

# 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	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. <i>Journal of Neuroscience Methods</i> , 2002, 115, 169-179.	2.5	582
2	Stress-induced perinatal and transgenerational epigenetic programming of brain development and mental health. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 48, 70-91.	6.1	414
3	Neurite growth inhibitors restrict plasticity and functional recovery following corticospinal tract lesions. <i>Nature Neuroscience</i> , 1998, 1, 124-131.	14.8	366
4	Validation of the Weight-Drop Contusion Model in Rats: A Comparative Study of Human Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2000, 17, 1-17.	3.4	319
5	Locomotor Recovery in Spinal Cord-Injured Rats Treated with an Antibody Neutralizing the Myelin-Associated Neurite Growth Inhibitor Nogo-A. <i>Journal of Neuroscience</i> , 2001, 21, 3665-3673.	3.6	302
6	Efficient testing of motor function in spinal cord injured rats. <i>Brain Research</i> , 2000, 883, 165-177.	2.2	275
7	Functional Recovery and Enhanced Corticofugal Plasticity after Unilateral Pyramidal Tract Lesion and Blockade of Myelin-Associated Neurite Growth Inhibitors in Adult Rats. <i>Journal of Neuroscience</i> , 1998, 18, 4744-4757.	3.6	271
8	Reaching training in rats with spinal cord injury promotes plasticity and task specific recovery. <i>Brain</i> , 2007, 130, 2993-3003.	7.6	223
9	Enriched childhood experiences moderate age-related motor and cognitive decline. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 1.	2.0	199
10	The Ladder Rung Walking Task: A Scoring System and its Practical Application.. <i>Journal of Visualized Experiments</i> , 2009, , .	0.3	198
11	Maternal Stress Induces Epigenetic Signatures of Psychiatric and Neurological Diseases in the Offspring. <i>PLoS ONE</i> , 2013, 8, e56967.	2.5	170
12	Skilled reaching an action pattern: stability in rat ( <i>Rattus norvegicus</i> ) grasping movements as a function of changing food pellet size. <i>Behavioural Brain Research</i> , 2000, 116, 111-122.	2.2	151
13	Prenatal stress and epigenetics. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 198-210.	6.1	138
14	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. <i>Behavioural Brain Research</i> , 2002, 133, 165-176.	2.2	129
15	Modulation of motor function by stress: a novel concept of the effects of stress and corticosterone on behavior. <i>European Journal of Neuroscience</i> , 2005, 22, 1190-1200.	2.6	129
16	Ancestral exposure to stress epigenetically programs preterm birth risk and adverse maternal and newborn outcomes. <i>BMC Medicine</i> , 2014, 12, 121.	5.5	119
17	Treadmill training in incomplete spinal cord injured rats. <i>Behavioural Brain Research</i> , 2000, 115, 107-113.	2.2	117
18	Bilateral alteration in stepping pattern after unilateral motor cortex injury: A new test strategy for analysis of skilled limb movements in neurological mouse models. <i>Journal of Neuroscience Methods</i> , 2006, 153, 104-113.	2.5	110

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19	Motor improvements after focal cortical ischemia in adult rats are mediated by compensatory mechanisms. <i>Behavioural Brain Research</i> , 2005, 162, 71-82.	2.2	101
20	Stress accelerates neural degeneration and exaggerates motor symptoms in a rat model of Parkinson's disease. <i>European Journal of Neuroscience</i> , 2008, 27, 2133-2146.	2.6	101
21	Accelerated nervous system development contributes to behavioral efficiency in the laboratory mouse: A behavioral review and theoretical proposal. <i>Developmental Psychobiology</i> , 2001, 39, 151-170.	1.6	98
22	Compensatory Sprouting and Impulse Rerouting after Unilateral Pyramidal Tract Lesion in Neonatal Rats. <i>Journal of Neuroscience</i> , 2000, 20, 6561-6569.	3.6	97
23	Enriched environment improves motor function in intact and unilateral dopamine-depleted rats. <i>Neuroscience</i> , 2006, 140, 1127-1138.	2.3	97
24	The effects of unilateral pyramidal tract section on hindlimb motor performance in the rat. <i>Behavioural Brain Research</i> , 1998, 96, 37-46.	2.2	95
