

Gyula Szab

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80
papers

1,677
citations

21
h-index

38
g-index

83
ext. papers

1,792
ext. citations

4
avg, IF

3.71
L-index

#	Paper	IF	Citations
80	Oxytocin and addiction: a review. <i>Psychoneuroendocrinology</i> , 1998 , 23, 945-62	5	155
79	Decreased serotonin turnover in the dorsal hippocampus of rat brain shortly after adrenalectomy: selective normalization after corticosterone substitution. <i>Brain Research</i> , 1982 , 239, 659-63	3.7	145
78	The role of oxytocin-dopamine interactions in cocaine-induced locomotor hyperactivity. <i>Neuropharmacology</i> , 1990 , 29, 365-8	5.5	103
77	Effect of an imidazobenzodiazepine, Ro15-4513, on the incoordination and hypothermia produced by ethanol and pentobarbital. <i>Life Sciences</i> , 1987 , 41, 611-9	6.8	94
76	Effects of cholecystokinin octapeptide on striatal dopamine metabolism and on apomorphine-induced stereotyped cage-climbing in mice. <i>European Journal of Pharmacology</i> , 1981 , 69, 313-9	5.3	73
75	Selective attenuation of cocaine-induced stereotyped behaviour by oxytocin: putative role of basal forebrain target sites. <i>Neuropeptides</i> , 1991 , 19, 51-6	3.3	67
74	The involvement of catecholaminergic mechanisms in the behavioural action of vasopressin. <i>Neuroscience Letters</i> , 1977 , 5, 337-44	3.3	60
73	Effects of cocaine on the contents of neurohypophyseal hormones in the plasma and in different brain structures in rats. <i>Neuropeptides</i> , 1992 , 23, 27-31	3.3	59
72	Role of endogenous corticotropin-releasing factor in mediation of neuroendocrine and behavioral responses to cholecystokinin octapeptide sulfate ester in rats. <i>Neuroendocrinology</i> , 1993 , 57, 340-5	5.6	53
71	Oxytocin attenuates the cocaine-induced exploratory hyperactivity in mice. <i>NeuroReport</i> , 1990 , 1, 200-2	1.7	50
70	Microinjection of oxytocin into limbic-mesolimbic brain structures disrupts heroin self-administration behavior: a receptor-mediated event?. <i>Life Sciences</i> , 1987 , 41, 1265-71	6.8	42
69	The effects of neurohypophyseal hormones on tolerance to the hypothermic effect of ethanol. <i>Alcohol</i> , 1985 , 2, 567-74	2.7	41
68	Critical role of endogenous corticotropin-releasing factor (CRF) in the mediation of the behavioral action of cocaine in rats. <i>Life Sciences</i> , 1992 , 51, 2019-24	6.8	38
67	Seizure, neurotransmitter release, and gene expression are closely related in the striatum of 4-aminopyridine-treated rats. <i>Epilepsy Research</i> , 2003 , 55, 117-29	3	37
66	The NMDA receptor antagonist dizocilpine differentially affects environment-dependent and environment-independent ethanol tolerance. <i>Psychopharmacology</i> , 1994 , 113, 511-7	4.7	35
65	Oxytocin modulates behavioural adaptation to repeated treatment with cocaine in rats. <i>Neuropharmacology</i> , 1992 , 31, 593-8	5.5	33
64	Opposite actions of oxytocin and vasopressin in the development of cocaine-induced behavioral sensitization in mice. <i>Pharmacology Biochemistry and Behavior</i> , 1992 , 43, 491-4	3.9	30

