

CITATION REPORT

List of articles citing

Role of brain allopregnanolone in the plasticity of gamma-aminobutyric acid type A receptor in rat brain during pregnancy and after delivery

DOI: 10.1073/pnas.95.22.13284

Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 13284-9.

Source: <https://exaly.com/paper-pdf/29521698/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
364	Stress and neurosteroids in adult and aged rats. 1998 , 33, 697-712		65
363	Neuroactive steroids and the constraint of memory. <i>European Journal of Neuroscience</i> , 1999 , 11, 4081-8	3.5	6
362	2-Phenyl-imidazo[1,2-a]pyridine derivatives as ligands for peripheral benzodiazepine receptors: stimulation of neurosteroid synthesis and anticonflict action in rats. 1999 , 127, 177-87		82
361	Physiological modulation of GABA(A) receptor plasticity by progesterone metabolites. 1999 , 375, 225-35		112
360	Bibliography Current World Literature. 2000 , 7, B89-B132		
359	Current World Literature. 2000 , 3, 73-85		1
358	Progesterone regulation of GABAA receptor plasticity in adult rat supraoptic nucleus. <i>European Journal of Neuroscience</i> , 2000 , 12, 1617-23	3.5	32
357	Rescue of gamma2 subunit-deficient mice by transgenic overexpression of the GABAA receptor gamma2S or gamma2L subunit isoforms. <i>European Journal of Neuroscience</i> , 2000 , 12, 2639-43	3.5	32
356	Caffeine-induced increases in the brain and plasma concentrations of neuroactive steroids in the rat. 2000 , 66, 39-45		38
355	Central allopregnanolone is increased in rat pups in response to repeated, short episodes of neonatal isolation. 2000 , 124, 133-6		47
354	3alpha-hydroxy-5alpha-pregnan-20-one exposure reduces GABA(A) receptor alpha4 subunit mRNA levels. 2000 , 409, R1-2		26
353	Neurosteroids: biosynthesis and function of these novel neuromodulators. <i>Frontiers in Neuroendocrinology</i> , 2000 , 21, 1-56	8.9	675
352	Neuroactive steroid 3alpha-hydroxy-5alpha-pregnan-20-one modulates electrophysiological and behavioral actions of ethanol. 2000 , 20, 1982-9		273
351	Long-term plasticity of postsynaptic GABAA-receptor function in the adult brain: insights from the oxytocin neurone. 2000 , 23, 190-5		88
350	Regional variations in the effects of chronic ethanol administration on GABA(A) receptor expression: potential mechanisms. 2000 , 37, 453-61		47
349	Brain allopregnanolone regulates the potency of the GABA(A) receptor agonist muscimol. <i>Neuropharmacology</i> , 2000 , 39, 440-8	5.5	108
348	Brain preparations for maternity--adaptive changes in behavioral and neuroendocrine systems during pregnancy and lactation. An overview. 2001 , 133, 1-38		139

347	Allopregnanolone levels and reactivity to mental stress in premenstrual dysphoric disorder. 2001 , 49, 788-97	209
346	Effect of finasteride on behavioural arousal and somatosensory evoked potentials in fetal sheep. 2001 , 306, 13-6	34
345	Biosynthesis and action of neurosteroids. 2001 , 37, 3-12	242
344	Role of allopregnanolone in regulation of GABA(A) receptor plasticity during long-term exposure to and withdrawal from progesterone. 2001 , 37, 81-90	66
343	The socially-isolated mouse: a model to study the putative role of allopregnanolone and 5alpha-dihydroprogesterone in psychiatric disorders. 2001 , 37, 110-5	147
342	Increase in expression of the GABA(A) receptor alpha(4) subunit gene induced by withdrawal of, but not by long-term treatment with, benzodiazepine full or partial agonists. 2001 , 92, 138-48	45
341	Anxiolytic effect of Kami-Shoyo-San (TJ-24) in mice: possible mediation of neurosteroid synthesis. 2001 , 69, 2167-77	43
340	Subunit-specific modulation of glycine receptors by neurosteroids. <i>Neuropharmacology</i> , 2001 , 41, 369-76.5	69
339	Stress and neuroactive steroids. 2001 , 46, 243-72	181
338	Effect of 5 alpha-pregnan-3 alpha-ol-20-one on nitric oxide biosynthesis and plasma volume in rats. 2001 , 280, R1902-5	10
337	The endocrine system, vertigo and balance. 2001 , 14, 27-34	33
336	The interaction between ethanol and pregnanolone at induction of anaesthesia investigated with a threshold method in male rats. 2001 , 134, 1393-402	6
335	Antidepressant-like actions of pregnancy, and progesterone in Wistar rats forced to swim. 2001 , 26, 479-91	47
334	Physiological roles for the neurosteroid allopregnanolone in the modulation of brain function during pregnancy and parturition. 2001 , 133, 39-47	35
333	Regulation of uterine gamma-aminobutyric acid(A) receptor subunit expression throughout pregnancy. 2001 , 142, 1770-7	31
332	GABAA-receptor plasticity during long-term exposure to and withdrawal from progesterone. 2001 , 46, 207-41	31
331	Brain 5alpha-dihydroprogesterone and allopregnanolone synthesis in a mouse model of protracted social isolation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 2849-54	11.5 227
330	Transcriptional regulation of the mouse steroid 5alpha-reductase type II gene by progesterone in brain. 2002 , 30, 1387-93	44

329	Neuroactive steroid mechanisms and GABA type A receptor subunit assembly in hypothalamic and extrahypothalamic regions. 2002 , 214, 63-101		4
328	Changes in GABA(A) receptor gene expression induced by withdrawal of, but not by long-term exposure to, ganaxolone in cultured rat cerebellar granule cells. 2002 , 303, 1014-20		21
327	Progesterone: Synthesis, Metabolism, Mechanisms of Action, and Effects in the Nervous System. 2002 , 683-745		10
326	Changes in GABAA receptor gamma 2 subunit gene expression induced by long-term administration of oral contraceptives in rats. <i>Neuropharmacology</i> , 2002 , 42, 325-36	5.5	71
325	Neurosteroids: biochemistry and clinical significance. 2002 , 13, 35-43		419
324	A rapid method for obtaining finasteride, a 5alpha-reductase inhibitor, from commercial tablets. 2002 , 9, 130-4		11
323	Female Wistar rats tested during late proestrus or during pregnancy and ovariectomized rats tested after receiving progesterone or allopregnanolone displayed reduced conflict behavior. 2002 , 26, 839-44		8
322	Allopregnanolone attenuates N-methyl-D-aspartate-induced excitotoxicity and apoptosis in the human NT2 cell line in culture. 2002 , 328, 33-6		79
321	Allopregnanolone enhancement of GABAergic transmission in rat medial preoptic area neurons. 2002 , 283, E1257-65		21
320	Depletion of cortical allopregnanolone potentiates stress-induced increase in cortical dopamine output. <i>Brain Research</i> , 2002 , 932, 135-9	3.7	43
319	The neurosteroid 3 alpha-hydroxy-5 alpha-pregnan-20-one affects dopamine-mediated behavior in rodents. 2002 , 161, 120-8		27
318	Alteration of voluntary ethanol and saccharin consumption by the neurosteroid allopregnanolone in mice. 2002 , 162, 438-47		62
317	Social isolation-induced decreases in both the abundance of neuroactive steroids and GABA(A) receptor function in rat brain. 2000 , 75, 732-40		242
316	Progesterone enhances ethanol-induced modulation of mesocortical dopamine neurons: antagonism by finasteride. 2002 , 83, 1103-9		42
315	Neurosteroid withdrawal model of perimenstrual catamenial epilepsy. 2001 , 42, 328-36		115
314	Conditional regulation of neurosteroid sensitivity of GABAA receptors. 2003 , 1007, 29-36		47
313	Pathogenesis in menstrual cycle-linked CNS disorders. 2003 , 1007, 42-53		111
312	GABA receptors, progesterone and premenstrual dysphoric disorder. 2003 , 6, 23-41		86

