4	319
147	The effects of unilateral pyramidal tract section on hindlimb motor performance in the rat. Behavioural Brain Research, 1998, 96, 37-46.	2.2	95
148	Neurite growth inhibitors restrict plasticity and functional recovery following corticospinal tract lesions. Nature Neuroscience, 1998, 1, 124-131.	14.8	366
149	Regeneration and Sprouting of Chronically Injured Corticospinal Tract Fibers in Adult Rats Promoted by NT-3 and the mAb IN-1, Which Neutralizes Myelin-Associated Neurite Growth Inhibitors. Experimental Neurology, 1998, 154, 583-594.	4.1	90
150	Functional Recovery and Enhanced Corticofugal Plasticity after Unilateral Pyramidal Tract Lesion and Blockade of Myelin-Associated Neurite Growth Inhibitors in Adult Rats. Journal of Neuroscience, 1998, 18, 4744-4757.	3.6	271