Stephan von HÃ¶rsten

List of Publications by Year
in descending order

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189 papers	7,896 citations	44042 48 h-index	66879 78 g-index
203 all docs	203 docs citations	203 times ranked	9430 citing authors

#	Article	IF	Citations
1	Cut to the chase: a review of CD26/dipeptidyl peptidase-4's (DPP4) entanglement in the immune system. Clinical and Experimental Immunology, 2016, 185, 1-21.	1.1	332
2	Transgenic rat model of Huntington's disease. Human Molecular Genetics, 2003, 12, 617-624.	1.4	329
3	The neurocircuitry and receptor subtypes mediating anxiolytic-like effects of neuropeptide Y. Neuroscience and Biobehavioral Reviews, 2002, 26, 259-283.	2.9	316
4	Guidelines for preclinical animal research in ALS/MND: A consensus meeting. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2010, 11, 38-45.	2.3	293
5	Behavioral phenotyping of mice in pharmacological and toxicological research. Experimental and Toxicologic Pathology, 2003, 55, 69-83.	2.1	280
6	From Kratom to mitragynine and its derivatives: Physiological and behavioural effects related to use, abuse, and addiction. Neuroscience and Biobehavioral Reviews, 2013, 37, 138-151.	2.9	275
7	Neurodegeneration and Motor Dysfunction in a Conditional Model of Parkinson's Disease. Journal of Neuroscience, 2008, 28, 2471-2484.	1.7	164
8	Relevance of Neuropeptide Y for the neuroimmune crosstalk. Journal of Neuroimmunology, 2003, 134, 1-11.	1.1	130
9	Sex differences in a transgenic rat model of Huntington's disease: decreased 17Î²-estradiol levels correlate with reduced numbers of DARPP32+ neurons in males. Human Molecular Genetics, 2008, 17, 2595-2609.	1.4	114
10	Behavioral abnormalities precede neuropathological markers in rats transgenic for Huntington's disease. Human Molecular Genetics, 2006, 15, 3177-3194.	1.4	109
11	Neuropeptide Y (NPY) Suppresses Experimental Autoimmune Encephalomyelitis: NPY1 Receptor-Specific Inhibition of Autoreactive Th1 Responses In Vivo. Journal of Immunology, 2003, 171, 3451-3458.	0.4	103
12	Inhibition of CD26/Dipeptidyl Peptidase IV Enhances CCL11/Eotaxin-Mediated Recruitment of Eosinophils In Vivo. Journal of Immunology, 2008, 181, 1120-1127.	0.4	101
13	Selective Hippocampal Neurodegeneration in Transgenic Mice Expressing Small Amounts of Truncated AÎ² Is Induced by Pyroglutamateâ€“AÎ² Formation. Journal of Neuroscience, 2011, 31, 12790-12801.	1.7	90
14	Regulation of Expression and Function of Dipeptidyl Peptidase 4 (DP4), DP8/9, and DP10 in Allergic Responses of the Lung in Rats. Journal of Histochemistry and Cytochemistry, 2008, 56, 147-155.	1.3	89
15	Postnatal Lipopolysaccharide-Induced Illness Predisposes to Periodontal Disease in Adulthood. Brain, Behavior, and Immunity, 2002, 16, 421-438.	2.0	87
16	Unravelling the immunological roles of dipeptidyl peptidase 4 (DPP4) activity and/or structure homologue (DASH) proteins. Clinical and Experimental Immunology, 2016, 184, 265-283.	1.1	87
17	Stem Cell Quiescence in the Hippocampal Neurogenic Niche Is Associated With Elevated Transforming Growth Factor-Î² Signaling in an Animal Model of Huntington Disease. Journal of Neuropathology and Experimental Neurology, 2010, 69, 717-728.	0.9	86
18	Synthetic Retinoid AM80 Inhibits Th17 Cells and Ameliorates Experimental Autoimmune Encephalomyelitis. American Journal of Pathology, 2009, 174, 2234-2245.	1.9	84

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19	Y1 receptors regulate aggressive behavior by modulating serotonin pathways. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 12742-12747.	3.3	83