311	Neuroactive steroids: mechanisms of action and neuropsychopharmacological properties. 2003 , 28, 139-68	331
310	Neurosteroid consumption has anxiolytic effects in mice. 2003 , 76, 451-62	30
309	GABA(A) alpha1 and alpha2 receptor subunit expression in rostral ventrolateral medulla in nonpregnant and pregnant rats. <i>Brain Research</i> , 2003 , 975, 196-206	3.7 16
308	Neuroactive steroid 3 alpha-hydroxy-5 alpha-pregnan-20-one modulates ethanol-induced loss of righting reflex in rats. <i>Brain Research</i> , 2003 , 980, 255-65	3.7 77
307	The magnocellular oxytocin system, the fount of maternity: adaptations in pregnancy. <i>Frontiers in Neuroendocrinology</i> , 2003 , 24, 27-61	8.9 205
306	Nicotine-induced changes in cerebrocortical neuroactive steroids and plasma corticosterone concentrations in the rat. 2003 , 74, 683-90	54
305	Finasteride inhibits the progesterone-induced spike-wave discharges in a genetic model of absence epilepsy. 2003 , 75, 889-94	21
304	Formation and plasticity of GABAergic synapses: physiological mechanisms and pathophysiological implications. 2003 , 98, 299-323	268
303	Comparison of the effects of allopregnanolone with direct GABAergic agonists on ethanol self-administration with and without concurrently available sucrose. 2003 , 30, 1-7	103
302	Allopregnanolone serum levels and expression of 5 alpha-reductase and 3 alpha-hydroxysteroid dehydrogenase isoforms in hippocampal and temporal cortex of patients with epilepsy. 2003 , 54, 11-9	46
301	Steroid-sensitive GABAA receptors in the fetal sheep brain. <i>Neuropharmacology</i> , 2003 , 45, 461-72	5.5 14
300	Molecular mechanisms of tolerance to and withdrawal of GABA(A) receptor modulators. 2003 , 13, 411-23	33
299	Is there a physiological role for the neurosteroid THDOC in stress-sensitive conditions?. 2003 , 24, 103-6	101
298	Hormone replacement therapy in climacteric and aging brain. 2003 , 17, 363-78	
297	The Neurobiology of Parental Behavior. 2003 ,	2
296	Anxiogenic effects of neurosteroid exposure: sex differences and altered GABAA receptor pharmacology in adult rats. 2003 , 305, 541-8	91
295	Differential regulation of steroid 5alpha-reductase isozymes expression by androgens in the adult rat brain. 2003 , 17, 1428-33	84
294	Gamma-hydroxybutyric acid and diazepam antagonize a rapid increase in GABA(A) receptors alpha(4) subunit mRNA abundance induced by ethanol withdrawal in cerebellar granule cells. 2003 , 63, 896-907	43

293	Induced panic attacks shift gamma-aminobutyric acid type A receptor modulatory neuroactive steroid composition in patients with panic disorder: preliminary results. 2003 , 60, 161-8	112
292	Changes in 5alpha-pregnane steroids and neurosteroidogenic enzyme expression in fetal sheep with umbilicoplacental embolization. 2003 , 54, 840-7	36
291	Oxytocin regulates neurosteroid modulation of GABA(A) receptors in supraoptic nucleus around parturition. 2003 , 23, 788-97	108
290	Modulation of the firing activity of female dorsal raphe nucleus serotonergic neurons by neuroactive steroids. 2004 , 182, 11-21	37
289	Production of 5alpha-reduced neurosteroids is developmentally regulated and shapes GABA(A) miniature IPSCs in lamina II of the spinal cord. 2004 , 24, 907-15	82
288	Brain steroidogenesis mediates ethanol modulation of GABAA receptor activity in rat hippocampus. 2004 , 24, 6521-30	181
287	Increased expression of the gene for the Y1 receptor of neuropeptide Y in the amygdala and paraventricular nucleus of Y1R/LacZ transgenic mice in response to restraint stress. 2004 , 89, 1471-8	21
286	Niemann-Pick type C disease involves disrupted neurosteroidogenesis and responds to allopregnanolone. 2004 , 10, 704-11	320
285	Increased allopregnanolone levels in the fetal sheep brain following umbilical cord occlusion. 2004 , 560, 593-602	44
284	Interaction of chronic ethanol exposure and finasteride: sex and strain differences. 2004 , 78, 435-43	26
283	The role of pregnane neurosteroids in ethanol withdrawal: behavioral genetic approaches. 2004 , 101, 91-112	76
282	GABAA receptors: building the bridge between subunit mRNAs, their promoters, and cognate transcription factors. 2004 , 101, 259-81	86
281	Inhibition by miltirone of up-regulation of GABAA receptor alpha4 subunit mRNA by ethanol withdrawal in hippocampal neurons. 2004 , 494, 83-90	23
280	Modulation of GABA(A) receptor gene expression by allopregnanolone and ethanol. 2004 , 500, 413-25	44
279	Influence of 17beta-estradiol on the synthesis of reduced neurosteroids in the brain (in vivo) and in glioma cells (in vitro): possible relevance to mental disorders in women. <i>Brain Research</i> , 2004 , 1020, 167-72	15
278	Essentiality of central GABAergic neuroactive steroid allopregnanolone for anticonvulsant action of fluoxetine against pentylenetetrazole-induced seizures in mice. <i>Brain Research</i> , 2004 , 1023, 102-11	3-7 32
277	Disinhibition of maternal behavior following neurotoxic lesions of the hypothalamus in primigravid rats. <i>Brain Research</i> , 2004 , 1025, 51-8	3-7 21
276	Changes in expression of the neuropeptide Y Y1 receptor gene in the medial amygdala of transgenic mice during pregnancy and after delivery. 2002 , 82, 1272-81	9

