

# T Bäckström

## List of Publications by Year in descending order

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53  
papers

4,056  
citations

147566

31  
h-index

168136

53  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2079  
citing authors

#	ARTICLE	IF	CITATIONS
1	EPILEPTIC SEIZURES IN WOMEN RELATED to PLASMA ESTROGEN and PROGESTERONE DURING the MENSTRUAL CYCLE. <i>Acta Neurologica Scandinavica</i> , 1976, 54, 321-347.	1.0	374
2	Effects of intravenous progesterone infusions on the epileptic discharge frequency in women with partial epilepsy. <i>Acta Neurologica Scandinavica</i> , 1984, 69, 240-248.	1.0	262
3	Progesterone, 5 $\beta$ -pregnane-3,20-dione and 3 $\beta$ -hydroxy-5 $\beta$ -pregnane-20-one in specific regions of the human female brain in different endocrine states. <i>Brain Research</i> , 1997, 764, 173-178.	1.1	239
4	Mood, Sexuality, Hormones, and the Menstrual Cycle. II. Hormone Levels and Their Relationship to the Premenstrual Syndrome. <i>Psychosomatic Medicine</i> , 1983, 45, 503-507.	1.3	224
5	Progesterone selectively increases amygdala reactivity in women. <i>Molecular Psychiatry</i> , 2008, 13, 325-333.	4.1	220
6	Patients with Premenstrual Syndrome Have a Different Sensitivity to a Neuroactive Steroid during the Menstrual Cycle Compared to Control Subjects. <i>Neuroendocrinology</i> , 1998, 67, 126-138.	1.2	166
7	Induced Anovulation As Treatment Of Premenstrual Tension Syndrome: A double-blind cross-over study with GnRH-agonist versus placebo. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 1988, 67, 159-166.	1.3	152
8	Gonadal hormone regulation of the emotion circuitry in humans. <i>Neuroscience</i> , 2011, 191, 38-45.	1.1	152
9	Allopregnanolone and mood disorders. <i>Progress in Neurobiology</i> , 2014, 113, 88-94.	2.8	149
10	Serum dehydroepiandrosterone sulfate in Alzheimer's disease and in multi-infarct dementia. <i>Biological Psychiatry</i> , 1991, 30, 684-690.	0.7	142
11	Paradoxical effects of GABA-A modulators may explain sex steroid induced negative mood symptoms in some persons. <i>Neuroscience</i> , 2011, 191, 46-54.	1.1	136
12	The effect of progesterone on the spontaneous interictal spike evoked by the application of penicillin to the cat's cerebral cortex. <i>Journal of the Neurological Sciences</i> , 1978, 36, 119-133.	0.3	133
13	Reduced benzodiazepine sensitivity in patients with premenstrual syndrome: A pilot study. <i>Psychoneuroendocrinology</i> , 1997, 22, 25-38.	1.3	118
14	Patients with Premenstrual Syndrome Have Reduced Sensitivity to Midazolam Compared to Control Subjects. <i>Neuropsychopharmacology</i> , 1997, 17, 370-381.	2.8	114
15	How Progesterone Impairs Memory for Biologically Salient Stimuli in Healthy Young Women. <i>Journal of Neuroscience</i> , 2007, 27, 11416-11423.	1.7	112
16	Prevalence of menstrual cycle symptom cyclicality and premenstrual dysphoric disorder in a random sample of women using and not using oral contraceptives. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2000, 79, 405-413.	1.3	98
17	Spontaneous anovulation causing disappearance of cyclical symptoms in women with the premenstrual syndrome. <i>European Journal of Endocrinology</i> , 1991, 125, 132-137.	1.9	91
18	Oral contraceptives in premenstrual syndrome: A randomized comparison of triphasic and monophasic preparations. <i>Contraception</i> , 1992, 46, 253-268.	0.8	83