25	The unilateral 6-OHDA rat model of Parkinson's disease revisited: an electromyographic and behavioural analysis. <i>European Journal of Neuroscience</i> , 2005, 22, 735-744.	2.6	92
26	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. <i>Experimental Neurology</i> , 1998, 154, 583-594.	4.1	90
27	The effects of acute and chronic stress on motor and sensory performance in male Lewis rats. <i>Physiology and Behavior</i> , 2001, 72, 29-35.	2.1	84
28	Stress as a Modulator of Motor System Function and Pathology. <i>Reviews in the Neurosciences</i> , 2007, 18, 209-22.	2.9	84
29	Drug-induced rotation intensity in unilateral dopamine-depleted rats is not correlated with end point or qualitative measures of forelimb or hindlimb motor performance. <i>Neuroscience</i> , 2002, 111, 325-336.	2.3	81
30	Allostatic Load and Preterm Birth. <i>International Journal of Molecular Sciences</i> , 2015, 16, 29856-29874.	4.1	81
31	Beyond the genome—Towards an epigenetic understanding of handedness ontogenesis. <i>Progress in Neurobiology</i> , 2017, 159, 69-89.	5.7	80
32	Epigenetic programming of neurodegenerative diseases by an adverse environment. <i>Brain Research</i> , 2012, 1444, 96-111.	2.2	76
33	The pasta matrix reaching task: a simple test for measuring skilled reaching distance, direction, and dexterity in rats. <i>Journal of Neuroscience Methods</i> , 2001, 106, 39-45.	2.5	68
34	Analyzing the Barriers and Supports of Knowledge Translation Using the PEO Model. <i>Canadian Journal of Occupational Therapy</i> , 2010, 77, 151-158.	1.3	68
35	Genomic and Epigenomic Responses to Chronic Stress Involve miRNA-Mediated Programming. <i>PLoS ONE</i> , 2012, 7, e29441.	2.5	68
36	Behavioral characterization in a comprehensive mouse test battery reveals motor and sensory impairments in growth-associated protein-43 null mutant mice. <i>Neuroscience</i> , 2004, 129, 563-574.	2.3	63

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37	Transcranial Direct Current Stimulation in Stroke Rehabilitation: A Review of Recent Advancements. <i>Stroke Research and Treatment</i> , 2013, 2013, 1-14.	0.8	61
38	Maternal circulating leukocytes display early chemotactic responsiveness during late gestation. <i>BMC Pregnancy and Childbirth</i> , 2013, 13, S8.	2.4	58
39	Transgenerational programming of maternal behaviour by prenatal stress. <i>BMC Pregnancy and Childbirth</i> , 2013, 13, S9.	2.4	56
40	Absence of impairments or recovery mediated by the uncrossed pyramidal tract in the rat versus enduring deficits produced by the crossed pyramidal tract. <i>Behavioural Brain Research</i> , 2002, 134, 323-336.	2.2	55
41	Environmental Intervention as a Therapy for Adverse Programming by Ancestral Stress. <i>Scientific Reports</i> , 2016, 6, 37814.	3.3	55
42	Transgenerational effects of early environmental insults on aging and disease incidence. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 297-316.	6.1	54
43	Environmental enrichment as an intervention for adverse health outcomes of prenatal stress. <i>Environmental Epigenetics</i> , 2016, 2, dww013.	1.8	48
44	Stress transgenerationally programs metabolic pathways linked to altered mental health. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 4547-4557.	5.4	47
45	Delayed recovery and exaggerated infarct size by post-lesion stress in a rat model of focal cerebral stroke. <i>Brain Research</i> , 2008, 1201, 151-160.	2.2	45
46	Enriched environment promotes efficiency of compensatory movements after cerebral ischemia in rats. <i>Neuroscience</i> , 2009, 163, 759-769.	2.3	44
47	Epigenetic and gene expression changes in the adolescent brain: What have we learned from animal models?. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 70, 189-197.	6.1	43
48	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. <i>European Journal of Neuroscience</i> , 2001, 14, 27-37.	2.6	42
49	Immunosenescence is associated with altered gene expression and epigenetic regulation in primary and secondary immune organs. <i>Frontiers in Genetics</i> , 2013, 4, 211.	2.3	42
50	Play fighting between kindling-prone (fast) and kindling-resistant (slow) rats.. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 2006, 120, 19-30.	0.5	40
