

Annika Thorsell

List of Publications by Year in descending order

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97
papers

5,433
citations

66343

42
h-index

85541

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97
docs citations

97
times ranked

5396
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavioral insensitivity to restraint stress, absent fear suppression of behavior and impaired spatial learning in transgenic rats with hippocampal neuropeptide Y overexpression. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 12852-12857.	7.1	289
2	A genetic determinant of the striatal dopamine response to alcohol in men. Molecular Psychiatry, 2011, 16, 809-817.	7.9	284
3	3-(4-Chloro-2-Morpholin-4-yl-Thiazol-5-yl)-8-(1-Ethylpropyl)-2,6-Dimethyl-Imidazo[1,2-b]Pyridazine: A Novel Brain-Penetrant, Orally Available Corticotropin-Releasing Factor Receptor 1 Antagonist with Efficacy in Animal Models of Alcoholism. Journal of Neuroscience, 2007, 27, 2718-2726.	3.6	232
4	Decreased experimental anxiety and voluntary ethanol consumption in rats following central but not basolateral amygdala lesions. Brain Research, 1997, 760, 94-101.	2.2	199
5	Neurokinin 1 Receptor Antagonism as a Possible Therapy for Alcoholism. Science, 2008, 319, 1536-1539.	12.6	198
6	Neurogranin in cerebrospinal fluid as a marker of synaptic degeneration in Alzheimer's disease. Brain Research, 2010, 1362, 13-22.	2.2	180
7	Decreased cerebrospinal fluid neuropeptide Y (NPY) in patients with treatment refractory unipolar major depression: preliminary evidence for association with preproNPY gene polymorphism. Journal of Psychiatric Research, 2004, 38, 113-121.	3.1	161
8	Behavioral and endocrine adaptation, and up-regulation of NPY expression in rat amygdala following repeated restraint stress. NeuroReport, 1999, 10, 3003-3007.	1.2	149
9	Subpopulations of extracellular vesicles from human metastatic melanoma tissue identified by quantitative proteomics after optimized isolation. Journal of Extracellular Vesicles, 2020, 9, 1722433.	12.2	130
10	Diverse functions of neuropeptide Y revealed using genetically modified animals. Neuropeptides, 2002, 36, 182-193.	2.2	127
11	The Corticotropin Releasing Hormone-1 (CRH1) Receptor Antagonist Pexacerfont in Alcohol Dependence: A Randomized Controlled Experimental Medicine Study. Neuropsychopharmacology, 2015, 40, 1053-1063.	5.4	127
12	Translating the neuroscience of alcoholism into clinical treatments: From blocking the buzz to curing the blues. Neuroscience and Biobehavioral Reviews, 2010, 35, 334-344.	6.1	109
13	Brain Neuropeptide Y (NPY) in Stress and Alcohol Dependence. Reviews in the Neurosciences, 2002, 13, 85-94.	2.9	106
14	Anxiogenic-Like Action of Galanin after Intra-Amygdala Administration in the Rat. Neuropsychopharmacology, 1999, 21, 507-512.	5.4	102
15	The effects of social isolation on neuropeptide Y levels, exploratory and anxiety-related behaviors in rats. Pharmacology Biochemistry and Behavior, 2006, 83, 28-34.	2.9	96
16	The neuropeptide Y Y1 receptor subtype is necessary for the anxiolytic-like effects of neuropeptide Y, but not the antidepressant-like effects of fluoxetine, in mice. Psychopharmacology, 2007, 195, 547-557.	3.1	96
17	Suppressed neuropeptide Y (NPY) mRNA in rat amygdala following restraint stress. Regulatory Peptides, 1998, 75-76, 247-254.	1.9	90
18	The kappa opioid receptor antagonist JDTC attenuates alcohol seeking and withdrawal anxiety. Addiction Biology, 2012, 17, 634-647.	2.6	90