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19	The Anaesthetic Potency of 3 $\beta$ -Hydroxy-5 $\alpha$ -pregnan-20-one and 3 $\beta$ -Hydroxy-5 $\beta$ -pregnan-20-one Determined with an Intravenous EEG-Threshold Method in Male Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1987, 61, 42-47.	0.0	81
20	Citalopram increases pregnanolone sensitivity in patients with premenstrual syndrome: An open trial. <i>Psychoneuroendocrinology</i> , 1998, 23, 73-88.	1.3	72
21	Effects of GABA active steroids in the female brain with a focus on the premenstrual dysphoric disorder. <i>Journal of Neuroendocrinology</i> , 2018, 30, e12553.	1.2	64
22	Diagnosis of premenstrual tension syndrome: description and evaluation of a procedure for diagnosis and differential diagnosis. <i>Journal of Psychosomatic Obstetrics and Gynaecology</i> , 1989, 10, 25-42.	1.1	61
23	Patients with premenstrual syndrome have decreased saccadic eye velocity compared to control subjects. <i>Biological Psychiatry</i> , 1998, 44, 755-764.	0.7	61
24	Endocrinological aspects of cyclical mood changes during the menstrual cycle or the premenstrual syndrome. <i>Journal of Psychosomatic Obstetrics and Gynaecology</i> , 1983, 2, 8-20.	1.1	52
25	The inhibitory effects of allopregnanolone and pregnanolone on the population spike, evoked in the rat hippocampal CA1 stratum pyramidale in vitro, can be blocked selectively by epiallopregnanolone. <i>Acta Physiologica Scandinavica</i> , 2000, 169, 333-341.	2.3	49
26	Evaluation and comparison of the pharmacokinetic and pharmacodynamic properties of allopregnanolone and pregnanolone at induction of anaesthesia in the male rat. <i>British Journal of Anaesthesia</i> , 2001, 86, 403-412.	1.5	49
27	Rapid non-genomic effect of glucocorticoid metabolites and neurosteroids on the $\beta$ -aminobutyric acid-A receptor. <i>European Journal of Neuroscience</i> , 2005, 21, 2083-2088.	1.2	48
28	The impact of different doses of medroxyprogesterone acetate on mood symptoms in sequential hormonal therapy. <i>Gynecological Endocrinology</i> , 2002, 16, 1-8.	0.7	46
29	Regional distribution of progesterone and 5 $\beta$ -pregnane-3,20-dione in rat brain during progesterone-induced anaesthesia. <i>Psychoneuroendocrinology</i> , 1990, 15, 159-162.	1.3	42
30	Neurosteroid modulation of allopregnanolone and GABA effect on the GABA-A receptor. <i>Neuroscience</i> , 2006, 143, 73-81.	1.1	42
31	Effects in vitro of progesterone and two 5 $\beta$ -reduced progestins, 5 $\beta$ -pregnane-3,20-dione and 5 $\beta$ -pregnane-3 $\beta$ -ol-20-one, on contracting human myometrium at term. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 1992, 71, 28-33.	1.3	36
32	Oral progesterone decreases saccadic eye velocity and increases sedation in women. <i>Psychoneuroendocrinology</i> , 2006, 31, 1190-1199.	1.3	33
33	Interaction between 3 $\beta$ -Hydroxy-5 $\alpha$ -pregnan-20-one and carbachol in the control of neuronal excitability in hippocampal slices of female rats in defined phases of the oestrus. <i>Acta Physiologica Scandinavica</i> , 1998, 162, 77-88.	2.3	30
34	Myometrial steroid concentration and oxytocin receptor density in parturient women at term. <i>Steroids</i> , 1996, 61, 338-344.	0.8	28
35	Premenstrual Syndrome – Psychiatric or Gynaecological Disorder?. <i>Annals of Medicine</i> , 1991, 23, 625-633.	1.5	26
36	A randomized, double-blind study on efficacy and safety of sepranolone in premenstrual dysphoric disorder. <i>Psychoneuroendocrinology</i> , 2021, 133, 105426.	1.3	26

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37	Pharmacokinetics of progesterone and its metabolites allopregnanolone and pregnanolone after oral administration of low-dose progesterone. <i>Maturitas</i> , 2006, 54, 238-244.	1.0	22
38	GABAA Receptor-Modulating Steroids in Relation to Women's Behavioral Health. <i>Current Psychiatry Reports</i> , 2015, 17, 92.	2.1	21
39	Allopregnanolone involvement in feeding regulation, overeating and obesity. <i>Frontiers in Neuroendocrinology</i> , 2018, 48, 70-77.	2.5	21
40	Positive GABA <sub>A</sub> receptor modulating steroids and their antagonists: Implications for clinical treatments. <i>Journal of Neuroendocrinology</i> , 2022, 34, e13013.	1.2	21
41	Isoallopregnanolone reduces tic-like behaviours in the D1 CT <sup>Cre</sup> mouse model of Tourette syndrome. <i>Journal of Neuroendocrinology</i> , 2020, 32, e12754.	1.2	19
42	Effect of hysterectomy on pain in women with endometriosis: a population-based registry study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2020, 127, 1628-1635.	1.1	19
43	Allopregnanolone induces a diurnally dependent hyperphagic effect and alters feeding latency and duration in male Wistar rats. <i>Acta Physiologica</i> , 2013, 208, 400-409.	1.8	18
44	High progesterone is related to effective human labor: Study of serum progesterone and 5 $\alpha$ -pregnane-3,20-dione in normal and abnormal deliveries. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 1997, 76, 423-430.	1.3	16
45	Pregnenolone sulphate and Zn <sup>2+</sup> inhibit recombinant rat GABA <sub>A</sub> receptor through different channel property. <i>Acta Physiologica</i> , 2006, 188, 153-162.	1.8	14
46	Steroids in Relation to Epilepsy and Anaesthesia. <i>Novartis Foundation Symposium</i> , 1990, 153, 225-239.	1.2	14
47	The effects of allopregnanolone, pregnenolone sulphate and pregnenolone on the CA1 population spike of the rat hippocampus after 17 $\beta$ -oestradiol priming. <i>Acta Physiologica Scandinavica</i> , 1997, 159, 343-344.	2.3	13
48	The impact of different doses of medroxyprogesterone acetate on mood symptoms in sequential hormonal therapy. <i>Gynecological Endocrinology</i> , 2002, 16, 1-8.	0.7	13
49	GABA-A receptor modulating steroids in acute and chronic stress; relevance for cognition and dementia?. <i>Neurobiology of Stress</i> , 2020, 12, 100206.	1.9	11
50	Repeated allopregnanolone exposure induces weight gain in schedule fed rats on high fat diet. <i>Physiology and Behavior</i> , 2015, 140, 1-7.	1.0	9
51	Acute intermittent porphyria symptoms during the menstrual cycle. <i>Internal Medicine Journal</i> , 2015, 45, 725-731.	0.5	7
52	Medroxyprogesterone acetate positively modulates specific GABA <sub>A</sub> -receptor subtypes - affecting memory and cognition. <i>Psychoneuroendocrinology</i> , 2022, 141, 105754.	1.3	5
53	Neurosteroid involvement in threatened preterm labour. <i>Endocrinology, Diabetes and Metabolism</i> , 2021, 4, e00216.	1.0	2