20	Neuropeptide Y (NPY) cleaving enzymes: Structural and functional homologues of dipeptidyl peptidase 4. Peptides, 2007, 28, 257-268.	1.2	82
21	Behaviorally conditioned immunosuppression using cyclosporine A: central nervous system reduces IL-2 production via splenic innervation. Journal of Neuroimmunology, 1998, 88, 182-191.	1.1	81
22	Suppression of Experimental Autoimmune Encephalomyelitis by Ghrelin. Journal of Immunology, 2009, 183, 2859-2866.	0.4	79
23	Neuropeptide Y Y1 receptor-mediated anxiolysis in the dorsocaudal lateral septum: functional antagonism of corticotropin-releasing hormone-induced anxiety. Neuroscience, 2001, 104, 799-806.	1.1	78
24	Cellular and subcellular localization of Huntington aggregates in the brain of a rat transgenic for Huntington disease. Journal of Comparative Neurology, 2007, 501, 716-730.	0.9	77
25	Effect of early experience on behavior and immune response in the rat. Physiology and Behavior, 1993, 54, 931-940.	1.0	76
26	Impaired Regulation of Brain Mitochondria by Extramitochondrial Ca2+ in Transgenic Huntington Disease Rats. Journal of Biological Chemistry, 2008, 283, 30715-30724.	1.6	76
27	Dipeptidylpeptidase 4 as a Marker of Activated Fibroblasts and a Potential Target for the Treatment of Fibrosis in Systemic Sclerosis. Arthritis and Rheumatology, 2020, 72, 137-149.	2.9	75
28	Inhibition of glutaminyl cyclase prevents pGluâ€AÎ² formation after intracortical/hippocampal microinjection in vivo/in situ. Journal of Neurochemistry, 2008, 106, 1225-1236.	2.1	67
29	Neuropeptide Y Cotransmission with Norepinephrine in the Sympathetic Nerve-Macrophage Interplay. Journal of Neurochemistry, 2008, 75, 2464-2471.	2.1	66
30	Selective striatal neuron loss and alterations in behavior correlate with impaired striatal function in Huntington's disease transgenic rats. Neurobiology of Disease, 2006, 22, 538-547.	2.1	65
31	Behavioral and In Vivo Electrophysiological Evidence for Presymptomatic Alteration of Prefrontostriatal Processing in the Transgenic Rat Model for Huntington Disease. Journal of Neuroscience, 2011, 31, 8986-8997.	1.7	64
32	More sympathy for autoimmunity with neuropeptide Y?. Trends in Immunology, 2004, 25, 508-512.	2.9	62
33	CD26 (dipeptidyl-peptidase IV)-dependent recruitment of T cells in a rat asthma model. Clinical and Experimental Immunology, 2005, 139, 17-24.	1.1	62
34	Strumpellin is a novel valosin-containing protein binding partner linking hereditary spastic paraplegia to protein aggregation diseases. Brain, 2010, 133, 2920-2941.	3.7	62
35	Motor and cognitive improvement by deep brain stimulation in a transgenic rat model of Huntington's disease. Neuroscience Letters, 2006, 406, 138-141.	1.0	61
36	Microstructural changes observed with DKI in a transgenic Huntington rat model: Evidence for abnormal neurodevelopment. NeuroImage, 2012, 59, 957-967.	2.1	59

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37	A dopaminergic mechanism of antipsychotic drug efficacy, failure, and failure reversal: the role of the dopamine transporter. Molecular Psychiatry, 2020, 25, 2101-2118.	4.1	59
38	Differential effects of neuropeptide Y (NPY) on leukocyte subsets in the blood: mobilization of B-1-like B-lymphocytes and activated monocytes. Journal of Neuroimmunology, 2001, 117, 125-132.	1.1	58
39	A role for neuropeptide Y (NPY) in phagocytosis: Implications for innate and adaptive immunity. Peptides, 2007, 28, 373-376.	1.2	56
40	Soluble DPP4 originates in part from bone marrow cells and not from the kidney. Peptides, 2014, 57, 109-117.	1.2	56
41	Extreme reduction of dipeptidyl peptidase IV activity in F344 rat substrains is associated with various behavioral differences. Physiology and Behavior, 2003, 80, 123-134.	1.0	55