275	Down-regulation of rat brain adenosine A1 receptors at the end of pregnancy. 2004 , 88, 993-1002		17
274	Role of neurosteroids in catamenial epilepsy. 2004 , 62, 99-118		108
273	Quantitation of mRNA levels of steroid 5alpha-reductase isozymes in the rat brain by "one-step" RT-PCR and capillary electrophoresis. 2004 , 135, 211-6		2
272	Quantitation of mRNA levels of steroid 5 alpha-reductase isoenzymes in the rat brain by "one-step" RT-PCR and capillary electrophoresis. 2004 , 136, 105-10		6
271	Chronic intermittent ethanol (CIE) administration in rats decreases levels of neurosteroids in hippocampus, accompanied by altered behavioral responses to neurosteroids and memory function. <i>Neuropharmacology</i> , 2004 , 46, 570-9	5.5	82
270	Sex differences in the effect of ethanol injection and consumption on brain allopregnanolone levels in C57BL/6 mice. 2004 , 123, 813-9		74
269	Allosteric modulation of glycine receptors is more efficacious for partial rather than full agonists. 2004 , 44, 521-7		7
268	Social isolation increases the response of peripheral benzodiazepine receptors in the rat. 2004 , 45, 141-8		18
267	Neurosteroids and neuroactive drugs in mental disorders. 2004 , 74, 3181-97		53
266	Neuroactive steroids. 2005 , 15, 545-560		
265	Treatment with and withdrawal from finasteride alter ethanol intake patterns in male C57BL/6J mice: potential role of endogenous neurosteroids?. 2005 , 37, 23-33		52
264	Distinct patterns of expression and regulation of GABA receptors containing the delta subunit in cerebellar granule and hippocampal neurons. 2005 , 94, 659-71		30
263	Effects of intrahippocampal nicotine and neurosteroid administration on withdrawal in voluntary and chronic alcohol-drinking rats. 2005 , 29, 1654-63		17
262	Neurosteroid modulators of GABA(A) receptors differentially modulate Ethanol intake patterns in male C57BL/6J mice. 2005 , 29, 1630-40		74
261	Rapid non-genomic effect of glucocorticoid metabolites and neurosteroids on the gamma-aminobutyric acid-A receptor. <i>European Journal of Neuroscience</i> , 2005 , 21, 2083-8	3.5	43
260	Systemic ethanol administration elevates deoxycorticosterone levels and chronic ethanol exposure attenuates this response. <i>Brain Research</i> , 2005 , 1049, 104-11	3.7	29
259	Antidepressant-like actions of intra-accumbens infusions of allopregnanolone in ovariectomized Wistar rats. 2005 , 80, 401-9		34
258	Diversity of ovarian steroid signaling in the hypothalamus. <i>Frontiers in Neuroendocrinology</i> , 2005 , 26, 65-84	8.9	89

257	Cortical 3 alpha-hydroxy-5 alpha-pregnan-20-one levels after acute administration of Delta 9-tetrahydrocannabinol, cocaine and morphine. 2005 , 179, 544-50		25
256	Termination of pseudopregnancy in the rat alters the response to progesterone, chlordiazepoxide, and MK-801 in the elevated plus-maze. 2005 , 180, 447-54		6
255	3alpha-reduced neuroactive steroids and their precursors during pregnancy and the postpartum period. 2005 , 21, 268-79		80
254	The neurosteroid allopregnanolone promotes proliferation of rodent and human neural progenitor cells and regulates cell-cycle gene and protein expression. 2005 , 25, 4706-18		222
253	Substance P inhibits progesterone conversion to neuroactive metabolites in spinal sensory circuit: a potential component of nociception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 9044-9	11.5	67
252	Nanomolar allopregnanolone potentiates rat cerebellar GABAA receptors. 2005 , 383, 127-30		18
251	Compulsive-like behaviour according to the sex and the reproductive stage of female rats. 2005 , 161, 313-9		19
250	Intrahippocampal nicotine and neurosteroids effects on the anxiety-like behaviour in voluntary and chronic alcohol-drinking rats. 2005 , 164, 117-27		28
249	Neurochemical bases of plasticity in the magnocellular oxytocin system during gestation. 2005 , 196, 210-23		15
248	Experimental anxiety in the black and white model in cycling, pregnant and lactating rats. <i>Physiology and Behavior</i> , 2005 , 84, 279-86	3.5	58
247	Actions at GABA(A) receptors in the hippocampus may mediate some antiseizure effects of progestins. 2005 , 6, 320-7		21
246	Anxiolytic activity of progesterone in progesterone receptor knockout mice. <i>Neuropharmacology</i> , 2005 , 48, 14-24	5.5	122
245	Psychopharmacogenetics. 2006 ,		5
244	Decreased neuroactive steroids induced by combined oral contraceptive pills are not associated with mood changes. 2006 , 85, 1371-8		48
243	Progesterone withdrawal effects in the open field test can be predicted by elevated plus maze performance. 2006 , 50, 208-15		30
242	Finasteride delays the onset of maternal behavior in primigravid rats. <i>Physiology and Behavior</i> , 2006 , 88, 333-8	3.5	17
241	Neuroactive steroids attenuate oxytocin stress responses in late pregnancy. 2006 , 138, 879-89		29
240	Physiological role of adrenal deoxycorticosterone-derived neuroactive steroids in stress-sensitive conditions. 2006 , 138, 911-20		48

239	Tolerance development to Morris water maze test impairments induced by acute allopregnanolone. 2006 , 139, 651-9		33
238	Neurosteroids regulate mouse aggression induced by anabolic androgenic steroids. 2006 , 17, 1537-41		26
237	Neurosteroids involved in regulating inhibition in the inferior colliculus. 2006 , 96, 3064-73		19
236	Social isolation-induced increase in alpha and delta subunit gene expression is associated with a greater efficacy of ethanol on steroidogenesis and GABA receptor function. 2006 , 98, 122-33		51
235	Changes in expression of the delta subunit of the GABA (A) receptor and in receptor function induced by progesterone exposure and withdrawal. 2006 , 99, 321-32		22
234	Ethnic differences in allopregnanolone concentrations in women during rest and following mental stress. 2006 , 43, 331-6		14
233	A new look at the 5alpha-reductase inhibitor finasteride. 2006 , 12, 53-76		125
232	GABA receptor-mediated effects in the peripheral nervous system: A cross-interaction with neuroactive steroids. 2006 , 28, 89-102		53
231	Neurosteroids in nicotine and morphine dependence. 2006 , 186, 281-92		23
230	Neurosteroids, GABAA receptors, and ethanol dependence. 2006 , 186, 267-80		63
229	Action by and sensitivity to neuroactive steroids in menstrual cycle related CNS disorders. 2006 , 186, 388-401		35
228	Fluoxetine and norfluoxetine stereospecifically and selectively increase brain neurosteroid content at doses that are inactive on 5-HT reuptake. 2006 , 186, 362-72		184
227	Preliminary evidence of reduced occipital GABA concentrations in puerperal women: a 1H-MRS study. 2006 , 186, 425-33		93
226	Physiology and gene regulation of the brain NPY Y1 receptor. <i>Frontiers in Neuroendocrinology</i> , 2006 , 27, 308-39	8.9	107
225	Lack of evidence of a role for the neurosteroid allopregnanolone in ethanol-induced reward and c-fos expression in DBA/2 mice. <i>Brain Research</i> , 2006 , 1094, 107-18	3.7	13
224	Role of brain neuroactive steroids in the functional interplay between the GABA(A) and the NPY-Y1 receptor mediated signals in the amygdala. 2006 , 84, 568-80		13
223	The interaction of neuroactive steroids and GABA in the development of neuropsychiatric disorders in women. 2006 , 84, 635-43		56
222	Oral contraceptives and neuroactive steroids. 2006 , 84, 628-34		27