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19	Decreased Measures of Experimental Anxiety in Rats Bred for High Alcohol Preference. <i>Alcoholism: Clinical and Experimental Research</i> , 1997, 21, 656-660.	2.4	88
20	Viral vector-induced amygdala NPY overexpression reverses increased alcohol intake caused by repeated deprivations in Wistar rats. <i>Brain</i> , 2007, 130, 1330-1337.	7.6	87
21	Suppression of ethanol self-administration by the neuropeptide Y (NPY) Y2 receptor antagonist BIIE0246: evidence for sensitization in rats with a history of dependence. <i>Neuroscience Letters</i> , 2005, 375, 129-133.	2.1	84
22	Brain neuropeptide Y and corticotropin-releasing hormone in mediating stress and anxiety. <i>Experimental Biology and Medicine</i> , 2010, 235, 1163-1167.	2.4	83
23	Differential Expression of NPY and Its Receptors in Alcohol-Preferring AA and Alcohol-Avoiding ANA Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 1564-1569.	2.4	81
24	Blockade of central neuropeptide Y (NPY) Y2 receptors reduces ethanol self-administration in rats. <i>Neuroscience Letters</i> , 2002, 332, 1-4.	2.1	80
25	Effects of neuropeptide Y and corticotropin-releasing factor on ethanol intake in Wistar rats: interaction with chronic ethanol exposure. <i>Behavioural Brain Research</i> , 2005, 161, 133-140.	2.2	78
26	D2 dopamine receptor internalization prolongs the decrease of radioligand binding after amphetamine: A PET study in a receptor internalization-deficient mouse model. <i>NeuroImage</i> , 2010, 50, 1402-1407.	4.2	77
27	Pharmacological blockade of corticotropin-releasing hormone receptor 1 (CRHR1) reduces voluntary consumption of high alcohol concentrations in non-dependent Wistar rats. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 100, 522-529.	2.9	76
28	Long-Term Neurobehavioral Effects of Alcohol or Nicotine Exposure in Adolescent Animal Models. <i>Annals of the New York Academy of Sciences</i> , 2004, 1021, 448-458.	3.8	73
29	Neuropeptide Y (NPY) suppresses yohimbine-induced reinstatement of alcohol seeking. <i>Psychopharmacology</i> , 2010, 208, 417-426.	3.1	71
30	Stress-induced reinstatement of alcohol-seeking in rats is selectively suppressed by the neurokinin 1 (NK1) antagonist L822429. <i>Psychopharmacology</i> , 2011, 218, 111-119.	3.1	65
31	Effect of the Adenosine A2a Receptor Antagonist 3,7-Dimethyl-Propargylxanthine on Anxiety-like and Depression-like Behavior and Alcohol Consumption in Wistar Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2007, 31, 1302-1307.	2.4	60
32	Pharmacological Consequence of the A118G μ Opioid Receptor Polymorphism on Morphine- and Fentanyl-mediated Modulation of Ca ²⁺ Channels in Humanized Mouse Sensory Neurons. <i>Anesthesiology</i> , 2011, 115, 1054-1062.	2.5	58
33	Neurokinin-1 receptors (NK1R:s), alcohol consumption, and alcohol reward in mice. <i>Psychopharmacology</i> , 2010, 209, 103-111.	3.1	57
34	Alcohol-Induced Neurodegeneration, Suppression of Transforming Growth Factor- β 2, and Cognitive Impairment in Rats: Prevention by Group II Metabotropic Glutamate Receptor Activation. <i>Biological Psychiatry</i> , 2010, 67, 823-830.	1.3	56
35	A Pharmacogenetic Determinant of Mu-Opioid Receptor Antagonist Effects on Alcohol Reward and Consumption: Evidence from Humanized Mice. <i>Biological Psychiatry</i> , 2015, 77, 850-858.	1.3	56
36	Neuropeptide Y in Alcohol Addiction and Affective Disorders. <i>Frontiers in Endocrinology</i> , 2017, 8, 178.	3.5	56