42	Reduced tissue immigration of monocytes by neuropeptide Y during endotoxemia is associated with Y2 receptor activation. Journal of Neuroimmunology, 2004, 155, 1-12.	1.1	54
43	Regional and subtype selective changes of neurotransmitter receptor density in a rat transgenic for the Huntington's disease mutation. Journal of Neurochemistry, 2005, 94, 639-650.	2.1	53
44	Neuropeptide Y and its receptor subtypes specifically modulate rat peritoneal macrophage functions in vitro: counter regulation through Y1 and Y2/5 receptors. Regulatory Peptides, 2005, 124, 163-172.	1.9	53
45	Progressive deterioration of reaction time performance and choreiform symptoms in a new Huntington's disease transgenic ratmodel. Behavioural Brain Research, 2006, 170, 257-261.	1.2	53
46	Myeloperoxidase Modulates Inflammation in Generalized Pustular Psoriasis and Additional Rare Pustular Skin Diseases. American Journal of Human Genetics, 2020, 107, 527-538.	2.6	53
47	Amyloid-Beta Peptides Trigger Aggregation of Alpha-Synuclein In Vitro. Molecules, 2020, 25, 580.	1.7	53
48	Stress-induced hyperthermia in the rat: comparison of classical and novel recording methods. Laboratory Animals, 2006, 40, 186-193.	0.5	51
49	Enhanced susceptibility to periodontitis in an animal model of depression: reversed by chronic treatment with the anti-depressant tianeptine. Journal of Clinical Periodontology, 2006, 33, 469-477.	2.3	50
50	Myofibrillar instability exacerbated by acute exercise in filaminopathy. Human Molecular Genetics, 2015, 24, 7207-7220.	1.4	50
51	Opioid receptor-mediated suppression of humoral immune response in vivo and in vitro: involvement of Î¹ opioid receptors. Journal of Neuroimmunology, 1995, 57, 55-62.	1.1	47
52	Early postnatal behavioral, cellular, and molecular changes in models of Huntington disease are reversible by HDAC inhibition. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8765-E8774.	3.3	47
53	Effect of neuropeptide Y on inflammatory paw edema in the rat: involvement of peripheral NPY Y1 and Y5 receptors and interaction with dipeptidyl-peptidase IV (CD26). Journal of Neuroimmunology, 2002, 129, 35-42.	1.1	46
54	Localization, transmission, spontaneous mutations, and variation of function of the Dpp4 (Dipeptidyl-peptidase IV; CD26) gene in rats. Regulatory Peptides, 2003, 115, 81-90.	1.9	46

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55	Behavioral effects of neuropeptide Y in F344 rat substrains with a reduced dipeptidyl-peptidase IV activity. Pharmacology Biochemistry and Behavior, 2003, 75, 869-879.	1.3	45
56	Age-dependent development of the splenic marginal zone in human infants is associated with different causes of death. Human Pathology, 2004, 35, 113-121.	1.1	45
57	Automated phenotyping and advanced data mining exemplified in rats transgenic for Huntington's disease. Journal of Neuroscience Methods, 2014, 234, 38-53.	1.3	45
58	Neuropeptide Y receptor-specifically modulates human neutrophil function. Journal of Neuroimmunology, 2008, 195, 88-95.	1.1	44
59	Dipeptidyl peptidase expression during experimental colitis in mice. Inflammatory Bowel Diseases, 2010, 16, 1340-1351.	0.9	44
60	NPY modulates epinephrine-induced leukocytosis via Y-1 and Y-5 receptor activation in vivo: sympathetic co-transmission during leukocyte mobilization. Journal of Neuroimmunology, 2002, 132, 25-33.	1.1	43
61	Cyclosporine A Affects Open Field Behavior in DA Rats. Pharmacology Biochemistry and Behavior, 1998, 60, 71-76.	1.3	42