221	Plastic neuronal changes in GABA(A) receptor gene expression induced by progesterone metabolites: in vitro molecular and functional studies. 2006 , 84, 545-54		20
220	Anticipation and consumption of food each increase the concentration of neuroactive steroids in rat brain and plasma. 2006 , 85, 76-81		2
219	The anxiolytic effect of pregnancy in rats is reversed by finasteride. 2006 , 85, 569-74		21
218	Observational study on the stability of the psychological status during normal pregnancy and increased blood levels of neuroactive steroids with GABA-A receptor agonist activity. 2006 , 31, 485-92		38
217	Ovarian steroids counteract serotonergic drugs actions in an animal model of obsessive-compulsive disorder. 2006 , 31, 924-34		24
216	Gonadal hormone modulation of hippocampal neurogenesis in the adult. 2006 , 16, 225-32		190
215	Preclinical analyses of the therapeutic potential of allopregnanolone to promote neurogenesis in vitro and in vivo in transgenic mouse model of Alzheimer's disease. 2006 , 3, 11-7		44
214	Imidazenil and diazepam increase locomotor activity in mice exposed to protracted social isolation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 4275-80	11.5	64
213	Pregnancy increases baroreflex-independent GABAergic inhibition of the RVLM in rats. 2007 , 293, R2295-305		16
212	Insulin resistance and impaired baroreflex gain during pregnancy. 2007 , 292, R2188-95		25
211	Neuroactive Steroids in Anxiety and Stress. 2007 ,		1
210	Steroid modulation of GABAA receptor-mediated transmission in the hypothalamus: effects on reproductive function. <i>Neuropharmacology</i> , 2007 , 52, 1439-53	5.5	56
209	Sex differences in the effect of finasteride on acute ethanol withdrawal severity in C57BL/6J and DBA/2J mice. 2007 , 146, 1302-15		30
208	Social isolation stress and neuroactive steroids. 2007 , 17, 1-11		69
207	Neurosteroid synthesis-mediated regulation of GABA(A) receptors: relevance to the ovarian cycle and stress. 2007 , 27, 2155-62		188
206	Cyclodextrins sequester neuroactive steroids and differentiate mechanisms that rate limit steroid actions. 2007 , 150, 164-75		32
205	A 17beta-derivative of allopregnanolone is a neurosteroid antagonist at a cerebellar subpopulation of GABA A receptors with nanomolar affinity. 2007 , 151, 1078-86		4
204	Flumazenil selectively prevents the increase in alpha(4)-subunit gene expression and an associated change in GABA(A) receptor function induced by ethanol withdrawal. 2007 , 102, 657-66		15

203	Fluctuations in brain concentrations of neurosteroids are not associated to changes in gephyrin levels. <i>Brain Research</i> , 2007 , 1169, 1-8	3.7	13
202	Neurosteroid allopregnanolone mediates anxiolytic effect of etifoxine in rats. <i>Brain Research</i> , 2007 , 1184, 193-201	3.7	36
201	Regulation of anxiety during the postpartum period. <i>Frontiers in Neuroendocrinology</i> , 2007 , 28, 115-41	8.9	150
200	Stress, ethanol, and neuroactive steroids. 2007 , 116, 140-71		62
199	Neurosteroid regulation of central nervous system development. 2007 , 116, 107-24		162
198	Cognitive impairment and increased brain neurosteroids in adult rats perinatally exposed to low millimolar blood alcohol concentrations. 2007 , 32, 931-42		15
197	Investigation of the anticonvulsive effect of acute immobilization stress in anxious Balb/cByJ mice using GABA A-related mechanistic probes. 2008 , 197, 523-34		11
196	Increased expression of the neuropeptide Y receptor Y(1) gene in the medial amygdala of transgenic mice induced by long-term treatment with progesterone or allopregnanolone. 2001 , 79, 417-25		24
195	Attenuated hypothalamo-pituitary-adrenal axis responses to immune challenge during pregnancy: the neurosteroid opioid connection. 2008 , 586, 369-75		44
194	The expectant brain: adapting for motherhood. 2008 , 9, 11-25		271
193	Reduced serum level of THDOC, an anticonvulsant steroid, in women with perimenstrual catamenial epilepsy. 2008 , 49, 1221-9		45
192	Modulation of neuropeptide Y and Y1 receptor expression in the amygdala by fluctuations in the brain content of neuroactive steroids during ethanol drinking discontinuation in Y1R/LacZ transgenic mice. 2008 , 104, 1043-54		13
191	Neuroactive steroids and GABAA receptor plasticity in the brain of the WAG/Rij rat, a model of absence epilepsy. 2008 , 106, 2502-14		16
190	Adaptive responses of the maternal hypothalamic-pituitary-adrenal axis during pregnancy and lactation. <i>Journal of Neuroendocrinology</i> , 2008 , 20, 764-76	3.8	194
189	Changes in lateral septal nucleus neuron firing rate and coping with forced swim during gestation in the Wistar rat. 2008 , 76, 1219-1225		2
188	Changes in neuroactive steroid content during social isolation stress modulate GABAA receptor plasticity and function. 2008 , 57, 520-30		39
187	GABA(A)R plasticity during pregnancy: relevance to postpartum depression. 2008 , 59, 207-13		279
186	Ethanol intake patterns in female mice: influence of allopregnanolone and the inhibition of its synthesis. 2008 , 97, 73-85		24