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37	Preclinical evaluation of the kappa-opioid receptor antagonist CERC-501 as a candidate therapeutic for alcohol use disorders. <i>Neuropsychopharmacology</i> , 2018, 43, 1805-1812.	5.4	55
38	Stress-related neuropeptides and alcoholism: CRH, NPY, and beyond. <i>Alcohol</i> , 2009, 43, 491-498.	1.7	52
39	Effects of Neuropeptide Y on Appetitive and Consummatory Behaviors Associated With Alcohol Drinking in Wistar Rats With a History of Ethanol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2005, 29, 584-590.	2.4	51
40	Suppression of alcohol self-administration and reinstatement of alcohol seeking by melanin-concentrating hormone receptor 1 (MCH1-R) antagonism in Wistar rats. <i>Psychopharmacology</i> , 2010, 211, 367-375.	3.1	51
41	Anxiogenic-like action of centrally administered glucagon-like peptide-1 in a punished drinking test. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2002, 26, 119-122.	4.8	43
42	Neuropeptide Y (NPY) in alcohol intake and dependence. <i>Peptides</i> , 2007, 28, 480-483.	2.4	43
43	The novel, selective, brain-penetrant neuropeptide Y Y2 receptor antagonist, JNJ-31020028, tested in animal models of alcohol consumption, relapse, and anxiety. <i>Alcohol</i> , 2011, 45, 567-576.	1.7	42
44	Local 5,7-Dihydroxytryptamine Lesions of Rat Amygdala Release of Punished Drinking, Unaffected Plus-Maze Behavior and Ethanol Consumption. <i>Neuropsychopharmacology</i> , 2001, 24, 430-440.	5.4	41
45	Effect of social isolation on ethanol consumption and substance P/neurokinin expression in Wistar rats. <i>Alcohol</i> , 2005, 36, 91-97.	1.7	41
46	Reactive astrogliosis induces astrocytic differentiation of adult neural stem/progenitor cells in vitro. <i>Journal of Neuroscience Research</i> , 2006, 84, 1415-1424.	2.9	41
47	Role of apolipoprotein CIII overproduction in diabetic dyslipidaemia. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 1861-1870.	4.4	39
48	Investigation of human apoB48 metabolism using a new, integrated non-steady-state model of apoB48 and apoB100 kinetics. <i>Journal of Internal Medicine</i> , 2019, 285, 562-577.	6.0	37
49	High cortisol in 5-year-old children causes loss of DNA methylation in SINE retrotransposons: a possible role for ZNF263 in stress-related diseases. <i>Clinical Epigenetics</i> , 2015, 7, 91.	4.1	35
50	The μ -Opioid Receptor and Treatment Response to Naltrexone. <i>Alcohol and Alcoholism</i> , 2013, 48, 402-408.	1.6	34
51	Binge-like ethanol consumption increases corticosterone levels and neurodegeneration whereas occupancy of type II glucocorticoid receptors with mifepristone is neuroprotective. <i>Addiction Biology</i> , 2014, 19, 27-36.	2.6	33
52	Arrestin3 mediates D ₂ dopamine receptor internalization. <i>Synapse</i> , 2009, 63, 621-624.	1.2	32
53	Proinflammatory signaling regulates voluntary alcohol intake and stress-induced consumption after exposure to social defeat stress in mice. <i>Addiction Biology</i> , 2017, 22, 1279-1288.	2.6	31
54	Central Neuropeptide Y in Anxiety and Stress-related Behavior and in Ethanol Intake. <i>Annals of the New York Academy of Sciences</i> , 2008, 1148, 136-140.	3.8	30