62	Modulation of innate immune functions by intracerebroventricularly applied neuropeptide Y: Dose and time dependent effects. Life Sciences, 1998, 63, 909-922.	2.0	42
63	Generalization of contextual fear depends on associative rather than non-associative memory components. Behavioural Brain Research, 2012, 233, 483-493.	1.2	42
64	Hypothalamic-pituitary-adrenal axis activation by experimental periodontal disease in rats. Journal of Periodontal Research, 2001, 36, 295-300.	1.4	41
65	Postnatally induced differences in adult pain sensitivity depend on genetics, gender and specific experiences: reversal of maternal deprivation effects by additional postnatal tactile stimulation or chronic imipramine treatment. Behavioural Brain Research, 2002, 133, 149-158.	1.2	41
66	Experimental allergic encephalomyelitis in adult DA rats subjected to neonatal handling or gentling. Brain Research, 1995, 676, 133-140.	1.1	40
67	Phenotyping of congenic dipeptidyl peptidase 4 (DP4) deficient Dark Agouti (DA) rats suggests involvement of DP4 in neuro-, endocrine, and immune functions. Clinical Chemistry and Laboratory Medicine, 2009, 47, 275-87.	1.4	40
68	Brain NPY Y1 receptors rapidly mediate the behavioral response to novelty and a compartment-specific modulation of granulocyte function in blood and spleen. Brain Research, 1998, 806, 282-286.	1.1	38
69	Factors influencing behavior of group-housed male rats in the social interaction test. Physiology and Behavior, 2001, 74, 277-282.	1.0	38
70	CD26 expression determines lung metastasis in mutant F344 rats: involvement of NK cell function and soluble CD26. Cancer Immunology, Immunotherapy, 2003, 52, 546-554.	2.0	38
71	Spontaneous In Vitro Transformation of Adult Neural Precursors into Stemâ€Like Cancer Cells. Brain Pathology, 2009, 19, 399-408.	2.1	38
72	Postnatal Life Events Affect the Severity of Asthmatic Airway Inflammation in the Adult Rat. Journal of Immunology, 2008, 180, 3919-3925.	0.4	37

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73	Dysregulation of coordinated neuronal firing patterns in striatum of freely behaving transgenic rats that model Huntington's disease. Neurobiology of Disease, 2010, 37, 106-113.	2.1	37
74	Central NPY receptor-mediated alteration of heart rate dynamics in mice during expression of fear conditioned to an auditory cue. Regulatory Peptides, 2004, 120, 205-214.	1.9	36
75	Neuropeptide Y stabilizes body temperature and prevents hypotension in endotoxaemic rats. Journal of Physiology, 2004, 561, 245-252.	1.3	35
76	CD26/dipeptidyl peptidase 4-deficiency alters thymic emigration patterns and leukcocyte subsets in F344-rats age-dependently. Clinical and Experimental Immunology, 2009, 155, 357-365.	1.1	35
77	Increased numbers of motor activity peaks during light cycle are associated with reductions in adrenergic Î±2-receptor levels in a transgenic Huntington's disease rat model. Behavioural Brain Research, 2009, 205, 175-182.	1.2	35
78	Identifying neuropeptide Y (NPY) as the main stress-related substrate of dipeptidyl peptidase 4 (DPP4) in blood circulation. Neuropeptides, 2016, 57, 21-34.	0.9	35
79	Identification and characterization of Huntington related pathology: An in vivo DKI imaging study. NeuroImage, 2012, 63, 653-662.	2.1	34
80	Reduction in Subventricular Zone-Derived Olfactory Bulb Neurogenesis in a Rat Model of Huntingtonâ€™s Disease Is Accompanied by Striatal Invasion of Neuroblasts. PLoS ONE, 2015, 10, e0116069.	1.1	34
81	Siponimod (BAF-312) Attenuates Perihemorrhagic Edema And Improves Survival in Experimental Intracerebral Hemorrhage. Stroke, 2019, 50, 3246-3254.	1.0	34
