Steven M Yellon

List of Publications by Year in Descending Order

98 papers	3,183 citations	33 h-index	52 g-index
100 ext. papers	3,442 ext. citations	4.2 avg, IF	5.17 L-index

#	Paper	IF	Citations
98	Nitric oxide metabolism in the human placenta during aberrant maternal inflammation. *Journal of Physiology*, **2020**, 598, 2223-2241	3.9	10
97	Replens prevents preterm birth by decreasing type I interferon strengthening the cervical epithelial barrier. *American Journal of Reproductive Immunology*, **2020**, 83, e13192	3.8	4
96	Exosomes Cause Preterm Birth in Mice: Evidence for Paracrine Signaling in Pregnancy. *Scientific Reports*, **2019**, 9, 608	4.9	48
95	Cervix Stromal Cells and the Progesterone Receptor A Isoform Mediate Effects of Progesterone for Prepartum Remodeling. *Reproductive Sciences*, **2019**, 26, 690-696	3	6
94	Distinct preterm labor phenotypes have unique inflammatory signatures and contraction associated protein profiles *Biology of Reproduction*, **2019**, 101, 1031-1045	3.9	3
93	Immunobiology of Cervix Ripening. *Frontiers in Immunology*, **2019**, 10, 3156	8.4	27
92	Effects of macrophage depletion on characteristics of cervix remodeling and pregnancy in CD11b-dtr mice. *Biology of Reproduction*, **2019**, 100, 1386-1394	3.9	10
91	Block of Granulocyte-Macrophage Colony-Stimulating Factor Prevents Inflammation-Induced Preterm Birth in a Mouse Model for Parturition. *Reproductive Sciences*, **2019**, 26, 551-559	3	4
90	Vagus nerve stimulation in pregnant rats and effects on inflammatory markers in the brainstem of neonates. *Pediatric Research*, **2018**, 83, 514-519	3.2	5
89	Utility of Optical Density of Picrosirius Red Birefringence for Analysis of Cross-Linked Collagen in Remodeling of the Peripartum Cervix for Parturition **2018**, 1,		6
88	Contributions to the dynamics of cervix remodeling prior to term and preterm birth. *Biology of Reproduction*, **2017**, 96, 13-23	3.9	57
87	Is myometrial inflammation a cause or a consequence of term human labour?. *Journal of Endocrinology*, **2017**, 235, 69-83	4.7	27
86	Progesterone Receptor-Mediated Actions Regulate Remodeling of the Cervix in Preparation for Preterm Parturition. *Reproductive Sciences*, **2016**, 23, 1473-1483	3	30
85	Density of Stromal Cells and Macrophages Associated With Collagen Remodeling in the Human Cervix in Preterm and Term Birth. *Reproductive Sciences*, **2016**, 23, 595-603	3	25
84	Macrophage gene expression associated with remodeling of the prepartum rat cervix: microarray and pathway analyses. *PLoS ONE*, **2015**, 10, e0119782	3.7	19
83	Loss of progesterone receptor-mediated actions induce preterm cellular and structural remodeling of the cervix and premature birth. *PLoS ONE*, **2013**, 8, e81340	3.7	31
82	Residency and activation of myeloid cells during remodeling of the prepartum murine cervix. *Biology of Reproduction*, **2012**, 87, 106	3.9	50