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55	Melanin-concentrating hormone receptor 1 (MCH1-R) antagonism: Reduced appetite for calories and suppression of addictive-like behaviors. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 102, 400-406.	2.9	30
56	Receptor Reserve Moderates Mesolimbic Responses to Opioids in a Humanized Mouse Model of the OPRM1 A118G Polymorphism. <i>Neuropsychopharmacology</i> , 2015, 40, 2614-2622.	5.4	29
57	Differential expression of diacylglycerol kinase iota and L18A mRNAs in the brains of alcohol-preferring AA and alcohol-avoiding ANA rats. <i>Molecular Psychiatry</i> , 2001, 6, 103-108.	7.9	27
58	Exposure to nicotine during periadolescence or early adulthood alters aversive and physiological effects induced by ethanol. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 99, 7-16.	2.9	27
59	Potential of brain stimulation reward by morphine: effects of neurokinin-1 receptor antagonism. <i>Psychopharmacology</i> , 2012, 220, 215-224.	3.1	27
60	A Novel Brain Penetrant NPS Receptor Antagonist, NCGC00185684, Blocks Alcohol-Induced ERK-Phosphorylation in the Central Amygdala and Decreases Operant Alcohol Self-Administration in Rats. <i>Journal of Neuroscience</i> , 2013, 33, 10132-10142.	3.6	27
61	Genetic and environmental aspects in the association between attention-deficit hyperactivity disorder symptoms and binge-eating behavior in adults: a twin study. <i>Psychological Medicine</i> , 2017, 47, 2866-2878.	4.5	27
62	PRECLINICAL STUDY: FULL ARTICLE: Ethanol-induced activation of AKT and DARPP32 in the mouse striatum mediated by opioid receptors. <i>Addiction Biology</i> , 2010, 15, 299-303.	2.6	26
63	The nociceptin/orphanin FQ receptor agonist SR-8993 as a candidate therapeutic for alcohol use disorders: validation in rat models. <i>Psychopharmacology</i> , 2016, 233, 3553-3563.	3.1	26
64	Apolipoprotein B48 metabolism in chylomicrons and very low-density lipoproteins and its role in triglyceride transport in normo- and hypertriglyceridemic human subjects. <i>Journal of Internal Medicine</i> , 2020, 288, 422-438.	6.0	25
65	Embryo-Like Features in Developing <i>Bacillus subtilis</i> Biofilms. <i>Molecular Biology and Evolution</i> , 2021, 38, 31-47.	8.9	25
66	Stress-induced transposon reactivation: a mediator or an estimator of allostatic load?. <i>Environmental Epigenetics</i> , 2016, 2, dvw015.	1.8	23
67	Discovery of Species-unique Peptide Biomarkers of Bacterial Pathogens by Tandem Mass Spectrometry-based Proteotyping. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 518-528.	3.8	22
68	Differential expression of NPY and its receptors in alcohol-preferring AA and alcohol-avoiding ANA rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 1564-9.	2.4	21
69	Maternal stress and diet may influence affective behavior and stress-response in offspring via epigenetic regulation of central peptidergic function. <i>Environmental Epigenetics</i> , 2016, 2, dvw012.	1.8	20
70	Perinatal Malnutrition Leads to Sexually Dimorphic Behavioral Responses with Associated Epigenetic Changes in the Mouse Brain. <i>Scientific Reports</i> , 2017, 7, 11082.	3.3	20
71	Effects of liraglutide on the metabolism of triglyceride-rich lipoproteins in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 1191-1201.	4.4	20
72	Leptin suppression of hypothalamic NPY expression and feeding, but not amygdala NPY expression and experimental anxiety. <i>Pharmacology Biochemistry and Behavior</i> , 2002, 71, 425-430.	2.9	18