185	Age dependence of primary motor cortex plasticity induced by paired associative stimulation. 2008 , 119, 675-682	89
184	Brain allopregnanolone in the fetal and postnatal rat in response to uteroplacental insufficiency. 2008 , 88, 287-92	12
183	Neuroactive Steroids in Brain Function, Behavior and Neuropsychiatric Disorders. 2008 ,	1
182	Estrous cycle, pregnancy, and parity enhance performance of rats in object recognition or object placement tasks. 2008 , 136, 105-15	88
181	Keeping oxytocin neurons under control during stress in pregnancy. 2008 , 170, 365-77	17
180	Antipsychotic-like properties of 5-alpha-reductase inhibitors. 2008 , 33, 3146-56	58
179	Bringing Forth the Next Generation and the Next. 2008 , 201-223	1
178	Neuroactive Steroids and the GABAA Receptor. 2009 , 1561-1580	
177	Transmitters and Modulators in Health and Disease. 2009 ,	
176	Excitability changes related to GABAA receptor plasticity during pregnancy. 2009 , 29, 9592-601	97
175	GABA(A) receptor function and gene expression during pregnancy and postpartum. 2009 , 85, 73-94	16
174	Central opioid inhibition of neuroendocrine stress responses in pregnancy in the rat is induced by the neurosteroid allopregnanolone. 2009 , 29, 6449-60	99
173	Changes in expression and function of extrasynaptic GABAA receptors in the rat hippocampus during pregnancy and after delivery. 2009 , 29, 1755-65	75
172	Plasticity and function of extrasynaptic GABA(A) receptors during pregnancy and after delivery. 2009 , 34 Suppl 1, S74-83	25
171	Steroid hormone fluctuations and GABA(A)R plasticity. 2009 , 34 Suppl 1, S84-90	92
170	The role of neurosteroids in the pathophysiology and treatment of catamenial epilepsy. 2009 , 85, 1-30	121
169	Neurosteroids From Basic Research to Clinical Perspectives. 2009 , 2709-2747	2
168	Simultaneous quantification of GABAergic 3alpha,5alpha/3alpha,5beta neuroactive steroids in human and rat serum. 2009 , 74, 463-73	55

167	Neuroactive steroids inhibit spinal reflex potentiation by selectively enhancing specific spinal GABA(A) receptor subtypes. 2009 , 143, 12-20		38
166	Withdrawal effects from progesterone and estradiol relate to individual risk-taking and explorative behavior in female rats. <i>Physiology and Behavior</i> , 2009 , 96, 91-7	3.5	23
165	Progestogens influence cognitive processes in aging. 2009 , 1, 1215-31		5
164	Nitric oxide synthase activity and expression are decreased in the paraventricular nucleus of pregnant rats. <i>Brain Research</i> , 2009 , 1251, 140-50	3.7	26
163	Progesterone: Synthesis, Metabolism, Mechanisms of Action, and Effects in the Nervous System. An Overview. 2009 , 1505-1561		1
162	Donna, ormoni e cervello. 2009 , 28, 4-5		
161	Endocrine induced changes in brain function during pregnancy. <i>Brain Research</i> , 2010 , 1364, 198-215	3.7	77
160	Differential effects of ethanol on serum GABAergic 3alpha,5alpha/3alpha,5beta neuroactive steroids in mice, rats, cynomolgus monkeys, and humans. 2010 , 34, 432-42		47
159	Neonatal exposure to estradiol in rats influences neuroactive steroid concentrations, GABAA receptor expression, and behavioral sensitivity to anxiolytic drugs. 2010 , 113, 1285-95		24
158	Resetting the dynamic range of hypothalamic-pituitary-adrenal axis stress responses through pregnancy. <i>Journal of Neuroendocrinology</i> , 2010 , 22, 1198-213	3.8	33
157	Neurosteroid biosynthetic pathway changes in substantia nigra and caudate nucleus in Parkinson's disease. 2010 , 20, 945-51		46
156	Pregnancy and the endocrine regulation of the baroreceptor reflex. 2010 , 299, R439-51		41
155	Acute neurosteroids inhibit the spinal reflex potentiation via GABAergic neurotransmission. 2010 , 299, F43-8		7
154	Progesterone and maternal aggressive behavior in rats. 2010 , 212, 84-9		22
153	Neurosteroid withdrawal regulates GABA-A receptor α -subunit expression and seizure susceptibility by activation of progesterone receptor-independent early growth response factor-3 pathway. 2010 , 170, 865-80		63
152	Neurosteroids: endogenous role in the human brain and therapeutic potentials. 2010 , 186, 113-37		367
151	Role of anticonvulsant and antiepileptogenic neurosteroids in the pathophysiology and treatment of epilepsy. <i>Frontiers in Endocrinology</i> , 2011 , 2, 38	5.7	56
150	Juvenile offspring of rats exposed to restraint stress in late gestation have impaired cognitive performance and dysregulated progesterone formation. 2011 , 14, 23-32		35

149	Autoradiographic analysis of GABAA receptor binding in the neural anxiety network of postpartum and non-postpartum laboratory rats. 2011 , 86, 60-4		8
148	Neurosteroid modulation of arterial baroreflex function in the rostral ventrolateral medulla. 2011 , 161, 28-33		7
147	Interaction between early postnatal neurosteroid manipulations and adult infusion of neurosteroids into CA1 hippocampal region on the open field behaviour. 2011 , 216, 705-11		10
146	Prenatal Stress Alters Progesterones to Mediate Susceptibility to Sex-Typical, Stress-Sensitive Disorders, such as Drug Abuse: A Review. 2011 , 2, 52		11
145	Neurosteroids and GABA-A Receptor Function. <i>Frontiers in Endocrinology</i> , 2011 , 2, 44	5.7	86
144	Inhibition of 5 β -reductase activity in late pregnancy decreases gestational length and fecundity and impairs object memory and central progesterone milieu of juvenile rat offspring. <i>Journal of Neuroendocrinology</i> , 2011 , 23, 1079-90	3.8	26
143	Tolerance to allopregnanolone with focus on the GABA-A receptor. 2011 , 162, 311-27		63
142	The GABAergic deficit hypothesis of major depressive disorder. 2011 , 16, 383-406		515
141	Differential effects of two major neurosteroids on cerebellar and cortical GABA(A) receptor binding and function. 2011 , 650, 94-101		2
140	Gestational exposure to variable stressors produces decrements in cognitive and neural development of juvenile male and female rats. 2011 , 11, 1706-13		19
139	Neurosteroids in clinical practice: implications for women's health. 2011 , 7, 413-23		
138	Neurosteroids for a successful pregnancy. 2011 , 14, 1-5		12
137	Allopregnanolone and suppressed hypothalamo-pituitary-adrenal axis stress responses in late pregnancy in the rat. 2011 , 14, 6-12		37
136	Neurosteroid modulation of benzodiazepine-sensitive GABAA tonic inhibition in supraoptic magnocellular neurons. 2011 , 300, R1578-87		13
135	Allopregnanolone increases the number of dopaminergic neurons in substantia nigra of a triple transgenic mouse model of Alzheimer's disease. 2012 , 9, 473-80		34
134	GABA and Schizophrenia. 2012 , 425-467		3
133	Impacts of Female Gonadal Hormones on Pelvic Organ-related Neural Plasticity. 2012 , 4, 313-316		
132	TRACE ELEMENTS DISTRIBUTION IN THE BRAIN OF STRESSED RATS. 2012 , 3, 79-86		

