

# Cynthia L Bethea

## List of Publications by Year in descending order

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38  
papers

1,596  
citations

361413

20  
h-index

330143

37  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1413  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diverse Actions of Ovarian Steroids in the Serotonin Neural System. <i>Frontiers in Neuroendocrinology</i> , 2002, 23, 41-100.	5.2	418
2	Ovarian Steroid Regulation of 5-HT <sub>1A</sub> Receptor Binding and G protein Activation in Female Monkeys. <i>Neuropsychopharmacology</i> , 2002, 27, 12-24.	5.4	124
3	Estrogen receptor beta (ER $\beta$ ) mRNA and protein in serotonin neurons of macaques. <i>Molecular Brain Research</i> , 2001, 91, 14-22.	2.3	116
4	Anxious Behavior and Fenfluramine-Induced Prolactin Secretion in Young Rhesus Macaques with Different Alleles of the Serotonin Reuptake Transporter Polymorphism (5HTTLPR). <i>Behavior Genetics</i> , 2004, 34, 295-307.	2.1	88
5	Effects of oral estrogen, raloxifene and arzoxifene on gene expression in serotonin neurons of macaques. <i>Psychoneuroendocrinology</i> , 2002, 27, 431-445.	2.7	84
6	Neurobiology of Stress-Induced Reproductive Dysfunction in Female Macaques. <i>Molecular Neurobiology</i> , 2008, 38, 199-230.	4.0	70
7	Protective actions of ovarian hormones in the serotonin system of macaques. <i>Frontiers in Neuroendocrinology</i> , 2009, 30, 212-238.	5.2	63
8	Sensitivity to stress-induced reproductive dysfunction linked to activity of the serotonin system. <i>Fertility and Sterility</i> , 2005, 83, 148-155.	1.0	62
9	Ovarian Steroid Action in the Serotonin Neural System of Macaques. <i>Novartis Foundation Symposium</i> , 2000, 230, 112-133.	1.1	62
10	Differential Expression of Progesterone Receptor Isoforms in the Hypothalamus, Pituitary, and Endometrium of Rhesus Macaques*. <i>Endocrinology</i> , 1998, 139, 677-687.	2.8	53
11	Serotonin neurons derived from rhesus monkey embryonic stem cells: similarities to CNS serotonin neurons. <i>Experimental Neurology</i> , 2004, 188, 351-364.	4.1	39
12	Estradiol increases $\alpha$ 7 nicotinic receptor in serotonergic dorsal raphe and noradrenergic locus coeruleus neurons of macaques. <i>Journal of Comparative Neurology</i> , 2006, 497, 489-501.	1.6	30
13	Preliminary array analysis reveals novel genes regulated by ovarian steroids in the monkey raphe region. <i>Psychopharmacology</i> , 2005, 180, 125-140.	3.1	28
14	Effect of ovarian steroids on gene expression related to synapse assembly in serotonin neurons of macaques. <i>Journal of Neuroscience Research</i> , 2012, 90, 1324-1334.	2.9	28
15	Ovarian steroids increase glutamatergic related gene expression in serotonin neurons of macaques. <i>Molecular and Cellular Neurosciences</i> , 2012, 49, 251-262.	2.2	27
16	Effects of citalopram on serotonin and CRF systems in the midbrain of primates with differences in stress sensitivity. <i>Journal of Chemical Neuroanatomy</i> , 2011, 41, 200-218.	2.1	26
17	Effect of ovarian hormones on survival genes in laser captured serotonin neurons from macaques. <i>Journal of Neurochemistry</i> , 2008, 105, 1129-1143.	3.9	22
18	The effect of short moderate stress on the midbrain corticotropin-releasing factor system in a macaque model of functional hypothalamic amenorrhea. <i>Fertility and Sterility</i> , 2013, 100, 1111-1121.e2.	1.0	22