63	Ghrelin amplifies the nicotine-induced dopamine release in the rat striatum. <i>Neurochemistry International</i> , 2013 , 63, 239-43	4.4	24
62	Opposite changes in turnover of noradrenaline and dopamine in the CNS of ethanol-dependent mice. <i>Neuropharmacology</i> , 1990 , 29, 37-45	5.5	23
61	Alterations of behavior and spatial learning after unilateral entorhinal ablation of rats. <i>Life Sciences</i> , 2006 , 78, 2683-8	6.8	22
60	Endocrine, behavioral and autonomic effects of neuropeptide AF. <i>Hormones and Behavior</i> , 2009 , 56, 24-34	4.7	21
59	The interaction of Urocortin II and Urocortin III with amygdalar and hypothalamic corticotropin-releasing factor (CRF)--reflections on the regulation of the hypothalamic-pituitary-adrenal (HPA) axis. <i>Neuropeptides</i> , 2013 , 47, 333-8	3.3	20
58	Chronic ethanol exposure results in increased acute functional tolerance in selected lines of HAFT and LAFT mice. <i>Psychopharmacology</i> , 2001 , 155, 405-12	4.7	19
57	Influence of degradation on binding properties and biological activity of endomorphin 1. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 284, 771-6	3.4	19
56	Endogenous oxytocin inhibits morphine tolerance through limbic forebrain oxytocin receptors. <i>Brain Research</i> , 1988 , 463, 284-8	3.7	18
55	Forskolin promotes the development of ethanol tolerance in 6-hydroxydopamine-treated mice. <i>Life Sciences</i> , 1988 , 42, 615-21	6.8	16
54	The effect of urocortin I on the hypothalamic ACTH secretagogues and its impact on the hypothalamic-pituitary-adrenal axis. <i>Neuropeptides</i> , 2014 , 48, 15-20	3.3	15
53	Ghrelin and nicotine stimulate equally the dopamine release in the rat amygdala. <i>Neurochemical Research</i> , 2013 , 38, 1989-95	4.6	15
52	The effects of CRF and the urocortins on [3H]GABA release from the rat amygdala--an in vitro superfusion study. <i>Brain Research Bulletin</i> , 2008 , 75, 15-7	3.9	15
51	Effects of secretin on acute and chronic effects of morphine. <i>Pharmacology Biochemistry and Behavior</i> , 1995 , 51, 469-72	3.9	15
50	Development of morphine tolerance under tonic control of brain oxytocin. <i>Drug and Alcohol Dependence</i> , 1986 , 17, 369-75	4.9	15
49	Restraint stress in rats alters gene transcription and protein translation in the hippocampus. <i>Neurochemical Research</i> , 2012 , 37, 958-64	4.6	13
48	Oxytocin blocks the development of heroin-enkephalin cross-tolerance in mice. <i>Pharmacology Biochemistry and Behavior</i> , 1992 , 43, 187-92	3.9	12
47	Comparative effects of arginine vasopressin, [pGlu4,Cyt6]arginine vasopressin-(4-9) and nerve growth factor on maintenance of functional tolerance to ethanol in mice. <i>European Journal of Pharmacology</i> , 1991 , 199, 131-4	5.3	12
46	Selective CRF2 receptor agonists ameliorate the anxiety- and depression-like state developed during chronic nicotine treatment and consequent acute withdrawal in mice. <i>Brain Research</i> , 2016 , 1652, 21-29	3.7	12