131	Effect of maternal administration of allopregnanolone before birth asphyxia on neonatal hippocampal function in the spiny mouse. <i>Brain Research</i> , 2012 , 1433, 9-19	3.7	10
130	Allopregnanolone and induction of endogenous opioid inhibition of oxytocin responses to immune stress in pregnant rats. <i>Journal of Neuroendocrinology</i> , 2012 , 24, 690-700	3.8	25
129	Long-term administration with levonorgestrel decreases allopregnanolone levels and alters GABA(A) receptor subunit expression and anxiety-like behavior. 2012 , 102, 366-72		31
128	Determination of GABA(A α 1) and GABA (B1) receptor subunits expression in tissues of gilts during the late gestation. 2013 , 40, 1377-84		2
127	Neurosteroids and epileptogenesis. <i>Journal of Neuroendocrinology</i> , 2013 , 25, 980-90	3.8	14
126	Neurosteroid interactions with synaptic and extrasynaptic GABA(A) receptors: regulation of subunit plasticity, phasic and tonic inhibition, and neuronal network excitability. 2013 , 230, 151-88		155
125	Advances in neurosteroids: role in clinical practice. 2013 , 16 Suppl 1, 8-17		31
124	A stress steroid triggers anxiety via increased expression of α 1GABAA receptors in methamphetamine dependence. 2013 , 254, 452-75		16
123	Time-dependent modulation of GABA(A)-ergic synaptic transmission by allopregnanolone in locus coeruleus neurons of Mecp2-null mice. 2013 , 305, C1151-60		17
122	Neonatal neurosteroid levels are determinant in shaping adult prepulse inhibition response to hippocampal allopregnanolone in rats. 2013 , 38, 1397-406		16
121	GABAergic neuroactive steroids and resting-state functional connectivity in postpartum depression: a preliminary study. 2013 , 47, 816-28		87
120	GABAergic transmission in temporal lobe epilepsy: the role of neurosteroids. 2013 , 244, 36-42		26
119	Neurosteroid and neurotransmitter alterations in Parkinson's disease. <i>Frontiers in Neuroendocrinology</i> , 2013 , 34, 132-42	8.9	32
118	Changes in neuroactive steroid secretion associated with CO2-induced panic attacks in normal individuals. 2013 , 38, 2234-42		6
117	Neurosteroids and GABAergic signaling in health and disease. 2013 , 4, 29-42		40
116	Allopregnanolone induces a diurnally dependent hyperphagic effect and alters feeding latency and duration in male Wistar rats. 2013 , 208, 400-9		17
115	Estrous cycle regulation of extrasynaptic β -containing GABA(A) receptor-mediated tonic inhibition and limbic epileptogenesis. 2013 , 346, 146-60		64
114	Role of hormones and neurosteroids in epileptogenesis. 2013 , 7, 115		46

113	5- α -GABAA receptors and tonic inhibitory current during adolescence: effects on mood and synaptic plasticity. 2013 , 7, 135		25
112	Altered gamma oscillations during pregnancy through loss of β subunit-containing GABA(A) receptors on parvalbumin interneurons. 2013 , 7, 144		29
111	The impact of tonic GABAA receptor-mediated inhibition on neuronal excitability varies across brain region and cell type. 2014 , 8, 3		126
110	Neonatal finasteride administration alters hippocampal α and β GABAAR subunits expression and behavioural responses to progesterone in adult rats. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 17, 259-73	5.8	15
109	Gene Expression Profiling during Pregnancy in Rat Brain Tissue. 2014 , 4, 125-35		8
108	The role of ovarian hormone-derived neurosteroids on the regulation of GABAA receptors in affective disorders. 2014 , 231, 3333-42		49
107	Revisiting the roles of progesterone and allopregnanolone in the nervous system: resurgence of the progesterone receptors. 2014 , 113, 6-39		236
106	Allopregnanolone in the brain: protecting pregnancy and birth outcomes. 2014 , 113, 106-36		74
105	Animal models of absence epilepsies: what do they model and do sex and sex hormones matter?. 2014 , 72 Pt B, 167-79		38
104	Allopregnanolone modulation of HPA axis function in the adult rat. 2014 , 231, 3437-44		28
103	Characterization of neurosteroid effects on hyperpolarizing current at α GABAA receptors. 2014 , 231, 3525-35		8
102	Decreased allopregnanolone induced by hormonal contraceptives is associated with a reduction in social behavior and sexual motivation in female rats. 2014 , 231, 3351-64		28
101	Divergent neuroactive steroid responses to stress and ethanol in rat and mouse strains: relevance for human studies. 2014 , 231, 3257-72		26
100	5 β -reductase type I expression is downregulated in the prefrontal cortex/Brodmann's area 9 (BA9) of depressed patients. 2014 , 231, 3569-80		61
99	Adrenal steroid hormones and ethanol self-administration in male rhesus macaques. 2014 , 231, 3425-36		18
98	Structure-activity relationship studies on neuroactive steroids in memory, alcohol and stress-related functions: a crucial benefit from endogenous level analysis. 2014 , 231, 3243-55		6
97	Analysis of γ -aminobutyric acid (GABA) type A receptor subtypes using isosteric and allosteric ligands. 2014 , 39, 1924-41		30
96	Emotion and mood adaptations in the peripartum female: complementary contributions of GABA and oxytocin. <i>Journal of Neuroendocrinology</i> , 2014 , 26, 649-64	3.8	55

95	Differences in the reinstatement of ethanol seeking with ganaxolone and gaboxadol. 2014 , 272, 180-7	18
94	Chemical Signaling in Amphibians. 2014 , 275-304	2
93	Chronic Intermittent Ethanol Regulates Hippocampal GABA(A) Receptor Delta Subunit Gene Expression. 2015 , 9, 445	5
92	Plasticity of GABAA Receptors during Pregnancy and Postpartum Period: From Gene to Function. 2015 , 2015, 170435	16
91	Abrupt changes in pentobarbital sensitivity in preBötzing complex region, hypoglossal motor nucleus, nucleus tractus solitarius, and cortex during rat transitional period (P10-P15). 2015 , 207, 61-71	4
90	Allosteric ligands and their binding sites define γ -aminobutyric acid (GABA) type A receptor subtypes. 2015 , 73, 167-202	54
89	Regulation of GABAARs by phosphorylation. 2015 , 72, 97-146	58
88	Maternal Brain Adaptations in Pregnancy. 2015 , 1957-2026	3
87	Expression levels of mRNA for neurosteroidogenic enzymes 17 β HSD, 5 β reductase, 3 β HSD and cytochrome P450 aromatase in the fetal wild type and SF-1 knockout mouse brain. 2015 , 40, 44-8	4
86	A quantitative LC-MS/MS method for the measurement of arachidonic acid, prostanoids, endocannabinoids, N-acylethanolamines and steroids in human plasma. 2015 , 976-977, 6-18	55
85	Altered expression of α 5GABAA receptors in health and disease. <i>Neuropharmacology</i> , 2015 , 88, 24-35	5.5 55
84	Cerebrovascular Pathophysiology in Preeclampsia and Eclampsia. 2015 , 269-290	
83	Social Isolation Blunted the Response of Mesocortical Dopaminergic Neurons to Chronic Ethanol Voluntary Intake. 2016 , 10, 155	5
82	Pregnancy and lactation differentially modify the transcriptional regulation of steroidogenic enzymes through DNA methylation mechanisms in the hippocampus of aged rats. 2016 , 429, 73-83	15
81	Sex and estrous cycle influence diazepam effects on anxiety and memory: Possible role of progesterone. 2016 , 70, 68-76	11
80	Neurosteroidogenesis Today: Novel Targets for Neuroactive Steroid Synthesis and Action and Their Relevance for Translational Research. <i>Journal of Neuroendocrinology</i> , 2016 , 28, 12351	3.8 97
79	Magnocellular Neurons and Posterior Pituitary Function. 2016 , 6, 1701-1741	30
78	Effects of progesterone stimulated allopregnanolone on craving and stress response in cocaine dependent men and women. 2016 , 65, 44-53	37