82	Neuropeptide Y (NPY) modulates oxidative burst and nitric oxide production in carrageenan-elicited granulocytes from rat air pouch. Peptides, 2006, 27, 3208-3215.	1.2	32
83	Altered emotional and motivational processing in the transgenic rat model for Huntingtonâ€™s disease. Neurobiology of Learning and Memory, 2011, 95, 92-101.	1.0	31
84	Neurobehavioral Tests in Rat Models of Degenerative Brain Diseases. Methods in Molecular Biology, 2010, 597, 333-356.	0.4	31
85	Kinetics of the early recruitment of leukocyte subsets at the sites of tumor cells in the lungs: Natural killer (NK) cells rapidly attract monocytes but not lymphocytes in the surveillance of micrometastasis. International Journal of Cancer, 2002, 99, 74-81.	2.3	30
86	Dose-dependent recruitment of CD25+ and CD26+ T cells in a novel F344 rat model of asthma. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L1564-L1571.	1.3	30
87	Glutaminyl Cyclase Knock-out Mice Exhibit Slight Hypothyroidism but No Hypogonadism. Journal of Biological Chemistry, 2011, 286, 14199-14208.	1.6	30
88	Motor function and dopamine release measurements in transgenic Huntington's disease model rats. Brain Research, 2012, 1450, 148-156.	1.1	29
89	Molecular crosstalk between Y5 receptor and neuropeptide Y drives liver cancer. Journal of Clinical Investigation, 2020, 130, 2509-2526.	3.9	29
90	Dipeptidyl peptidase IV (DPP4) deficiency increases Th1-driven allergic contact dermatitis. Clinical and Experimental Allergy, 2011, 41, 1098-1107.	1.4	28

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91	Olfactory neuron-specific expression of A30P alpha-synuclein exacerbates dopamine deficiency and hyperactivity in a novel conditional model of early Parkinson's disease stages. Neurobiology of Disease, 2011, 44, 192-204.	2.1	28
92	Proteolytic degradation of neuropeptide Y (<scp>NPY</scp>) from head to toe: Identification of novel <scp>NPY</scp>â€cleaving peptidases and potential drug interactions in <scp>CNS</scp> and Periphery. Journal of Neurochemistry, 2015, 135, 1019-1037.	2.1	28
93	Behaviorally conditioned effects of Cyclosporine A on the immune system of rats: specific alterations of blood leukocyte numbers and decrease of granulocyte function. Journal of Neuroimmunology, 1998, 85, 193-201.	1.1	27
94	Conditioned Taste Aversion Produced by Cyclosporine A: Concomitant Reduction in Lymphoid Organ Weight and Splenocyte Proliferation. Physiology and Behavior, 1998, 63, 241-247.	1.0	27
95	Postnatal maternal deprivation aggravates experimental autoimmune encephalomyelitis in adult Lewis rats: reversal by chronic imipramine treatment. International Journal of Developmental Neuroscience, 2002, 20, 125-132.	0.7	27
96	Reduced airway inflammation in CD26/DPP4â€deficient F344 rats is associated with altered recruitment patterns of regulatory T cells and expression of pulmonary surfactant proteins. Clinical and Experimental Allergy, 2010, 40, 1794-1808.	1.4	27
97	Treadmill exercise intervention improves gait and postural control in alpha-synuclein mouse models without inducing cerebral autophagy. Behavioural Brain Research, 2019, 363, 199-215.	1.2	27
98	Intratracheal Macrophage-Activating Lipopeptide-2 Reduces Metastasis in the Rat Lung. American Journal of Respiratory Cell and Molecular Biology, 2003, 28, 316-321.	1.4	26
99	Centrally applied NPY mimics immunoactivation induced by non-analgesic doses of met-enkephalin. NeuroReport, 1998, 9, 3881-3885.	0.6	25
100	Stereological quantification of carboxyfluorescein-labeled rat lung metastasis: a new method for the assessment of natural killer cell activity and tumor adhesion in vivo and in situ. Journal of Immunological Methods, 2000, 239, 25-34.	0.6	25
