

Henrik H Hansen

List of Publications by Year in descending order

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70
papers

4,024
citations

126907

33
h-index

123424

61
g-index

70
all docs

70
docs citations

70
times ranked

5493
citing authors

#	ARTICLE	IF	CITATIONS
1	Synaptic NMDA receptor activity boosts intrinsic antioxidant defenses. <i>Nature Neuroscience</i> , 2008, 11, 476-487.	14.8	483
2	N-Acylethanolamines and precursor phospholipids – relation to cell injury. <i>Chemistry and Physics of Lipids</i> , 2000, 108, 135-150.	3.2	214
3	Anandamide, but not 2-arachidonoylglycerol, accumulates during in vivo neurodegeneration. <i>Journal of Neurochemistry</i> , 2001, 78, 1415-1427.	3.9	197
4	Cognitive Improvement by Activation of $\alpha 7$ Nicotinic Acetylcholine Receptors: From Animal Models to Human Pathophysiology. <i>Current Pharmaceutical Design</i> , 2010, 16, 323-343.	1.9	182
5	Mouse models of nonalcoholic steatohepatitis in preclinical drug development. <i>Drug Discovery Today</i> , 2017, 22, 1707-1718.	6.4	178
6	Hepatic transcriptome signatures in patients with varying degrees of nonalcoholic fatty liver disease compared with healthy normal-weight individuals. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, G462-G472.	3.4	162
7	Mechanisms leading to disseminated apoptosis following NMDA receptor blockade in the developing rat brain. <i>Neurobiology of Disease</i> , 2004, 16, 440-453.	4.4	149
8	Erythropoietin protects the developing brain against N-methyl-D-aspartate receptor antagonist neurotoxicity. <i>Neurobiology of Disease</i> , 2004, 15, 177-187.	4.4	135
9	NMDA antagonist inhibits the extracellular signal-regulated kinase pathway and suppresses cancer growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15605-15610.	7.1	129
10	The GLP-1 Receptor Agonist Liraglutide Improves Memory Function and Increases Hippocampal CA1 Neuronal Numbers in a Senescence-Accelerated Mouse Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 877-888.	2.6	128
11	Alleviation of motor hyperactivity and neurochemical deficits by endocannabinoid uptake inhibition in a rat model of Huntington's disease. <i>Synapse</i> , 2002, 44, 23-35.	1.2	114
12	Metabolic and hepatic effects of liraglutide, obeticholic acid and elafibranor in diet-induced obese mouse models of biopsy-confirmed nonalcoholic steatohepatitis. <i>World Journal of Gastroenterology</i> , 2018, 24, 179-194.	3.3	105
13	Accumulation of the anandamide precursor and other N-acylethanolamine phospholipids in infant rat models of in vivo necrotic and apoptotic neuronal death. <i>Journal of Neurochemistry</i> , 2008, 76, 39-46.	3.9	89
14	Formation of N-Acyl-phosphatidylethanolamines and N-Acylethanolamines. <i>Biochemical Pharmacology</i> , 1998, 55, 719-725.	4.4	86
15	Blockade of cannabinoid CB ₁ receptor function protects against in vivo disseminating brain damage following NMDA-induced excitotoxicity. <i>Journal of Neurochemistry</i> , 2002, 82, 154-158.	3.9	76
16	Towards a standard diet-induced and biopsy-confirmed mouse model of non-alcoholic steatohepatitis: Impact of dietary fat source. <i>World Journal of Gastroenterology</i> , 2019, 25, 4904-4920.	3.3	75
17	Kv7 channels: interaction with dopaminergic and serotonergic neurotransmission in the CNS. <i>Journal of Physiology</i> , 2008, 586, 1823-1832.	2.9	73
18	$\alpha 7$ Nicotinic acetylcholine receptor activation prevents behavioral and molecular changes induced by repeated phencyclidine treatment. <i>Neuropharmacology</i> , 2009, 56, 1001-1009.	4.1	73