81	Remodeling of the cervix and parturition in mice lacking the progesterone receptor B isoform. *Biology of Reproduction*, **2011**, 85, 498-502	3.9	23
80	Transection of the pelvic or vagus nerve forestalls ripening of the cervix and delays birth in rats. *Biology of Reproduction*, **2011**, 84, 587-94	3.9	24
79	Retrograde tracing of spinal cord connections to the cervix with pregnancy in mice. *Reproduction*, **2010**, 139, 645-53	3.8	6
78	Pregnancy-related changes in connections from the cervix to forebrain and hypothalamus in mice. *Reproduction*, **2010**, 140, 155-64	3.8	5
77	Lifespan daily locomotor activity rhythms in a mouse model of amyloid-induced neuropathology. *Chronobiology International*, **2010**, 27, 1159-77	3.6	23
76	Placental gene expression in a rat model of placental insufficiency. *Placenta*, **2010**, 31, 568-75	3.4	41
75	Medroxyprogesterone acetate modulates remodeling, immune cell census, and nerve fibers in the cervix of a mouse model for inflammation-induced preterm birth. *Reproductive Sciences*, **2009**, 16, 257-64	3	42
74	Cervix remodeling and parturition in the rat: lack of a role for hypogastric innervation. *Reproduction* , **2009**, 137, 739-48	3.8	15
73	Progesterone withdrawal promotes remodeling processes in the nonpregnant mouse cervix. *Biology of Reproduction*, **2009**, 81, 1-6	3.9	33
72	Long-term hypoxia increases endothelial nitric oxide synthase expression in the ovine fetal adrenal. *Reproductive Sciences*, **2009**, 16, 865-74	3	23
71	Immunophenotypes in the circulation of patients with mild cognitive impairment. *Journal of Psychiatric Research*, **2008**, 42, 240-6	5.2	16
70	Parturition and recruitment of macrophages in cervix of mice lacking the prostaglandin F receptor. *Biology of Reproduction*, **2008**, 78, 438-44	3.9	36
69	Melatonin mediates photoperiod control of endocrine adaptations and humoral immunity in male Siberian hamsters. *Journal of Pineal Research*, **2007**, 43, 109-14	10.4	13
68	Regional dissection and determination of loosely bound and non-heme iron in the developing mouse brain. *Brain Research*, **2007**, 1158, 144-50	3.7	8
67	Elevated total peripheral leukocyte count may identify risk for neurological disability in asphyxiated term neonates. *Journal of Perinatology*, **2007**, 27, 365-70	3.1	32
66	Daily timed melatonin feedings mimic effects of short days on testis regression and cortisol in circulation in Siberian hamsters. *General and Comparative Endocrinology*, **2006**, 146, 211-6	3	21
65	Increased innervation and ripening of the prepartum murine cervix. *Journal of the Society for Gynecologic Investigation*, **2005**, 12, 578-85		33
64	Time course and role of the pineal gland in photoperiod control of innate immune cell functions in male Siberian hamsters. *Journal of Neuroimmunology*, **2005**, 161, 137-44	3.5	14

63	Melatonin production accompanies arousal from daily torpor in Siberian hamsters. *Physiological and Biochemical Zoology*, **2003**, 76, 577-85	2	15
62	Suppression of hypothalamic pro-opiomelanocortin (POMC) gene expression by daily melatonin supplementation in aging rats. *Journal of Pineal Research*, **2003**, 34, 127-33	10.4	7
61	Effects of endotoxin and macrophage-related cytokines on the contractile activity of the gravid murine uterus. *Biology of Reproduction*, **2003**, 69, 1165-9	3.9	16
60	Sex differences in photoperiod control of antigen-specific primary and secondary humoral immunity in Siberian Hamsters. *Journal of Neuroimmunology*, **2002**, 128, 39-48	3.5	21
59	Photorefractoriness of immune function in male Siberian hamsters (Phodopus sungorus). *Journal of Neuroendocrinology*, **2002**, 14, 318-29	3.8	35
58	Photoperiod, reproduction, and immunity in select strains of inbred mice. *Journal of Biological Rhythms*, **2002**, 17, 65-75	3.2	34
57	Short day lengths augment stress-induced leukocyte trafficking and stress-induced enhancement of skin immune function. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 4067-72	11.5	144
56	Aging-dependent changes in the effect of daily melatonin supplementation on rat metabolic and behavioral responses. *Journal of Pineal Research*, **2001**, 31, 89-94	10.4	54
55	Photoperiod modulates the inhibitory effect of in vitro melatonin on lymphocyte proliferation in female Siberian hamsters. *Journal of Biological Rhythms*, **2001**, 16, 224-33	3.2	29
54	Temporal reorganization of the suprachiasmatic nuclei in hamsters with split circadian rhythms. *Journal of Biological Rhythms*, **2001**, 16, 552-63	3.2	25
53	In vitro melatonin treatment enhances splenocyte proliferation in prairie voles. *Journal of Pineal Research*, **2000**, 28, 34-40	10.4	27
52	Maturation of lymphocyte immunophenotypes and memory T helper cell differentiation during development in mice. *Autoimmunity*, **2000**, 8, 47-60		5
51	Distribution and activation of uterine mononuclear phagocytes in peripartum endometrium and myometrium of the mouse. *Biology of Reproduction*, **2000**, 62, 1193-200	3.9	25
50	Photic entrainment of circannual rhythms in golden-mantled ground squirrels: role of the pineal gland. *Journal of Biological Rhythms*, **2000**, 15, 126-34	3.2	33
49	Reproductive, neuroendocrine, and immune consequences of acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in the Siberian hamster. *Biology of Reproduction*, **2000**, 63, 538-43	3.9	13
48	Influence of photoperiod on immune cell functions in the male Siberian hamster. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **1999**, 276, R97-R102	3.2	39
47	Daily melatonin administration at middle age suppresses male rat visceral fat, plasma leptin, and plasma insulin to youthful levels. *Endocrinology*, **1999**, 140, 1009-12	4.8	191
46	Ventromedial hypothalamic mediation of photoperiodic gonadal responses in male Syrian hamsters. *Journal of Biological Rhythms*, **1999**, 14, 391-401	3.2	26