51	The secret language of destiny: stress imprinting and transgenerational origins of disease. <i>Frontiers in Genetics</i> , 2012, 3, 96.	2.3	40
52	Organization of the reach and grasp in head-fixed vs freely-moving mice provides support for multiple motor channel theory of neocortical organization. <i>Experimental Brain Research</i> , 2017, 235, 1919-1932.	1.5	40
53	Characterization of spatial performance in male and female Long-Evans rats by means of the Morris water task and the zigurat task. <i>Brain Research Bulletin</i> , 2010, 81, 164-172.	3.0	39
54	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. <i>Journal of Neuroscience Methods</i> , 2003, 126, 13-23.	2.5	38

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55	Altered brain morphology and functional connectivity reflect a vulnerable affective state after cumulative multigenerational stress in rats. <i>Neuroscience</i> , 2016, 330, 79-89.	2.3	37
56	The Adverse Effects of Auditory Stress on Mouse Uterus Receptivity and Behaviour. <i>Scientific Reports</i> , 2017, 7, 4720.	3.3	36
57	Differential effects on forelimb grasping behavior induced by fetal dopaminergic grafts in hemiparkinsonian rats. <i>Neurobiology of Disease</i> , 2007, 27, 24-35.	4.4	35
58	Childhood racial discrimination and adult allostatic load: The role of Indigenous cultural continuity in allostatic resiliency. <i>Social Science and Medicine</i> , 2019, 241, 112564.	3.8	35
59	Long-term functional recovery and compensation after cerebral ischemia in rats. <i>Behavioural Brain Research</i> , 2014, 270, 18-28.	2.2	34
60	Ancestral experience as a game changer in stress vulnerability and disease outcomes. <i>BioEssays</i> , 2015, 37, 602-611.	2.5	34
61	Lifespan Psychomotor Behaviour Profiles of Multigenerational Prenatal Stress and Artificial Food Dye Effects in Rats. <i>PLoS ONE</i> , 2014, 9, e92132.	2.5	33
62	Non-diagnostic symptoms in a mouse model of autism in relation to neuroanatomy: the BTBR strain reinvestigated. <i>Translational Psychiatry</i> , 2018, 8, 234.	4.8	32
63	Translating knowledge to practice: An occupational therapy perspective. <i>Australian Occupational Therapy Journal</i> , 2010, 57, 373-379.	1.1	31
64	Non-invasive biomarkers of fetal brain development reflecting prenatal stress: An integrative multi-scale multi-species perspective on data collection and analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 165-183.	6.1	31
65	Walking pattern analysis after unilateral 6-OHDA lesion and transplantation of foetal dopaminergic progenitor cells in rats. <i>Behavioural Brain Research</i> , 2009, 199, 317-325.	2.2	30
66	Stress inhibits psychomotor performance differently in simple and complex open field environments. <i>Hormones and Behavior</i> , 2014, 65, 66-75.	2.1	30
67	Prenatal Maternal Stress from a Natural Disaster Alters Urinary Metabolomic Profiles in Project Ice Storm Participants. <i>Scientific Reports</i> , 2018, 8, 12932.	3.3	30
68	Corticosterone-mediated physiological stress modulates hepatic lipid metabolism, metabolite profiles, and systemic responses in chickens. <i>Scientific Reports</i> , 2019, 9, 19225.	3.3	30
69	Prenatal two-hit stress affects maternal and offspring pregnancy outcomes and uterine gene expression in rats: match or mismatch? <i>Biology of Reproduction</i> , 2019, 100, 195-207.	2.7	29
70	Predictable stress versus unpredictable stress: A comparison in a rodent model of stroke. <i>Behavioural Brain Research</i> , 2009, 205, 67-75.	2.2	28
71	Oxytocin-mediated social enrichment promotes longer telomeres and novelty seeking. <i>ELife</i> , 2018, 7, .	6.0	28
72	Stress and corticosterone enhance cognitive recovery from hippocampal stroke in rats. <i>Neuroscience Letters</i> , 2009, 462, 248-252.	2.1	27

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73	Ancestral Exposure to Stress Generates New Behavioral Traits and a Functional Hemispheric Dominance Shift. <i>Cerebral Cortex</i> , 2016, 27, bhw063.	2.9	27
74	Lack of Social Support Raises Stress Vulnerability in Rats with a History of Ancestral Stress. <i>Scientific Reports</i> , 2017, 7, 5277.	3.3	26