101	Use of cryostat sections from snap-frozen nervous tissue for combining stereological estimates with histological, cellular, or molecular analyses on adjacent sections. Journal of Chemical Neuroanatomy, 2000, 20, 21-29.	1.0	23
102	Upâ€regulation of plateletâ€derived growth factor by peripheralâ€blood leukocytes during experimental allergic encephalomyelitis. Journal of Neuroscience Research, 2008, 86, 392-402.	1.3	23
103	Memory deficits in the transgenic rat model of Huntington's disease. Behavioural Brain Research, 2012, 227, 194-198.	1.2	23
104	Effects of dipeptidyl peptidase-4 inhibition in an animal model of experimental asthma: a matter of dose, route, and time. Physiological Reports, 2013, 1, e00095.	0.7	23
105	Early deficits in declarative and procedural memory dependent behavioral function in a transgenic rat model of Huntington's disease. Behavioural Brain Research, 2013, 239, 15-26.	1.2	23
106	Impaired Decision Making and Loss of Inhibitory-Control in a Rat Model of Huntington Disease. Frontiers in Behavioral Neuroscience, 2016, 10, 204.	1.0	23
107	IsoQC (QPCTL) knock-out mice suggest differential substrate conversion by glutaminyl cyclase isoenzymes. Biological Chemistry, 2016, 397, 45-55.	1.2	23
108	Altered Hypothalamic Protein Expression in a Rat Model of Huntington's Disease. PLoS ONE, 2012, 7, e47240.	1.1	23

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109	Nicotinic acetylcholine receptor activation mediates nicotineâ€induced enhancement of experimental periodontitis. Journal of Periodontal Research, 2009, 44, 297-304.	1.4	22
110	Genotype specific age related changes in a transgenic rat model of Huntington's disease. NeuroImage, 2011, 58, 1006-1016.	2.1	22
111	Early Postnatal Hyperalimentation Impairs Renal Function via SOCS-3 Mediated Renal Postreceptor Leptin Resistance. Endocrinology, 2012, 153, 1397-1410.	1.4	22
112	Glutaminyl cyclase-mediated toxicity of pyroglutamate-beta amyloid induces striatal neurodegeneration. BMC Neuroscience, 2013, 14, 108.	0.8	22
113	Differential transgene expression patterns in Alzheimer mouse models revealed by novel human amyloid precursor proteinâ€specific antibodies. Aging Cell, 2016, 15, 953-963.	3.0	22
114	Nicotinic acetylcholine receptor activation mediates nicotineâ€induced enhancement of experimental periodontitis. Journal of Periodontal Research, 2009, 44, 110-116.	1.4	21
115	Effects of In utero environment and maternal behavior on neuroendocrine and behavioral alterations in a mouse model of prenatal trauma. Developmental Neurobiology, 2016, 76, 1254-1265.	1.5	21
116	DPP4-deficient congenic rats display blunted stress, improved fear extinction and increased central NPY. Psychoneuroendocrinology, 2015, 53, 195-206.	1.3	20
117	Neonatal Sound Stress and Development of Experimental Allergic Encephalomyelitis in Lewis and Da Rats. International Journal of Neuroscience, 1994, 78, 135-143.	0.8	19
118	Assessing the Potential Clinical Utility of Transplantations of Neural and Mesenchymal Stem Cells for Treating Neurodegenerative Diseases. Methods in Molecular Biology, 2012, 879, 147-164.	0.4	19
119	Metabolic and electrophysiological changes in the basal ganglia of transgenic Huntington's disease rats. Neurobiology of Disease, 2012, 48, 488-494.	2.1	19
120	Altered diffusion tensor imaging measurements in aged transgenic Huntington disease rats. Brain Structure and Function, 2013, 218, 767-778.	1.2	19
121	Age-related effect of peptide YY (PYY) on paw edema in the rat: The function of Y1 receptors on inflammatory cells. Experimental Gerontology, 2006, 41, 793-799.	1.2	18