45	Maturation of spontaneous and agonist-induced uterine contractions in the peripartum mouse uterus. *Biology of Reproduction*, **1999**, 61, 873-8	3.9	17
44	Macrophage trafficking in the uterus and cervix precedes parturition in the mouse. *Biology of Reproduction*, **1999**, 61, 879-83	3.9	111
43	Role of photoperiod and the pineal gland in T cell-dependent humoral immune reactivity in the Siberian hamster. *Journal of Pineal Research*, **1999**, 27, 243-8	10.4	52
42	Melatonin chimeras alter reproductive development and photorefractoriness in Siberian hamsters. *Journal of Biological Rhythms*, **1998**, 13, 518-31	3.2	12
41	Melatonin rhythm onset in the adult siberian hamster: influence of photoperiod but not 60-Hz magnetic field exposure on melatonin content in the pineal gland and in circulation. *Journal of Biological Rhythms*, **1998**, 13, 52-9	3.2	18
40	Gonadotropin-releasing hormone neural projections to the systemic vasculature during sexual maturation and delayed puberty in the male Djungarian hamster. *Biology of Reproduction*, **1997**, 57, 873-8	3.9	0
39	Effect of various acute 60 Hz magnetic field exposures on the nocturnal melatonin rise in the adult Djungarian hamster. *Journal of Pineal Research*, **1997**, 22, 177-83	10.4	22
38	Daily melatonin treatments regulate the circadian melatonin rhythm in the adult Djungarian hamster. *Journal of Biological Rhythms*, **1996**, 11, 4-13	3.2	20
37	Three daily melatonin infusions alter gonadal development but not GnRH neuron number in the medial preoptic area or diagonal band of Broca in Siberian hamsters. *Neuroscience Letters*, **1996**, 210, 165-8	3.3	8
36	Photoperiod control of the melatonin rhythm and reproductive maturation in the juvenile Djungarian hamster: 60-Hz magnetic field exposure effects. *Biology of Reproduction*, **1996**, 55, 455-60	3.9	14
35	Influence of acute melatonin treatment and light on the circadian melatonin rhythm in the Djungarian hamster. *Journal of Biological Rhythms*, **1994**, 9, 71-81	3.2	29
34	Effects of photoperiod on reproduction and the gonadotropin-releasing hormone-immunoreactive neuron system in the postpubertal male Djungarian hamster. *Biology of Reproduction*, **1994**, 50, 368-72	3.9	21
33	Acute 60 Hz magnetic field exposure effects on the melatonin rhythm in the pineal gland and circulation of the adult Djungarian hamster. *Journal of Pineal Research*, **1994**, 16, 136-44	10.4	94
32	Pulsatile Endocrine Secretion in the Ovine Fetus. *Methods in Neurosciences*, **1994**, 20, 230-246		2
31	Retinal input to the suprachiasmatic nucleus before and after puberty in Djungarian hamsters. *Brain Research Bulletin*, **1993**, 32, 29-33	3.9	12
30	Developmental study of GnRH neuronal projections to the medial basal hypothalamus of the male Djungarian hamster. *Journal of Comparative Neurology*, **1993**, 333, 236-45	3.4	5
29	Maternal transfer of photoperiodic information in Siberian hamsters. V. Effects of melatonin implants are dependent on photoperiod. *Biology of Reproduction*, **1992**, 47, 291-6	3.9	25
28	Ontogeny of the pineal melatonin rhythm and implications for reproductive development in domestic ruminants. *Animal Reproduction Science*, **1992**, 30, 91-112	2.1	9