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73	Î2-Arrestin 2 knockout mice exhibit sensitized dopamine release and increased reward in response to a low dose of alcohol. <i>Psychopharmacology</i> , 2013, 230, 439-449.	3.1	18
74	Structure-Activity Relationship of Imidazopyridinium Analogues as Antagonists of Neuropeptide S Receptor. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 9045-9056.	6.4	18
75	Effects of Evolocumab on the Postprandial Kinetics of Apo (Apolipoprotein) B100- and B48-Containing Lipoproteins in Subjects With Type 2 Diabetes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 962-975.	2.4	18
76	CHRONIC FOOTSHOCK, BUT NOT A PHYSIOLOGICAL STRESSOR, SUPPRESSES THE ALCOHOL DEPRIVATION EFFECT IN DEPENDENT RATS. <i>Alcohol and Alcoholism</i> , 2004, 39, 190-196.	1.6	17
77	Maternal obesity (Class III), gestational weight gain and maternal leptin levels during and after pregnancy: a prospective cohort study. <i>BMC Obesity</i> , 2016, 3, 28.	3.1	16
78	Anaesthetic-induced cardioprotection in an experimental model of the Takotsubo syndrome - isoflurane vs. propofol. <i>Acta Anaesthesiologica Scandinavica</i> , 2017, 61, 309-321.	1.6	16
79	Use of Electrochemical Oxidation and Model Peptides To Study Nucleophilic Biological Targets of Reactive Metabolites: The Case of Rimonabant. <i>Chemical Research in Toxicology</i> , 2014, 27, 1808-1820.	3.3	14
80	Several behavioral traits relevant for alcoholism are controlled by Î2 subunit containing GABAA receptors on dopamine neurons in mice. <i>Neuropsychopharmacology</i> , 2018, 43, 1548-1556.	5.4	13
81	Decreased measures of experimental anxiety in rats bred for high alcohol preference. <i>Alcoholism: Clinical and Experimental Research</i> , 1997, 21, 656-60.	2.4	13
82	The melanin-concentrating hormone-1 receptor modulates alcohol-induced reward and DARPP-32 phosphorylation. <i>Psychopharmacology</i> , 2016, 233, 2355-2363.	3.1	11
83	Neuropeptide Y (NPY) mRNA in rat brain tissue: effects of decapitation and high-energy microwave irradiation on post mortem stability. <i>Neuropeptides</i> , 2001, 35, 168-173.	2.2	8
84	Acute effects on brain cholecystokinin-like concentration and anxiety-like behaviour in the female rat upon a single injection of 17Î2-estradiol. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 122, 222-227.	2.9	7
85	Cationic lipid-mediated delivery and expression of prepro-neuropeptide Y cDNA after intraventricular administration in rat: feasibility and limitations. <i>Regulatory Peptides</i> , 1996, 61, 205-211.	1.9	6
86	Lipid mediated gene delivery in the adult rat brain: quantitative analysis of expression. <i>Neurochemistry International</i> , 1999, 35, 65-71.	3.8	6
87	Melanin-Concentrating Hormone and Its MCH Receptor: Relationship Between Effects on Alcohol and Caloric Intake. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 2199-2207.	2.4	6
88	Maternal plasma leptin levels in relation to the duration of the active phase of labor. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2018, 97, 1248-1256.	2.8	6
89	NPY in alcoholism and psychiatric disorders. , 2006, , 183-192.		6
90	Adult neural stem/progenitor cells reduce NMDA-induced excitotoxicity via the novel neuroprotective peptide pentinin. <i>Journal of Neurochemistry</i> , 2009, 109, 858-866.	3.9	4

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91	Antagonism of neuropeptide YY1 receptors does not inhibit ethanol's effects on cortical EEG and ERPs in Wistar rats.. Journal of Studies on Alcohol and Drugs, 2005, 66, 559-566.	2.3	2
92	Stress and perceived health among primary care visitors in two corners of Europe: Scandinavia and Greece. International Journal of Health Geographics, 2020, 19, 55.	2.5	2
93	Role of endogenous incretins in the regulation of postprandial lipoprotein metabolism. European Journal of Endocrinology, 2022, 187, 75-84.	3.7	2
94	CNS expression of diacylglycerol kinase iota and L18A mRNAs. Molecular Psychiatry, 2001, 6, 5-5.	7.9	1
95	Neuropeptide Y in Brain Function. , 2006, , 523-543.		1
96	Proteomic analysis in diffuse large B-cell lymphoma identifies dysregulated tumor microenvironment proteins in non-GCB/ABC subtype patients. Leukemia and Lymphoma, 2021, 62, 1-14.	1.3	0
97	The proteome signature of cord blood plasma with high hematopoietic stem and progenitor cell count. Stem Cell Research, 2022, 61, 102752.	0.7	0