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19	The KCNQ Channel Opener Retigabine Inhibits the Activity of Mesencephalic Dopaminergic Systems of the Rat. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 318, 1006-1019.	2.5	67
20	The GLP-1 receptor agonist liraglutide reduces pathology-specific tau phosphorylation and improves motor function in a transgenic hTauP301L mouse model of tauopathy. <i>Brain Research</i> , 2016, 1634, 158-170.	2.2	67
21	Metabolic and gut microbiome changes following GLP-1 or dual GLP-1/GLP-2 receptor agonist treatment in diet-induced obese mice. <i>Scientific Reports</i> , 2019, 9, 15582.	3.3	64
22	INT-767 improves histopathological features in a diet-induced <i>ob/ob</i> mouse model of biopsy-confirmed non-alcoholic steatohepatitis. <i>World Journal of Gastroenterology</i> , 2018, 24, 195-210.	3.3	57
23	Determination of the Phospholipid Precursor of Anandamide and Other N-Acylethanolamine Phospholipids Before and After Sodium Azide-Induced Toxicity in Cultured Neocortical Neurons. <i>Journal of Neurochemistry</i> , 2002, 75, 861-871.	3.9	55
24	Kv7 Channels: Function, Pharmacology and Channel Modulators. <i>Current Topics in Medicinal Chemistry</i> , 2006, 6, 999-1023.	2.1	55
25	The Sodium Glucose Cotransporter Type 2 Inhibitor Empagliflozin Preserves β -Cell Mass and Restores Glucose Homeostasis in the Male Zucker Diabetic Fatty Rat. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 350, 657-664.	2.5	53
26	Human translatability of the GAN diet-induced obese mouse model of non-alcoholic steatohepatitis. <i>BMC Gastroenterology</i> , 2020, 20, 210.	2.0	47
27	Effects of cannabinoids on adrenaline release from adrenal medullary cells. <i>British Journal of Pharmacology</i> , 2001, 134, 1319-1327.	5.4	44
28	Tesofensine, a Novel Triple Monoamine Reuptake Inhibitor, Induces Appetite Suppression by Indirect Stimulation of β 1 Adrenoceptor and Dopamine D1 Receptor Pathways in the Diet-Induced Obese Rat. <i>Neuropsychopharmacology</i> , 2010, 35, 1464-1476.	5.4	44
29	Long-Term Treatment with Liraglutide, a Glucagon-Like Peptide-1 (GLP-1) Receptor Agonist, Has No Effect on β -Amyloid Plaque Load in Two Transgenic APP/PS1 Mouse Models of Alzheimer's Disease. <i>PLoS ONE</i> , 2016, 11, e0158205.	2.5	39
30	Alpha-7 nicotinic acetylcholine receptor agonists selectively activate limbic regions of the rat forebrain: An effect similar to antipsychotics. <i>Journal of Neuroscience Research</i> , 2007, 85, 1810-1818.	2.9	37
31	Epigenetic regulation of Arc and c-Fos in the hippocampus after acute electroconvulsive stimulation in the rat. <i>Brain Research Bulletin</i> , 2012, 88, 507-513.	3.0	37
32	The DPP-IV inhibitor linagliptin and GLP-1 induce synergistic effects on body weight loss and appetite suppression in the diet-induced obese rat. <i>European Journal of Pharmacology</i> , 2014, 741, 254-263.	3.5	36
33	Combined obeticholic acid and elafibanor treatment promotes additive liver histological improvements in a diet-induced <i>ob/ob</i> mouse model of biopsy-confirmed NASH. <i>Scientific Reports</i> , 2019, 9, 9046.	3.3	35
34	Repeated administration of β 7 nicotinic acetylcholine receptor (nAChR) agonists, but not positive allosteric modulators, increases β 7 nAChR levels in the brain. <i>Journal of Neurochemistry</i> , 2010, 114, 1205-1216.	3.9	34
35	Characterization of liraglutide, a glucagon-like peptide-1 (GLP-1) receptor agonist, in rat partial and full nigral 6-hydroxydopamine lesion models of Parkinson's disease. <i>Brain Research</i> , 2016, 1646, 354-365.	2.2	34
36	Neuropathological and biochemical features of traumatic injury in the developing brain. <i>Neurotoxicity Research</i> , 2003, 5, 475-490.	2.7	31

