

# Steven M Yellon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9503411/publications.pdf>

Version: 2024-02-01

100  
papers

3,902  
citations

101384

36  
h-index

143772

57  
g-index

101  
all docs

101  
docs citations

101  
times ranked

2504  
citing authors

#	ARTICLE	IF	CITATIONS
1	Daily Melatonin Administration at Middle Age Suppresses Male Visceral Fat, Plasma Leptin, and Plasma Insulin to Youthful Levels. <i>Endocrinology</i> , 1999, 140, 1009-1012.	1.4	215
2	Short day lengths augment stress-induced leukocyte trafficking and stress-induced enhancement of skin immune function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4067-4072.	3.3	159
3	Photoperiod Control of Reproductive Development in the Male Djungarian Hamster ( <i>Phodopus Tj</i> ). <i>Endocrinology</i> , 1984, 114, 158-164.	1.4	158
4	Pineal Melatonin Mediates Photoperiodic Control of Pulsatile Luteinizing Hormone Secretion in the Ewe. <i>Neuroendocrinology</i> , 1985, 40, 409-418.	1.2	135
5	Ontogeny of the Pineal Melatonin Rhythm in the Syrian ( <i>Mesocricetus auratus</i> ) and Siberian ( <i>Phodopus sungorus</i> ) Hamsters and in the Rat. <i>Endocrinology</i> , 1980, 107, 1061-1064.	1.4	128
6	Macrophage Trafficking in the Uterus and Cervix Precedes Parturition in the Mouse. <i>Biology of Reproduction</i> , 1999, 61, 879-883.	1.2	126
7	Acute 60 Hz magnetic field exposure effects on the melatonin rhythm in the pineal gland and circulation of the adult Djungarian hamster. <i>Journal of Pineal Research</i> , 1994, 16, 136-144.	3.4	102
8	Effect of Maternal Pinealectomy and Reverse Photoperiod on the Circadian Melatonin Rhythm in the Sheep and Fetus during the Last Trimester of Pregnancy. <i>Biology of Reproduction</i> , 1988, 39, 1093-1099.	1.2	99
9	Diurnal Changes in Pineal Melatonin Content in Four Rodent Species: Relationship to Photoperiodism. <i>Biology of Reproduction</i> , 1981, 24, 778-783.	1.2	90
10	Contributions to the dynamics of cervix remodeling prior to term and preterm birth. <i>Biology of Reproduction</i> , 2017, 96, 13-23.	1.2	89
11	Melatonin and Photorefractoriness: Loss of Response to the Melatonin Signal Leads to Seasonal Reproductive Transitions in the Ewe. <i>Biology of Reproduction</i> , 1986, 34, 265-274.	1.2	85
12	Exosomes Cause Preterm Birth in Mice: Evidence for Paracrine Signaling in Pregnancy. <i>Scientific Reports</i> , 2019, 9, 608.	1.6	84
13	Alternate Photoperiods Time Puberty in the Female Lamb*. <i>Endocrinology</i> , 1985, 116, 2090-2097.	1.4	70
14	Ageing-dependent changes in the effect of daily melatonin supplementation on rat metabolic and behavioral responses. <i>Journal of Pineal Research</i> , 2001, 31, 89-94.	3.4	70
15	Pineal Melatonin in the Djungarian Hamster: Photoperiodic Regulation of a Circadian Rhythm*. <i>Endocrinology</i> , 1982, 111, 488-492.	1.4	69
16	Residency and Activation of Myeloid Cells During Remodeling of the Prepartum Murine Cervix. <i>Biology of Reproduction</i> , 2012, 87, 106.	1.2	63
17	Prenatal Androgens Time Neuroendocrine Sexual Maturation*. <i>Endocrinology</i> , 1991, 128, 2457-2468.	1.4	59
18	Role of photoperiod and the pineal gland in T cell-dependent humoral immune reactivity in the Siberian hamster. <i>Journal of Pineal Research</i> , 1999, 27, 243-248.	3.4	59