77	Neurosteroids; potential underpinning roles in maintaining homeostasis. 2016 , 225, 242-250		8
76	Neuroactive steroids and stress axis regulation: Pregnancy and beyond. 2016 , 160, 160-8		30
75	Cellular GABAergic Neuroactive Steroid (3 β ,20-Dihydroxy-Pregnan-20-One (3 β THP) Immunostaining Levels Are Increased in the Ventral Tegmental Area of Human Alcohol Use Disorder Patients: A Postmortem Study. 2017 , 41, 299-311		11
74	Neuroactive steroids and PTSD treatment. 2017 , 649, 156-163		52
73	Neurosteroid biosynthesis down-regulation and changes in GABA receptor subunit composition: a biomarker axis in stress-induced cognitive and emotional impairment. 2017 , 174, 3226-3241		79
72	Juvenile social isolation affects maternal care in rats: involvement of allopregnanolone. 2017 , 234, 2587-2596	6	
71	Pregnenolone does not interfere with the effects of cannabinoids on synaptic transmission in the cerebellum and the nucleus accumbens. 2017 , 123, 51-61		5
70	Neonatal estradiol exposure to female rats changes GABA receptor expression and function, and spatial learning during adulthood. 2017 , 87, 35-46		12
69	The metabolic fate and receptor interaction of 16 β hydroxyprogesterone and its 5 β reduced metabolite, 16 β hydroxy-dihydroprogesterone. 2017 , 441, 86-98		4
68	Preadolescent Adversity Programs a Disrupted Maternal Stress Reactivity in Humans and Mice. 2017 , 81, 693-701		29
67	Cerebellar Changes in Guinea Pig Offspring Following Suppression of Neurosteroid Synthesis During Late Gestation. 2017 , 16, 306-313		7
66	Progesterone: Synthesis, Metabolism, Mechanism of Action, and Effects in the Nervous System. 2017 , 215-244		3
65	Neuroactive Steroids and the GABAA Receptor. 2017 , 245-258		
64	GABA receptor: Positive and negative allosteric modulators. <i>Neuropharmacology</i> , 2018 , 136, 10-22	5.5	132
63	Dynamic Adaptation in Neurosteroid Networks in Response to Alcohol. <i>Handbook of Experimental Pharmacology</i> , 2018 , 248, 55-78	3.2	7
62	Combined effect of gestational stress and postpartum stress on maternal care in rats. <i>Physiology and Behavior</i> , 2018 , 184, 172-178	3.5	3
61	Effect of the allopregnanolone and allotetrahydrodeoxycorticosteron on spike-wave discharges in the EEG of absence epilepsy rat models. <i>General Physiology and Biophysics</i> , 2018 , 37, 205-211	2.1	4
60	Neuroactive Steroids and Perinatal Depression: a Review of Recent Literature. <i>Current Psychiatry Reports</i> , 2018 , 20, 78	9.1	14

59	From Cannabinoids and Neurosteroids to Statins and the Ketogenic Diet: New Therapeutic Avenues in Rett Syndrome?. <i>Frontiers in Neuroscience</i> , 2019 , 13, 680	5.1	6
58	The brain as a target of hormonal contraceptives: Evidence from animal studies. <i>Frontiers in Neuroendocrinology</i> , 2019 , 55, 100799	8.9	9
57	Plasma concentrations of steroid precursors, steroids, neuroactive steroids, and neurosteroids in healthy neonatal foals from birth to 7 days of age. <i>Journal of Veterinary Internal Medicine</i> , 2019 , 33, 2286-2293	21.5	5
56	Enhanced remyelination during late pregnancy: involvement of the GABAergic system. <i>Scientific Reports</i> , 2019 , 9, 7728	4.9	11
55	Sex Differences, Progesterone, and Ischemic Stroke. <i>ISGE Series</i> , 2019 , 209-231	0.2	
54	Sex Steroids' Effects on Brain, Heart and Vessels. <i>ISGE Series</i> , 2019 ,	0.2	
53	Neuroimmunology of the female brain across the lifespan: Plasticity to psychopathology. <i>Brain, Behavior, and Immunity</i> , 2019 , 79, 39-55	16.6	13
52	Influence of Pregnancy on the Inflammatory Process Following Direct Pulp Capping: a Preliminary Study in Rats. <i>Brazilian Dental Journal</i> , 2019 , 30, 22-30	1.9	
51	Giving a good start to a new life via maternal brain allostatic adaptations in pregnancy. <i>Frontiers in Neuroendocrinology</i> , 2019 , 53, 100739	8.9	10
50	The Steroidogenesis Inhibitor Finasteride Reduces the Response to Both Stressful and Rewarding Stimuli. <i>Biomolecules</i> , 2019 , 9,	5.9	10
49	Neuroendocrinology and Adaptive Physiology of Maternal Care. <i>Current Topics in Behavioral Neurosciences</i> , 2019 , 43, 161-210	3.4	6
48	Endogenous opioid signalling in the brain during pregnancy and lactation. <i>Cell and Tissue Research</i> , 2019 , 375, 69-83	4.2	14
47	Pathophysiological mechanisms implicated in postpartum depression. <i>Frontiers in Neuroendocrinology</i> , 2019 , 52, 165-180	8.9	83
46	Neurosteroid regulation of GABA receptors: A role in catamenial epilepsy. <i>Brain Research</i> , 2019 , 1703, 31-40	3.7	27
45	Sex, stress and steroids. <i>European Journal of Neuroscience</i> , 2020 , 52, 2487-2515	3.5	28
44	Temporal changes in the cerebrospinal fluid allopregnanolone concentration and hypothalamic-pituitary-adrenal axis activity in sheep during pregnancy and early lactation. <i>Livestock Science</i> , 2020 , 231, 103871	1.7	5
43	[GABAergic approach of postpartum depression: A translational review of literature]. <i>L'Encephale</i> , 2020 , 46, 123-134	2.9	1
42	Adaptations in autonomic nervous system regulation in normal and hypertensive pregnancy. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2020 , 171, 57-84	3	3