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37	The novel triple monoamine reuptake inhibitor tesofensine induces sustained weight loss and improves glycemic control in the diet-induced obese rat: Comparison to sibutramine and rimonabant. <i>European Journal of Pharmacology</i> , 2010, 636, 88-95.	3.5	31
38	The $\alpha 7$ nicotinic receptor agonist SSR180711 increases activity regulated cytoskeleton protein (Arc) gene expression in the prefrontal cortex of the rat. <i>Neuroscience Letters</i> , 2007, 418, 154-158.	2.1	29
39	Electrospray ionization mass spectrometric method for the determination of cannabinoid precursors: N-acylethanolamine phospholipids (NAPEs). <i>Journal of Mass Spectrometry</i> , 1999, 34, 761-767.	1.6	27
40	Tesofensine induces appetite suppression and weight loss with reversal of low forebrain dopamine levels in the diet-induced obese rat. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 110, 265-271.	2.9	27
41	Hepatoprotective effects of semaglutide, lanifibranor and dietary intervention in the GAN diet-induced obese and biopsy-confirmed mouse model of NASH. <i>Clinical and Translational Science</i> , 2022, 15, 1167-1186.	3.1	26
42	Whole-brain activation signatures of weight-lowering drugs. <i>Molecular Metabolism</i> , 2021, 47, 101171.	6.5	25
43	Alterations in hypothalamic gene expression following Roux-en-Y gastric bypass. <i>Molecular Metabolism</i> , 2016, 5, 296-304.	6.5	24
44	The nicotinic $\alpha 7$ acetylcholine receptor agonist ssr180711 is unable to activate limbic neurons in mice overexpressing human amyloid- $\beta 1-42$. <i>Brain Research</i> , 2008, 1227, 240-247.	2.2	23
45	Brain levels of N-acylethanolamine phospholipids in mice during pentylenetetrazol-induced seizure. <i>Lipids</i> , 2003, 38, 387-390.	1.7	22
46	Identification and Metabolic Profiling of a Novel Human Gut-derived LEAP2 Fragment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e966-e981.	3.6	22
47	GABA Regulates the Rat Hypothalamic-Pituitary-Adrenocortical Axis via Different GABA A Receptor α -Subtypes. <i>Annals of the New York Academy of Sciences</i> , 2008, 1148, 384-392.	3.8	20
48	Biosynthesis of endocannabinoids and their modes of action in neurodegenerative diseases. <i>Neurotoxicity Research</i> , 2003, 5, 183-199.	2.7	19
49	K _v 7 (KCNQ) channel openers normalize central α -deoxyglucose uptake in a mouse model of mania and increase prefrontal cortical and hippocampal serine α phosphorylation levels of GSK3 β . <i>Journal of Neurochemistry</i> , 2012, 121, 373-382.	3.9	19
50	Anti-hypertensive treatment preserves appetite suppression while preventing cardiovascular adverse effects of tesofensine in rats. <i>Obesity</i> , 2013, 21, 985-992.	3.0	19
51	Changes in Binding of [123I]CLINDE, a High-Affinity Translocator Protein 18 kDa (TSPO) Selective Radioligand in a Rat Model of Traumatic Brain Injury. <i>NeuroMolecular Medicine</i> , 2016, 18, 158-169.	3.4	18
52	Rapid Activation of the Extracellular Signal-Regulated Kinase 1/2 (ERK1/2) Signaling Pathway by Electroconvulsive Shock in the Rat Prefrontal Cortex Is Not Associated with TrkB Neurotrophin Receptor Activation. <i>Cellular and Molecular Neurobiology</i> , 2007, 27, 585-594.	3.3	17
53	Opposite effect of phencyclidine on activity-regulated cytoskeleton-associated protein (Arc) in juvenile and adult limbic rat brain regions. <i>Neurochemistry International</i> , 2010, 56, 270-275.	3.8	16
54	Kv7 (KCNQ) channel openers induce hypothermia in the mouse. <i>Neuroscience Letters</i> , 2011, 488, 178-182.	2.1	16