#	ARTICLE	IF	CITATIONS
19	Importance of Duration of Nocturnal Melatonin Secretion in Determining the Reproductive Response to Inductive Photoperiod in the Ewe 1. <i>Biology of Reproduction</i> , 1985, 32, 523-529.	1.2	58
20	Placental Gene Expression in a Rat Model of Placental Insufficiency. <i>Placenta</i> , 2010, 31, 568-575.	0.7	58
21	Immunobiology of Cervix Ripening. <i>Frontiers in Immunology</i> , 2019, 10, 3156.	2.2	56
22	Influence of photoperiod on immune cell functions in the male Siberian hamster. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 276, R97-R102.	0.9	53
23	Delayed Puberty in the Male Djungarian Hamster: Effect of Short Photoperiod or Melatonin Treatment on the GnRH Neuronal System. <i>Neuroendocrinology</i> , 1991, 54, 96-102.	1.2	52
24	Density of Stromal Cells and Macrophages Associated With Collagen Remodeling in the Human Cervix in Preterm and Term Birth. <i>Reproductive Sciences</i> , 2016, 23, 595-603.	1.1	52
25	Determinants of Puberty in a Seasonal Breeder. , 1986, 42, 331-384.		50
26	Melatonin Rhythms Time Photoperiod-Induced Puberty in the Female Lamb*. <i>Endocrinology</i> , 1986, 119, 44-49.	1.4	48
27	Medroxyprogesterone Acetate Modulates Remodeling, Immune Cell Census, and Nerve Fibers in the Cervix of a Mouse Model for Inflammation-induced Preterm Birth. <i>Reproductive Sciences</i> , 2009, 16, 257-264.	1.1	46
28	Delayed onset of puberty and subtle alterations in GnRH neuronal morphology in female rats exposed prenatally to ethanol. <i>Alcohol</i> , 1992, 9, 335-340.	0.8	45
29	Parturition and Recruitment of Macrophages in Cervix of Mice Lacking the Prostaglandin F Receptor1. <i>Biology of Reproduction</i> , 2008, 78, 438-444.	1.2	44
30	Maturation of the pineal melatonin rhythm in long- and short-day reared Djungarian hamsters. <i>Experientia</i> , 1985, 41, 651-652.	1.2	43
31	Photoperiod Regulation of Uterine Activity and Melatonin Rhythms in the Pregnant Rhesus Macaque1. <i>Biology of Reproduction</i> , 1991, 44, 967-974.	1.2	43
32	Photorefractoriness of Immune Function in Male Siberian Hamsters ( <i>Phodopus sungorus</i> ). <i>Journal of Neuroendocrinology</i> , 2002, 14, 318-329.	1.2	42
33	The Ontogeny of Melatonin Secretion in the Lamb*. <i>Endocrinology</i> , 1989, 124, 2135-2143.	1.4	41
34	Loss of Progesterone Receptor-Mediated Actions Induce Preterm Cellular and Structural Remodeling of the Cervix and Premature Birth. <i>PLoS ONE</i> , 2013, 8, e81340.	1.1	41
35	Increased Innervation and Ripening of the Prepartum Murine Cervix. <i>Journal of the Society for Gynecologic Investigation</i> , 2005, 12, 578-585.	1.9	39
36	Progesterone Receptor-Mediated Actions Regulate Remodeling of the Cervix in Preparation for Preterm Parturition. <i>Reproductive Sciences</i> , 2016, 23, 1473-1483.	1.1	39