122	Subtle but progressive cognitive deficits in the female tgHD hemizygote rat as demonstrated by operant SILT performance. Brain Research Bulletin, 2009, 79, 310-315.	1.4	18
123	Early cognitive dysfunction in the HD 51 CAG transgenic rat model of Huntington's disease.. Behavioral Neuroscience, 2012, 126, 479-487.	0.6	18
124	Transgenic Rat Models of Huntingtonâ€™s Disease. Current Topics in Behavioral Neurosciences, 2013, 22, 135-147.	0.8	18
125	Enhanced Y1-receptor-mediated vasoconstrictive action of neuropeptide Y (NPY) in superior mesenteric arteries in portal hypertension. Journal of Hepatology, 2006, 44, 512-519.	1.8	17
126	Ageâ€dependent gene expression profile and protein expression in a transgenic rat model of Huntington's disease. Proteomics - Clinical Applications, 2008, 2, 1638-1650.	0.8	17

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127	Modified impact of emotion on temporal discrimination in a transgenic rat model of Huntington disease. Frontiers in Behavioral Neuroscience, 2013, 7, 130.	1.0	17
128	Neuropeptide Y (<scp>NPY</scp>) in cerebrospinal fluid from patients with Huntington's Disease: increased <scp>NPY</scp> levels and differential degradation of the <scp>NPY</scp>_{1â€“30} fragment. Journal of Neurochemistry, 2016, 137, 820-837.	2.1	17
129	Novel role of NPY in neuroimmune interaction and lung growth after intrauterine growth restriction. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L491-L506.	1.3	17
130	The difficulty to model Huntingtonâ€™s disease in vitro using striatal medium spiny neurons differentiated from human induced pluripotent stem cells. Scientific Reports, 2021, 11, 6934.	1.6	17
131	Postnatal experiences influence the behavior in adult male and female Fischer and Lewis rats. International Journal of Developmental Neuroscience, 2010, 28, 561-571.	0.7	16
132	Temporal sensitivity changes with extended training in a bisection task in a transgenic rat model. Frontiers in Integrative Neuroscience, 2011, 5, 44.	1.0	16
133	Conditioned Alterations of Specific Blood Leukocyte Subsets Are Reconditionable. NeuroImmunoModulation, 2000, 7, 106-114.	0.9	15
134	Automated Behavioral Phenotyping Reveals Presymptomatic Alterations in a SCA3 Genetrap Mouse Model. Journal of Genetics and Genomics, 2012, 39, 287-299.	1.7	15
135	Dynamic footprint based locomotion sway assessment in Î±-synucleinopathic mice using Fast Fourier Transform and Low Pass Filter. Journal of Neuroscience Methods, 2018, 296, 1-11.	1.3	15
136	Disrupted-in-Schizophrenia 1 (DISC1) Overexpression and Juvenile Immune Activation Cause Sex-Specific Schizophrenia-Related Psychopathology in Rats. Frontiers in Psychiatry, 2019, 10, 222.	1.3	15
137	Proteolytic Î±-Synuclein Cleavage in Health and Disease. International Journal of Molecular Sciences, 2021, 22, 5450.	1.8	15
138	Airway-specific recruitment of T cells is reduced in a CD26-deficient F344 rat substrain. Clinical and Experimental Immunology, 2009, 158, 133-142.	1.1	14
139	Systematic data analysis and data mining in CatWalk gait analysis by heat mapping exemplified in rodent models for neurodegenerative diseases. Journal of Neuroscience Methods, 2019, 326, 108367.	1.3	14
140	A glutaminyl cyclase-catalyzed Î±-synuclein modification identified in human synucleinopathies. Acta Neuropathologica, 2021, 142, 399-421.	3.9	13
141	PP, PYY and NPY: Synthesis, Storage, Release and Degradation. Handbook of Experimental Pharmacology, 2004, , 23-44.	0.9	13
142	Comprehensive phenotyping revealed transient startle response reduction and histopathological gadolinium localization to perineuronal nets after gadodiamide administration in rats. Scientific Reports, 2020, 10, 22385.	1.6	13