75	Sequential bilateral striatal lesions have additive effects on single skilled limb use in rats. <i>Behavioural Brain Research</i> , 2007, 177, 195-204.	2.2	25
76	Sex differences in skilled movement in response to restraint stress and recovery from stress. <i>Behavioural Brain Research</i> , 2008, 195, 251-259.	2.2	25
77	Synergistic effects of age and stress in a rodent model of stroke. <i>Behavioural Brain Research</i> , 2010, 214, 55-59.	2.2	25
78	Chronic stress prior to hippocampal stroke enhances post-stroke spatial deficits in the zigurat task. <i>Neurobiology of Learning and Memory</i> , 2011, 95, 335-345.	1.9	25
79	Preserved ipsilateral-to-lesion motor map organization in the unilateral 6-OHDA-treated rat model of Parkinson's disease. <i>Brain Research</i> , 2004, 1026, 126-135.	2.2	24
80	The syntactic organization of pasta-eating and the structure of reach movements in the head-fixed mouse. <i>Scientific Reports</i> , 2017, 7, 10987.	3.3	24
81	Dietary restriction alters fine motor function in rats. <i>Physiology and Behavior</i> , 2005, 85, 581-592.	2.1	23
82	Chronic mild stress exacerbates severity of experimental autoimmune encephalomyelitis in association with altered non-coding RNA and metabolic biomarkers. <i>Neuroscience</i> , 2017, 359, 299-307.	2.3	23
83	Ancestral Stress Alters Lifetime Mental Health Trajectories and Cortical Neuromorphology via Epigenetic Regulation. <i>Scientific Reports</i> , 2019, 9, 6389.	3.3	23
84	Past-Year Racial Discrimination and Allostatic Load Among Indigenous Adults in Canada: The Role of Cultural Continuity. <i>Psychosomatic Medicine</i> , 2020, 82, 99-107.	2.0	23
85	Hair trace elementary profiles in aging rodents and primates: links to altered cell homeodynamics and disease. <i>Biogerontology</i> , 2013, 14, 557-567.	3.9	22
86	Prenatal Maternal Stress Causes Preterm Birth and Affects Neonatal Adaptive Immunity in Mice. <i>Frontiers in Immunology</i> , 2020, 11, 254.	4.8	22
87	Detection of chronic sensorimotor impairments in the ladder rung walking task in rats with endothelin-1-induced mild focal ischemia. <i>Journal of Neuroscience Methods</i> , 2004, 137, 227-233.	2.5	21
88	The development of skilled walking in the rat. <i>Behavioural Brain Research</i> , 2009, 205, 426-435.	2.2	21
89	Environmental enrichment mitigates the impact of ancestral stress on motor skill and corticospinal tract plasticity. <i>Neuroscience Letters</i> , 2016, 632, 181-186.	2.1	21
90	Evidence for Ancestral Programming of Resilience in a Two-Hit Stress Model. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 89.	2.0	21

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91	Climate change is a major stressor causing poor pregnancy outcomes and child development. <i>F1000Research</i> , 2020, 9, 1222.	1.6	21
92	Beyond the silence: Bilateral somatosensory stimulation enhances skilled movement quality and neural density in intact behaving rats. <i>Behavioural Brain Research</i> , 2013, 253, 78-89.	2.2	20
93	Data-driven analyses of motor impairments in animal models of neurological disorders. <i>PLoS Biology</i> , 2019, 17, e3000516.	5.6	20
94	Cardiorenal metabolic biomarkers link early life stress to risk of non-communicable diseases and adverse mental health outcomes. <i>Scientific Reports</i> , 2020, 10, 13295.	3.3	20
95	Rats with hippocampal lesion show impaired learning and memory in the ziggurat task: A new task to evaluate spatial behavior. <i>Behavioural Brain Research</i> , 2008, 189, 17-31.	2.2	19
96	Stress-induced glucocorticoid receptor activation determines functional recovery following ischemic stroke. <i>Experimental &amp; Translational Stroke Medicine</i> , 2010, 2, 18.	3.2	19
97	Stress after hippocampal stroke enhances spatial performance in rats. <i>Physiology and Behavior</i> , 2011, 102, 389-399.	2.1	19
98	Blockade of Mineralocorticoid and Glucocorticoid Receptors Reverses Stress-Induced Motor Impairments. <i>Neuroendocrinology</i> , 2011, 94, 278-290.	2.5	19
99	Lifetime Stress Cumulatively Programs Brain Transcriptome and Impedes Stroke Recovery: Benefit of Sensory Stimulation. <i>PLoS ONE</i> , 2014, 9, e92130.	2.5	19
100	Intergenerational Sex-Specific Transmission of Maternal Social Experience. <i>Scientific Reports</i> , 2018, 8, 10529.	3.3	18