#	ARTICLE	IF	CITATIONS
37	Photoperiod, Reproduction, and Immunity in Select Strains of Inbred Mice. <i>Journal of Biological Rhythms</i> , 2002, 17, 65-75.	1.4	38
38	Progesterone Withdrawal Promotes Remodeling Processes in the Nonpregnant Mouse Cervix <sup>1</sup> . <i>Biology of Reproduction</i> , 2009, 81, 1-6.	1.2	38
39	Elevated total peripheral leukocyte count may identify risk for neurological disability in asphyxiated term neonates. <i>Journal of Perinatology</i> , 2007, 27, 365-370.	0.9	37
40	Is myometrial inflammation a cause or a consequence of term human labour?. <i>Journal of Endocrinology</i> , 2017, 235, 69-83.	1.2	37
41	Circadian myometrial and endocrine rhythms in the pregnant rhesus macaque: Effects of constant light and timed melatonin infusion. <i>American Journal of Obstetrics and Gynecology</i> , 1991, 165, 1777-1784.	0.7	36
42	Photic Entrainment of Circannual Rhythms in Golden-Mantled Ground Squirrels: Role of the Pineal Gland. <i>Journal of Biological Rhythms</i> , 2000, 15, 126-134.	1.4	35
43	Influence of Acute Melatonin Treatment and Light on the Circadian Melatonin Rhythm in the Djungarian Hamster. <i>Journal of Biological Rhythms</i> , 1994, 9, 71-81.	1.4	34
44	Photoperiod Modulates the Inhibitory Effect of In Vitro Melatonin on Lymphocyte Proliferation in Female Siberian Hamsters. <i>Journal of Biological Rhythms</i> , 2001, 16, 224-233.	1.4	34
45	In vitro melatonin treatment enhances splenocyte proliferation in prairie voles. <i>Journal of Pineal Research</i> , 2000, 28, 34-40.	3.4	31
46	Remodeling of the Cervix and Parturition in Mice Lacking the Progesterone Receptor B Isoform. <i>Biology of Reproduction</i> , 2011, 85, 498-502.	1.2	30
47	Maternal Transfer of Photoperiodic Information in Siberian Hamsters. V. Effects of Melatonin Implants are Dependent on Photoperiod <sup>1</sup> . <i>Biology of Reproduction</i> , 1992, 47, 291-296.	1.2	28
48	Distribution and Activation of Uterine Mononuclear Phagocytes in Peripartum Endometrium and Myometrium of the Mouse. <i>Biology of Reproduction</i> , 2000, 62, 1193-1200.	1.2	28
49	The Gonadotropin-Releasing Hormone Neuronal System of the Male Djungarian Hamster: Distribution from the Olfactory Tubercle to the Medial Basal Hypothalamus. <i>Neuroendocrinology</i> , 1990, 51, 219-225.	1.2	27
50	Ventromedial Hypothalamic Mediation of Photoperiodic Gonadal Responses in Male Syrian Hamsters. <i>Journal of Biological Rhythms</i> , 1999, 14, 391-401.	1.4	27
51	LIFESPAN DAILY LOCOMOTOR ACTIVITY RHYTHMS IN A MOUSE MODEL OF AMYLOID-INDUCED NEUROPATHOLOGY. <i>Chronobiology International</i> , 2010, 27, 1159-1177.	0.9	27
52	Transection of the Pelvic or Vagus Nerve Forestalls Ripening of the Cervix and Delays Birth in Rats <sup>1</sup> . <i>Biology of Reproduction</i> , 2011, 84, 587-594.	1.2	27
53	Macrophage Gene Expression Associated with Remodeling of the Prepartum Rat Cervix: Microarray and Pathway Analyses. <i>PLoS ONE</i> , 2015, 10, e0119782.	1.1	27
54	Temporal Reorganization of the Suprachiasmatic Nuclei in Hamsters with Split Circadian Rhythms. <i>Journal of Biological Rhythms</i> , 2001, 16, 552-563.	1.4	25