41	The Effect of Allopregnanolone on Enzymatic Activity of the DNA Base Excision Repair Pathway in the Sheep Hippocampus and Amygdala under Natural and Stressful Conditions. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
40	Steroid precursors, steroids, neuroactive steroids, and neurosteroids concentrations in serum and saliva of healthy neonatal heifer Holstein calves. <i>Journal of Veterinary Internal Medicine</i> , 2020 , 34, 2767-2775	3.1	1
39	Intravenous brexanolone for postpartum depression: what it is, how well does it work, and will it be used?. <i>Therapeutic Advances in Psychopharmacology</i> , 2020 , 10, 2045125320968658	4.9	6
38	Allopregnanolone: From molecular pathophysiology to therapeutics. A historical perspective. <i>Neurobiology of Stress</i> , 2020 , 12, 100215	7.6	25
37	Physiopathological role of the enzymatic complex 5 α -reductase and 3 α -hydroxysteroid oxidoreductase in the generation of progesterone and testosterone neuroactive metabolites. <i>Frontiers in Neuroendocrinology</i> , 2020 , 57, 100836	8.9	14
36	Early postnatal allopregnanolone levels alteration and adult behavioral disruption in rats: Implication for drug abuse. <i>Neurobiology of Stress</i> , 2020 , 12, 100208	7.6	2
35	Epigenetic Regulation of GABAergic Neurotransmission and Neurosteroid Biosynthesis in Alcohol Use Disorder. <i>International Journal of Neuropsychopharmacology</i> , 2021 , 24, 130-141	5.8	5
34	Neurosteroid involvement in threatened preterm labour. <i>Endocrinology, Diabetes and Metabolism</i> , 2021 , 4, e00216	2.7	1
33	The Plastic and Functional Changes in Hippocampal Neurons During Pregnancy, Delivery and Postpartum are Reversed by Offspring Deprivation. <i>Current Psychopharmacology</i> , 2021 , 10, 73-83	0.6	
32	Neurodegeneration in Niemann-Pick Type C Disease: An Updated Review on Pharmacological and Non-Pharmacological Approaches to Counteract Brain and Cognitive Impairment. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
31	Allopregnanolone: An overview on its synthesis and effects. <i>Journal of Neuroendocrinology</i> , 2021 , e129968	6.8	5
30	The Interaction between Maternal and Fetal Hypothalamic-Pituitary-Adrenal Axes.		
29	Development and validation of an LC-MS/MS assay for the quantification of allopregnanolone and its progesterone-derived isomers, precursors, and cortisol/cortisone in pregnancy. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 5427-5438	4.4	0
28	Involvement of neurosteroids in the control of hypothalamic-pituitary-adrenal axis activity in pregnant sheep under basal and stressful conditions. <i>Theriogenology</i> , 2021 , 174, 114-120	2.8	0
27	Allopregnanolone Decreases Evoked Dopamine Release Differently in Rats by Sex and Estrous Stage. <i>Frontiers in Pharmacology</i> , 2020 , 11, 608887	5.6	6
26	GABAA Receptors and Disease. <i>Handbook of Experimental Pharmacology</i> , 2001 , 251-270	3.2	1
25	Prenatal resident-intruder stress decreases levels of allopregnanolone in the cortex, hypothalamus, and midbrain of males, and increases levels in the hippocampus and cerebellum of female, juvenile rat offspring. <i>Neurobiology of Stress</i> , 2020 , 12, 100214	7.6	1
24	Brain neurosteroids are natural anxiolytics targeting α subunit Γ aminobutyric acid type-A receptors.		5

23	Brexanolone, a neurosteroid antidepressant, vindicates the GABAergic deficit hypothesis of depression and may foster resilience. <i>F1000Research</i> , 2019 , 8,	3.6	39
22	Vasopressin and oxytocin in control of the cardiovascular system. <i>Current Neuropharmacology</i> , 2013 , 11, 218-30	7.6	52
21	Allopregnanolone, the Neuromodulator Turned Therapeutic Agent: Thank You, Next?. <i>Frontiers in Endocrinology</i> , 2020 , 11, 236	5.7	13
20	Subunit Specificity of Steroid Modulation of GABAA Receptors. <i>Frontiers in Neuroscience</i> , 2003 ,		
19	Neuroactive Steroids: Effects on Cognitive Functions. 2008 , 103-121		
18	Investigation of the anxiolytic effects of Kampo formulation, Kamishoyosan, used for treating menopausal psychotic syndromes in women. 2009 , 183-189		
17	The Role of 3 β -Hydroxy-5 β -Pregnan-20-One in Mediating the Development and/or Expression of Schizophrenia Spectrum Disorders: Findings in Rodents Models and Clinical Populations. 2011 , 367-404		
16	Neurosteroids and Extrasynaptic GABAA Receptors. <i>Receptors</i> , 2014 , 75-84		
15	Cerebrovascular Pathophysiology in Preeclampsia and Eclampsia. 2022 , 265-288		
14	Activation of the α 2L GABA Receptor by Physiological Agonists.. <i>Biomolecules</i> , 2021 , 11,	5.9	
13	Metabolic Alteration Analysis of Steroid Hormones in Niemann-Pick Disease Type C Model Cell Using Liquid Chromatography/Tandem Mass Spectrometry.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
12	Allopregnanolone in Postpartum Depression.. <i>Frontiers in Global Women S Health</i> , 2022 , 3, 823616	8.4	2
11	Neurosteroids and early-life programming: an updated perspective. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2022 , 100367	1.7	
10	GABA System Modifications During Periods of Hormonal Flux Across the Female Lifespan. <i>Frontiers in Behavioral Neuroscience</i> , 16,	3.5	0
9	How hormonal contraceptives shape brain and behavior: A review of preclinical studies. <i>Frontiers in Neuroendocrinology</i> , 2022 , 101017	8.9	0
8	Impact of Sex Steroids on the Stress Response and Welfare in Female Farm Ruminants. 2022 , 1-26		
7	Involvement of neurosteroids in the control of prolactin secretion in sheep under basal, stressful and pregnancy conditions. 2022 , 190, 73-80		
6	The Allopregnanolone Response to Acute Stress in Females: Preclinical and Clinical Studies. 2022 , 12, 1262		0

- 5 Pregnenolone Reduces Stress-Induced Craving, Anxiety, and Autonomic Arousal in Individuals with Cocaine Use Disorder. **2022**, 12, 1593 1
- 4 Neurosteroids (allopregnanolone) and alcohol use disorder: From mechanisms to potential pharmacotherapy. **2022**, 108299 1
- 3 Mood disorders and hormonal status across women's life: a narrative review. 1-9 0
- 2 Involvement of the GABAergic system in PTSD and its therapeutic significance. 16, 0
- 1 Fibromyalgia in Pregnancy: Neuro-Endocrine Fluctuations Provide Insight into Pathophysiology and Neuromodulation Treatment. **2023**, 11, 615 0