101	Exogenous adenosine facilitates neuroprotection and functional recovery following cerebral ischemia in rats. <i>Brain Research Bulletin</i> , 2019, 153, 250-256.	3.0	18
102	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. <i>Behavioural Brain Research</i> , 2003, 142, 167-174.	2.2	17
103	A mouse'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. <i>Behavioural Brain Research</i> , 2018, 337, 80-90.	2.2	17
104	New Mechanistic Insights, Novel Treatment Paradigms, and Clinical Progress in Cerebrovascular Diseases. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 623751.	3.4	17
105	Concurrent silent strokes impair motor function by limiting behavioral compensation. <i>Experimental Neurology</i> , 2012, 236, 241-248.	4.1	16
106	Stress and corticosterone alter synaptic plasticity in a rat model of Parkinson's disease. <i>Neuroscience Letters</i> , 2017, 651, 79-87.	2.1	16
107	Infrared Thermography Reveals Sex-Specific Responses to Stress in Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 79.	2.0	16
108	Ageing, Social Distancing, and COVID-19 Risk: Who is more Vulnerable and Why?. , 2021, 12, 1624.		16

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109	Both pre- and post-lesion experiential therapy is beneficial in 6-hydroxydopamine dopamine-depleted female rats. <i>Neuroscience</i> , 2009, 158, 373-386.	2.3	13
110	Task-specific compensation and recovery following focal motor cortex lesion in stressed rats. <i>Journal of Integrative Neuroscience</i> , 2012, 11, 33-59.	1.7	13
111	Stress and risk avoidance by exploring rats: Implications for stress management in fear-related behaviours. <i>Behavioural Processes</i> , 2013, 94, 89-98.	1.1	13
112	Fractionated low-dose exposure to ionizing radiation leads to DNA damage, epigenetic dysregulation, and behavioral impairment. <i>Environmental Epigenetics</i> , 2016, 2, dvw025.	1.8	13
113	Dose-dependent loss of motor function after unilateral medial forebrain bundle rotenone lesion in rats: A cautionary note. <i>Behavioural Brain Research</i> , 2011, 222, 33-42.	2.2	12
114	Identification of Bilateral Changes in TID1 Expression in the 6-OHDA Rat Model of Parkinson's Disease. <i>PLoS ONE</i> , 2011, 6, e26045.	2.5	12
115	Environmental determinants of behavioural responses to short-term stress in rats: Evidence for inhibitory effect of ambient landmarks. <i>Behavioural Brain Research</i> , 2020, 379, 112332.	2.2	12
116	Ancestral stress programs sex-specific biological aging trajectories and non-communicable disease risk. <i>Aging</i> , 2020, 12, 3828-3847.	3.1	12
117	Sexually dimorphic postural adjustments during vertical behaviour are altered in a unilateral 6-OHDA rat model of Parkinson's disease. <i>Behavioural Brain Research</i> , 2006, 174, 39-48.	2.2	11
118	Use of Rotorod as a Method for the Qualitative Analysis of Walking in Rat. <i>Journal of Visualized Experiments</i> , 2008, , .	0.3	11
119	Stress precipitates functional deficits following striatal silent stroke: A synergistic effect. <i>Experimental Neurology</i> , 2011, 232, 251-260.	4.1	10
120	The rat cumulative allostatic load measure (rCALM): a new translational assessment of the burden of stress. <i>Environmental Epigenetics</i> , 2019, 5, dvz005.	1.8	10
121	Metabolic dysfunction in pregnancy: Fingerprinting the maternal metabolome using proton nuclear magnetic resonance spectroscopy. <i>Endocrinology, Diabetes and Metabolism</i> , 2021, 4, e00201.	2.4	10
122	Topographical disorientation after ischemic mini infarct in the dorsal hippocampus: whispers in silence. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 261.	2.0	9
123	Multiple prenatal stresses increase sexual dimorphism in adult offspring behavior. <i>Psychoneuroendocrinology</i> , 2019, 107, 251-260.	2.7	9
124	Alterations in Urine Metabolomics Following Sport-Related Concussion: A 1H NMR-Based Analysis. <i>Frontiers in Neurology</i> , 2021, 12, 645829.	2.4	9
125	Adverse effects of paternal chemotherapy exposure on the progeny brain: intergenerational chemobrain. <i>Oncotarget</i> , 2018, 9, 10069-10082.	1.8	9