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19	Characterization of reproductive steroid receptors and response to estrogen in a rat serotonergic cell line. <i>Journal of Neuroscience Methods</i> , 2003, 127, 31-41.	2.5	21
20	Serotonin in microdialysate from the mediobasal hypothalamus increases after progesterone administration to estrogen primed macaques. <i>European Journal of Pharmacology</i> , 2007, 555, 67-75.	3.5	21
21	Effects of aromatase inhibition and androgen activity on serotonin and behavior in male macaques.. <i>Behavioral Neuroscience</i> , 2013, 127, 400-414.	1.2	19
22	Ovarian steroids regulate gene expression in the dorsal raphe of old female macaques. <i>Neurobiology of Aging</i> , 2016, 37, 179-191.	3.1	18
23	The effect of short-term stress on serotonin gene expression in high and low resilient macaques. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 44, 143-153.	4.8	16
24	Nuclear factor kappa B in the dorsal raphe of macaques: Anatomical link for steroids, cytokines and serotonin. <i>Frontiers in Neuroendocrinology</i> , 2006, 27, 105.	5.2	15
25	Ovarian Steroid Treatment Decreases Corticotropin-Releasing Hormone (CRH) mRNA and Protein in the Hypothalamic Paraventricular Nucleus of Ovariectomized Monkeys. <i>Neuropsychopharmacology</i> , 2008, 33, 546-556.	5.4	15
26	Function and innervation of the locus ceruleus in a macaque model of Functional Hypothalamic Amenorrhea. <i>Neurobiology of Disease</i> , 2013, 50, 96-106.	4.4	14
27	Localization and regulation of reproductive steroid receptors in the raphe serotonin system of male macaques. <i>Journal of Chemical Neuroanatomy</i> , 2015, 66-67, 19-27.	2.1	13
28	Estradiol Replacement Timing and Obesogenic Diet Effects on Body Composition and Metabolism in Postmenopausal Macaques. <i>Endocrinology</i> , 2019, 160, 899-914.	2.8	13
29	Expression profile of differentiating serotonin neurons derived from rhesus embryonic stem cells and comparison to adult serotonin neurons. <i>Gene Expression Patterns</i> , 2009, 9, 94-108.	0.8	12
30	Longitudinal Effects of Immediate and Delayed Estradiol on Cognitive Performance in a Spatial Maze and Hippocampal Volume in Menopausal Macaques Under an Obesogenic Diet. <i>Frontiers in Neurology</i> , 2020, 11, 539.	2.4	11
31	Effect of an obesogenic diet on circadian activity and serum hormones in old monkeys. <i>Endocrine Connections</i> , 2017, 6, 380-383.	1.9	10
32	Effects of obesogenic diet and estradiol on dorsal raphe gene expression in old female macaques. <i>PLoS ONE</i> , 2017, 12, e0178788.	2.5	8
33	High fat diet decreases beneficial effects of estrogen on serotonin-related gene expression in marmosets. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 58, 71-80.	4.8	7
34	Progesterone increased $\hat{1}$ -endorphin innervation of the locus coeruleus, but ovarian steroids had no effect on noradrenergic neurodegeneration. <i>Brain Research</i> , 2017, 1663, 1-8.	2.2	7
35	The effect of long-term ovariectomy on midbrain stress systems in free ranging macaques. <i>Brain Research</i> , 2012, 1488, 24-37.	2.2	5
36	Effects of Immediate or Delayed Estradiol on Behavior in Old Menopausal Macaques on Obesogenic Diet. <i>Journal of Obesity</i> , 2018, 2018, 1-13.	2.7	5

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37	Reproductive steroid receptors and actions in the locus coeruleus of male macaques: Part of an aggression circuit?. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 71, 210-222.	4.8	4
38	Preliminary Examination of Olanzapine and Diet Interactions on Metabolism in a Female Macaque. <i>Journal of Endocrinology and Diabetes</i> , 2014, 1, .	0.3	0