45	Effects of cocaine and pimozide on plasma and brain alpha-melanocyte-stimulating hormone levels in rats. <i>Neuroendocrinology</i> , 1992 , 55, 9-13	5.6	11
44	Neurohypophyseal hormones and behavior. <i>Progress in Brain Research</i> , 1987 , 72, 109-18	2.9	11
43	Obestatin prevents analgesic tolerance to morphine and reverses the effects of mild morphine withdrawal in mice. <i>Regulatory Peptides</i> , 2013 , 186, 77-82		10
42	The effects of endomorphins and diprotin A on striatal dopamine release induced by electrical stimulation-an in vitro superfusion study in rats. <i>Neurochemistry International</i> , 2006 , 49, 665-8	4.4	10
41	The effects of pituitary adenylate cyclase-activating polypeptide on acute and chronic morphine actions in mice. <i>Regulatory Peptides</i> , 2002 , 109, 57-62		10
40	Effects of atrial natriuretic peptide on acute and chronic effects of morphine. <i>Pharmacology Biochemistry and Behavior</i> , 1992 , 43, 193-7	3.9	10
39	Vasoactive intestinal polypeptide induces analgesia and impairs the antinociceptive effect of morphine in mice. <i>Neuropeptides</i> , 1998 , 32, 557-62	3.3	9
38	Opposite effects of intraventricular and intracisternal administration of vasopressin on blood pressure in rats. <i>Peptides</i> , 1986 , 7, 539-40	3.8	9
37	The effects of CRF and urocortins on the hippocampal glutamate release. <i>Neurochemistry International</i> , 2015 , 90, 67-71	4.4	8
36	The effect of obestatin on anxiety-like behaviour in mice. <i>Behavioural Brain Research</i> , 2015 , 293, 41-5	3.4	8
35	Secretin attenuates the hereditary repetitive hyperactive movements in a mouse model. <i>Journal of Molecular Neuroscience</i> , 2011 , 43, 109-14	3.3	8
34	Brain-derived neurotrophic factor, neurotrophin-3 and neurotrophin-4/5 maintain functional tolerance to ethanol. <i>European Journal of Pharmacology</i> , 1995 , 287, 35-41	5.3	8
33	Antiamnesic effects of D-pipecolic acid and analogues of Pro-Leu-Gly-NH ₂ in rats. <i>Pharmacology Biochemistry and Behavior</i> , 1988 , 31, 833-7	3.9	8
32	Dose-related effect of the oxytocin fragment (prolyl-leucyl-glycinamide) on ?-MPT-induced catecholamine disappearance and serotonin level in rat brain. <i>Neurochemistry International</i> , 1981 , 3, 411-4	4.4	8
31	Oxytocin blocks the development of heroin-fentanyl cross-tolerance in mice. <i>Pharmacology Biochemistry and Behavior</i> , 1995 , 52, 591-4	3.9	7
30	Effects of calcitonin gene-related peptide on acute and chronic effects of morphine. <i>Pharmacology Biochemistry and Behavior</i> , 1995 , 52, 595-9	3.9	7
29	The role of central corticotiberin in the ether stress-induced secretion of neurohypophyseal hormones and corticosterone in the rat. <i>Neuropeptides</i> , 1994 , 26, 33-7	3.3	7
28	Effects of beta-endorphin ₂₋₉ on arginine-8-vasopressin and oxytocin levels in hypothalamic and limbic brain regions. <i>Brain Research</i> , 1987 , 403, 155-7	3.7	7