126	Urinary metabolomic signatures as indicators of injury severity following traumatic brain injury: A pilot study. <i>IBRO Neuroscience Reports</i> , 2021, 11, 200-206.	1.6	9



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127	Serial pattern learning during skilled walking. <i>Journal of Integrative Neuroscience</i> , 2012, 11, 17-32.	1.7	8
128	Perinatal Psychoneuroimmunology: Protocols for the Study of Prenatal Stress and Its Effects on Fetal and Postnatal Brain Development. <i>Methods in Molecular Biology</i> , 2018, 1781, 353-376.	0.9	7
129	Regional vulnerability of the hippocampus to repeated motor activity deprivation. <i>Behavioural Brain Research</i> , 2016, 301, 178-189.	2.2	6
130	Fecal 1H-NMR Metabolomics: A Comparison of Sample Preparation Methods for NMR and Novel in Silico Baseline Correction. <i>Metabolites</i> , 2022, 12, 148.	2.9	6
131	Activation of BDNF- and VEGF-mediated Neuroprotection by Treadmill Exercise Training in Experimental Stroke. <i>Metabolic Brain Disease</i> , 2022, 37, 1843-1853.	2.9	6
132	Urinary biomarkers indicative of recovery from spinal cord injury: A pilot study. <i>IBRO Neuroscience Reports</i> , 2021, 10, 178-185.	1.6	5
133	Elemental analysis of hair provides biomarkers of maternal hardship linked to adverse behavioural outcomes in 4-year-old children: The QF2011 Queensland Flood Study. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022, 73, 127036.	3.0	5
134	The crucial role of DNA-dependent protein kinase and myelin transcription factor 1-like protein in the miR-141 tumor suppressor network. <i>Cell Cycle</i> , 2019, 18, 2876-2892.	2.6	4
135	Non-genetic Inheritance of Behaviour and Stress Resilience. <i>Non-Genetic Inheritance</i> , 2013, 1, .	0.8	3
136	Prediction and Understanding of Resilience in Albertan Families: Longitudinal Study of Disaster Responses (PURLS) â€“ Protocol. <i>Frontiers in Psychiatry</i> , 2019, 10, 729.	2.6	3
137	Awareness of maternal stress, consequences for the offspring and the need for early interventions to increase stress resilience. <i>Journal of Perinatal Medicine</i> , 2021, 49, 979-989.	1.4	3
138	Behavioral Testing in Rodent Models of Stroke. <i>Neuromethods</i> , 2010, , 199-212.	0.3	3
139	Social Isolation Stress Modulates Pregnancy Outcomes and the Inflammatory Profile of Rat Uterus. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6169.	4.1	3
140	Thermoregulatory dynamics reveal sex-specific inflammatory responses to experimental autoimmune encephalomyelitis in mice: Implications for multiple sclerosis-induced fatigue in females. <i>Brain, Behavior, &amp; Immunity - Health</i> , 2022, 23, 100477.	2.5	3
141	Behavioral Testing in Rodent Models of Stroke, Part II. <i>Neuromethods</i> , 2016, , 225-241.	0.3	2
142	Animal Models of Fetal Programming: Focus on Chronic Maternal Stress During Pregnancy and Neurodevelopment. , 2017, , 839-849.		2
143	Use of the parallel beam task for skilled walking in a rat model of cerebral ischemia: A qualitative approach. <i>Learning and Motivation</i> , 2018, 61, 74-84.	1.2	2
144	Regional differences in BDNF expression and behavior as a function of sex and enrichment type: oxytocin matters. <i>Cerebral Cortex</i> , 2022, 32, 2985-2999.	2.9	2

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145	Anodal transcranial direct current stimulation with monopolar pulses improves limb use after stroke by enhancing inter-hemispheric coherence. <i>Acta Neurobiologiae Experimentalis</i> , 2019, 79, 290-301.	0.7	2
146	A Strategic Program for Risk Assessment and Intervention to Mitigate Environmental Stressor-Related Adverse Pregnancy Outcomes in the Indian Population. <i>Frontiers in Reproductive Health</i> , 2021, 3, .	1.9	1
147	Trans- and Multigenerational Maternal Social Isolation Stress Programs the Blood Plasma Metabolome in the F3 Generation. <i>Metabolites</i> , 2022, 12, 572.	2.9	1
148	Metabolomic biomarkers of concussion. <i>British Journal of Sports Medicine</i> , 2017, 51, A4.2-A4.	6.7	0
149	Cover Image€Back Cover. <i>Endocrinology, Diabetes and Metabolism</i> , 2021, 4, e00236.	2.4	0
150	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. <i>Archives of Neuroscience</i> , 2022, 9, .	0.3	0