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55	Therapeutic effects of lisinopril and empagliflozin in a mouse model of hypertension-accelerated diabetic kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 321, F149-F161.	2.7	16
56	Guanylin and uroguanylin mRNA expression is increased following Roux-en-Y gastric bypass, but guanylins do not play a significant role in body weight regulation and glycemic control. <i>Peptides</i> , 2018, 101, 32-43.	2.4	15
57	Disease Progression and Pharmacological Intervention in a Nutrient-Deficient Rat Model of Nonalcoholic Steatohepatitis. <i>Digestive Diseases and Sciences</i> , 2019, 64, 1238-1256.	2.3	15
58	Acute Phencyclidine Treatment Induces Extensive and Distinct Protein Phosphorylation in Rat Frontal Cortex. <i>Journal of Proteome Research</i> , 2014, 13, 1578-1592.	3.7	13
59	Characterization of local gut microbiome and intestinal transcriptome responses to rosiglitazone treatment in diabetic db/db mice. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 110966.	5.6	12
60	Use of biomarkers in the discovery of novel anti-schizophrenia drugs. <i>Drug Discovery Today</i> , 2010, 15, 137-141.	6.4	10
61	Adrenomedullin and glucagon-like peptide-1 have additive effects on food intake in mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 167-173.	5.6	10
62	Application of the Physical Disector Principle for Quantification of Dopaminergic Neuronal Loss in a Rat 6-Hydroxydopamine Nigral Lesion Model of Parkinson's Disease. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 109.	1.7	8
63	Whole-brain mapping of amylin-induced neuronal activity in receptor activity-modifying protein 1/3 knockout mice. <i>European Journal of Neuroscience</i> , 2021, 54, 4154-4166.	2.6	8
64	±7 Nicotinic receptor agonism mitigates phencyclidine-induced changes in synaptophysin and Arc gene expression in the mouse prefrontal cortex. <i>Neurochemistry International</i> , 2010, 57, 756-761.	3.8	7
65	Global transcriptome analysis of rat hypothalamic arcuate nucleus demonstrates reversal of hypothalamic gliosis following surgically and diet induced weight loss. <i>Scientific Reports</i> , 2019, 9, 16161.	3.3	7
66	Characterization of combined linagliptin and Y2R agonist treatment in diet-induced obese mice. <i>Scientific Reports</i> , 2021, 11, 8060.	3.3	6
67	Nephroprotective Effects of Semaglutide as Mono- and Combination Treatment with Lisinopril in a Mouse Model of Hypertension-Accelerated Diabetic Kidney Disease. <i>Biomedicines</i> , 2022, 10, 1661.	3.2	5
68	Animal Models of Type 2 Diabetes, Obesity and Nonalcoholic Steatohepatitis – Clinical Translatability and Applicability in Preclinical Drug Development. , 2019, , 369-403.		4
69	Whole-brain three-dimensional imaging for quantification of drug targets and treatment effects in mouse models of neurodegenerative diseases. <i>Neural Regeneration Research</i> , 2020, 15, 2255.	3.0	3
70	The ±4 ²² nicotine acetylcholine receptor agonist ispronicline induces c-Fos expression in selective regions of the rat forebrain. <i>Neuroscience Letters</i> , 2012, 515, 7-11.	2.1	1