27	Delayed onset of puberty and subtle alterations in GnRH neuronal morphology in female rats exposed prenatally to ethanol. *Alcohol*, **1992**, 9, 335-40	2.7	38
26	Delayed puberty in the male Djungarian hamster: effect of short photoperiod or melatonin treatment on the GnRH neuronal system. *Neuroendocrinology*, **1991**, 54, 96-102	5.6	45
25	Photoperiod regulation of uterine activity and melatonin rhythms in the pregnant rhesus macaque. *Biology of Reproduction*, **1991**, 44, 967-74	3.9	40
24	A developmental study of the gonadotropin-releasing hormone neuronal system during sexual maturation in the male Djungarian hamster. *Biology of Reproduction*, **1991**, 45, 440-6	3.9	23
23	Regulation of basal adrenocorticotropin and cortisol secretion by arginine vasopressin in the fetal sheep during late gestation. *Endocrinology*, **1991**, 129, 295-300	4.8	15
22	Prenatal androgens time neuroendocrine sexual maturation. *Endocrinology*, **1991**, 128, 2457-68	4.8	58
21	Circadian myometrial and endocrine rhythms in the pregnant rhesus macaque: effects of constant light and timed melatonin infusion. *American Journal of Obstetrics and Gynecology*, **1991**, 165, 1777-84	6.4	32
20	The gonadotropin-releasing hormone neuronal system of the male Djungarian hamster: distribution from the olfactory tubercle to the medial basal hypothalamus. *Neuroendocrinology*, **1990**, 51, 219-25	5.6	24
19	Sexual differentiation of the steroid feedback mechanism regulating follicle-stimulating hormone secretion in the Syrian hamster. *Biology of Reproduction*, **1989**, 41, 7-14	3.9	2
18	The ontogeny of melatonin secretion in the lamb. *Endocrinology*, **1989**, 124, 2135-43	4.8	34
17	Effect of maternal pinealectomy and reverse photoperiod on the circadian melatonin rhythm in the sheep and fetus during the last trimester of pregnancy. *Biology of Reproduction*, **1988**, 39, 1093-9	3.9	86
16	Are ambient short-day cues necessary for puberty in a short-day breeder?. *Biology of Reproduction*, **1988**, 38, 821-9	3.9	20
15	Absence of an increase in gonad-independent drive to pulsatile luteinizing hormone secretion during photoperiod-induced puberty. *Biology of Reproduction*, **1987**, 37, 634-9	3.9	2
14	Melatonin rhythms time photoperiod-induced puberty in the female lamb. *Endocrinology*, **1986**, 119, 44-9	4.8	41
13	Melatonin and photorefractoriness: loss of response to the melatonin signal leads to seasonal reproductive transitions in the ewe. *Biology of Reproduction*, **1986**, 34, 265-74	3.9	77
12	Determinants of puberty in a seasonal breeder. *Endocrine Reviews*, **1986**, 42, 331-84		22
11	Pineal melatonin mediates photoperiodic control of pulsatile luteinizing hormone secretion in the ewe. *Neuroendocrinology*, **1985**, 40, 409-18	5.6	122
10	Maturation of the pineal melatonin rhythm in long- and short-day reared Djungarian hamsters. *Experientia*, **1985**, 41, 651-2		32

9	Alternate photoperiods time puberty in the female lamb. *Endocrinology*, **1985**, 116, 2090-7	4.8	56
8	Importance of duration of nocturnal melatonin secretion in determining the reproductive response to inductive photoperiod in the ewe. *Biology of Reproduction*, **1985**, 32, 523-9	3.9	46
7	Photoperiod control of reproductive development in the male Djungarian hamster (Phodopus sungorus). *Endocrinology*, **1984**, 114, 664-70	4.8	133
6	Pineal melatonin in the Djungarian hamster: photoperiodic regulation of a circadian rhythm. *Endocrinology*, **1982**, 111, 488-92	4.8	61
5	Physiology of Pineal Melatonin in Three Hamster Species1 **1982**, 210-231		2
4	Diurnal changes in pineal melatonin content in four rodent species: relationship to photoperiodism. *Biology of Reproduction*, **1981**, 24, 778-83	3.9	77
3	Ontogeny of the pineal melatonin rhythm in the Syrian (Mesocricetus auratus) and Siberian (Phodopus sungorus) hamsters and in the rat. *Endocrinology*, **1980**, 107, 1061-4	4.8	106
2	Neither non-contact exposure nor mating affect serum LH and FSH in male B6D2F1 house mice. *Physiology and Behavior*, **1979**, 22, 191-2	3.5	8
1	Photoperiod Modulates the Inhibitory Effect of In Vitro Melatonin on Lymphocyte Proliferation in Female Siberian Hamsters		1