27	Kisspeptin-8 Induces Anxiety-Like Behavior and Hypolocomotion by Activating the HPA Axis and Increasing GABA Release in the Nucleus Accumbens in Rats. <i>Biomedicines</i> , 2021 , 9,	4.8	7
26	The effect of kisspeptin on the regulation of vascular tone. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015 , 93, 787-91	2.4	6
25	Intranasal application of secretin, similarly to intracerebroventricular administration, influences the motor behavior of mice probably through specific receptors. <i>Journal of Molecular Neuroscience</i> , 2012 , 48, 558-64	3.3	6
24	The effect of vasoactive intestinal polypeptide and pituitary adenylate cyclase activating polypeptide on tolerance to morphine and alcohol in mice. <i>Annals of the New York Academy of Sciences</i> , 1998 , 865, 566-9	6.5	6
23	Antisense oligonucleotide to c-fos blocks the ability of arginine vasopressin to maintain ethanol tolerance. <i>European Journal of Pharmacology</i> , 1996 , 306, 67-72	5.3	6
22	Effects of brain natriuretic peptide on effects of morphine in mice. <i>Neuropeptides</i> , 1996 , 30, 438-42	3.3	6
21	The effect of pituitary adenylate cyclase-activating polypeptide on elevated plus maze behavior and hypothermia induced by morphine withdrawal. <i>Neuropeptides</i> , 2012 , 46, 11-7	3.3	5
20	Ligand-specific regulation of the endogenous mu-opioid receptor by chronic treatment with mu-opioid peptide agonists. <i>BioMed Research International</i> , 2013 , 2013, 501086	3	5
19	Cytoskeletal protein translation and expression in the rat brain are stressor-dependent and region-specific. <i>PLoS ONE</i> , 2013 , 8, e73504	3.7	5
18	Increased sensitivity to picrotoxin as an index of physical dependence on alcohol in the mouse. <i>Drug and Alcohol Dependence</i> , 1984 , 14, 187-95	4.9	5
17	Effects of haloperidol on morphine-induced antinociception morphine tolerance and withdrawal in hyperprolactinaemic rats. <i>Neuropharmacology</i> , 1985 , 24, 1027-31	5.5	5
16	Cholecystokinin octapeptides influence tolerance to ethanol in mice. <i>Neuropeptides</i> , 1985 , 6, 397-404	3.3	4
15	The effects of des-enkephalin-gamma-endorphin and des-Tyr1-a-endorphin on regional serotonin metabolism in rat brain. <i>Brain Research</i> , 1982 , 245, 384-8	3.7	4
14	Changes in striatal dopamine release and locomotor activity following acute withdrawal from chronic nicotine are mediated by CRF1, but not CRF2, receptors. <i>Brain Research</i> , 2019 , 1706, 41-47	3.7	3
13	Kisspeptin modulates pain sensitivity of CFLP mice. <i>Peptides</i> , 2018 , 105, 21-27	3.8	3
12	Effects of kisspeptin on diabetic rat platelets. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017 , 95, 1319-1326	2.4	3
11	Effect of neuropeptide y on body temperature of normal and alcohol-tolerant rats. <i>Bulletin of Experimental Biology and Medicine</i> , 1992 , 113, 446-449	0.8	3
10	Central effects of antiserum against human atrial natriuretic polypeptide on water and electrolyte metabolism and plasma arginine-8-vasopressin level in conscious rats. <i>Neuropeptides</i> , 1991 , 19, 183-7	3.3	3

9	The effect on brain 5-HT of central lysine-vasopressin administration into different cerebral ventricular compartments depends on the site of injection. <i>Neuropeptides</i> , 1986 , 7, 241-5	3.3	3
8	Anxiolytic- and antidepressant-like actions of Urocortin 2 and its fragments in mice. <i>Brain Research</i> , 2018 , 1680, 62-68	3.7	3
7	D-pipecolic acid inhibits ethanol tolerance in mice. <i>Neurochemical Research</i> , 1986 , 11, 1677-82	4.6	2
6	Neurohypophyseal Hormones and Behavior 1977 , 201-210		2
5	The role of central corticoliberin in the hyperosmosis-induced secretion of neurohypophysial hormones and corticosterone in the rat. <i>Neuropeptides</i> , 1994 , 27, 15-8	3.3	1
4	The effects of beta-endorphin on arginine-8-vasopressin and oxytocin levels in rat brain areas. <i>Experientia</i> , 1989 , 45, 472-4		1
3	EFFECTS OF NEUROHYPOPHYSEAL PEPTIDE HORMONES ON ALCOHOL DEPENDENCE AND WITHDRAWAL. <i>Alcohol and Alcoholism</i> , 1987 ,	3.5	1
2	The effects of the urocortins on the hypothalamic-pituitary-adrenal axis - similarities and discordancies between rats and mice. <i>Peptides</i> , 2019 , 112, 1-13	3.8	1
1	Effect of a selective - opioid agonist, d-pen2-d-pen5 - enkephalin (DPDPE), on grooming and sniffing activity. <i>International Journal of Psychophysiology</i> , 1989 , 7, 275-276	2.9	