143	Normal sensitivity to excitotoxicity in a transgenic Huntington's disease rat. Brain Research Bulletin, 2006, 69, 306-310.	1.4	12
144	Persistent changes within the intrinsic kidney-associated NPY system and tubular function by litter size reduction. Nephrology Dialysis Transplantation, 2011, 26, 2453-2465.	0.4	12

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145	Silhouette-Length-Scaled Gait Parameters for Motor Functional Analysis in Mice and Rats. ENeuro, 2019, 6, ENEURO.0100-19.2019.	0.9	12
146	Dipeptidyl peptidase IV (DPP4)-deficiency attenuates diet-induced obesity in rats: Possible implications for the hypothalamic neuropeptidergic system. Behavioural Brain Research, 2011, 216, 712-718.	1.2	11
147	Thirty Mouse Strain Survey of Voluntary Physical Activity and Energy Expenditure: Influence of Strain, Sex and Dayâ€“Night Variation. Frontiers in Neuroscience, 2020, 14, 531.	1.4	11
148	Role of hypothalamus-pituitary-adrenal axis modulation in the stress-resilient phenotype of DPP4-deficient rats. Behavioural Brain Research, 2019, 356, 243-249.	1.2	10
149	A Mutation in Aminopeptidase N (CD13) Isolated from a Patient Suffering from Leukemia Leads to an Arrest in the Endoplasmic Reticulum. Journal of Biological Chemistry, 2006, 281, 11894-11900.	1.6	9
150	<scp>DPP</scp>4 Inhibitors increase differentially the expression of surfactant proteins in Fischer 344 rats. Acta Physiologica, 2014, 212, 248-261.	1.8	9
151	Human alpha-synuclein overexpressing MBP29 mice mimic functional and structural hallmarks of the cerebellar subtype of multiple system atrophy. Acta Neuropathologica Communications, 2021, 9, 68.	2.4	9
152	Schizophrenia dimension-specific antipsychotic drug action and failure in amphetamine-sensitized psychotic-like rats. European Neuropsychopharmacology, 2018, 28, 1382-1393.	0.3	8
153	Imbalance of the oxytocin-vasopressin system contributes to the neuropsychiatric phenotype in the BACHD mouse model of Huntington disease. Psychoneuroendocrinology, 2020, 119, 104773.	1.3	8
154	Maternal Deprivation Decelerates Postnatal Morphological Lung Development of F344 Rats. Anatomical Record, 2014, 297, 317-326.	0.8	7
155	Dynamic footprints of Î±-synucleinopathic mice recorded by CatWalk gait analysis. Data in Brief, 2018, 17, 189-193.	0.5	7
156	Serum levels of a subset of cytokines show high interindividual variability and are not altered in rats transgenic for HuntingtonÂ´s disease. PLOS Currents, 2010, 2, RRN1190.	1.4	7
157	Transferred T cells preferentially adhere in the BALT of CD26-deficient recipient lungs during asthma. Immunobiology, 2010, 215, 321-331.	0.8	6
158	Peritoneal exudate cells from long-lived rats exhibit increased IL-10/IL-1Î² expression ratio and preserved NO/urea ratio following LPS-stimulation in vitro. Age, 2014, 36, 9696.	3.0	6
159	Postnatal morphological lung development of wild type and CD26/DPP4 deficient rat pups in dependency of LPS exposure. Annals of Anatomy, 2020, 229, 151423.	1.0	6
160	Compensatory neuritogenesis of serotonergic afferents within the striatum of a transgenic rat model of Parkinsonâ€™s disease. Brain Research, 2020, 1748, 147119.	1.1	6
161	A Sphingosine-1-Phosphate Receptor Modulator Attenuated Secondary Brain Injury and Improved Neurological Functions of Mice after ICH. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-8.	1.9	6
162	Prenatally traumatized mice reveal hippocampal methylation and expression changes of the stress-related genes Crhr1 and Fkbp5. Translational Psychiatry, 2021, 11, 183.	2.4	6

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