#	ARTICLE	IF	CITATIONS
55	Are Ambient Short-Day Cues Necessary for Puberty in a Short-Day Breeder?1. <i>Biology of Reproduction</i> , 1988, 38, 821-829.	1.2	24
56	A Developmental Study of the Gonadotropin-Releasing Hormone Neuronal System during Sexual Maturation in the Male Djungarian Hamster1. <i>Biology of Reproduction</i> , 1991, 45, 440-446.	1.2	23
57	Effects of Photoperiod on Reproduction and the Gonadotropin-Releasing Hormone-Immunoreactive Neuron System in the Postpubertal Male Djungarian Hamster1. <i>Biology of Reproduction</i> , 1994, 50, 368-372.	1.2	23
58	Effect of various acute 60 Hz magnetic field exposures on the nocturnal melatonin rise in the adult Djungarian hamster. <i>Journal of Pineal Research</i> , 1997, 22, 177-183.	3.4	23
59	Sex differences in photoperiod control of antigen-specific primary and secondary humoral immunity in Siberian Hamsters. <i>Journal of Neuroimmunology</i> , 2002, 128, 39-48.	1.1	23
60	Long-Term Hypoxia Increases Endothelial Nitric Oxide Synthase Expression in the Ovine Fetal Adrenal. <i>Reproductive Sciences</i> , 2009, 16, 865-874.	1.1	23
61	Effects of macrophage depletion on characteristics of cervix remodeling and pregnancy in CD11b-dtr mice. <i>Biology of Reproduction</i> , 2019, 100, 1386-1394.	1.2	23
62	Daily timed melatonin feedings mimic effects of short days on testis regression and cortisol in circulation in Siberian hamsters. <i>General and Comparative Endocrinology</i> , 2006, 146, 211-216.	0.8	22
63	Maturation of Spontaneous and Agonist-Induced Uterine Contractions in the Peripartum Mouse Uterus1. <i>Biology of Reproduction</i> , 1999, 61, 873-878.	1.2	21
64	Daily Melatonin Treatments Regulate the Circadian Melatonin Rhythm in the Adult Djungarian Hamster. <i>Journal of Biological Rhythms</i> , 1996, 11, 4-13.	1.4	20
65	Immunophenotypes in the circulation of patients with mild cognitive impairment. <i>Journal of Psychiatric Research</i> , 2008, 42, 240-246.	1.5	20
66	Physiology of Pineal Melatonin in Three Hamster Species1. , 1982, , 210-231.		19
67	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. <i>Journal of Biological Rhythms</i> , 1998, 13, 52-59.	1.4	19
68	Effects of Endotoxin and Macrophage-Related Cytokines on the Contractile Activity of the Gravid Murine Uterus. <i>Biology of Reproduction</i> , 2003, 69, 1165-1169.	1.2	18
69	Photoperiod Control of the Melatonin Rhythm and Reproductive Maturation in the Juvenile Djungarian Hamster: 60-Hz Magnetic Field Exposure Effects1. <i>Biology of Reproduction</i> , 1996, 55, 455-460.	1.2	17
70	Regulation of Basal Adrenocorticotropin and Cortisol Secretion by Arginine Vasopressin in the Fetal Sheep during Late Gestation*. <i>Endocrinology</i> , 1991, 129, 295-300.	1.4	16
71	Time course and role of the pineal gland in photoperiod control of innate immune cell functions in male Siberian hamsters. <i>Journal of Neuroimmunology</i> , 2005, 161, 137-144.	1.1	16
72	Cervix remodeling and parturition in the rat: lack of a role for hypogastric innervation. <i>Reproduction</i> , 2009, 137, 739-748.	1.1	16

#	ARTICLE	IF	CITATIONS
73	Melatonin Production Accompanies Arousal from Daily Torpor in Siberian Hamsters. <i>Physiological and Biochemical Zoology</i> , 2003, 76, 577-585.	0.6	15
74	Melatonin mediates photoperiod control of endocrine adaptations and humoral immunity in male Siberian hamsters. <i>Journal of Pineal Research</i> , 2007, 43, 109-114.	3.4	14
75	Nitric oxide metabolism in the human placenta during aberrant maternal inflammation. <i>Journal of Physiology</i> , 2020, 598, 2223-2241.	1.3	14
76	Retinal input to the suprachiasmatic nucleus before and after puberty in Djungarian hamsters. <i>Brain Research Bulletin</i> , 1993, 32, 29-33.	1.4	13
77	Melatonin Chimeras Alter Reproductive Development and Photorefractoriness in Siberian Hamsters. <i>Journal of Biological Rhythms</i> , 1998, 13, 518-531.	1.4	13
78	Reproductive, Neuroendocrine, and Immune Consequences of Acute Exposure to 2,3,7,8-Tetrachlorodibenzo-p-Dioxin in the Siberian Hamster <sup>1</sup> . <i>Biology of Reproduction</i> , 2000, 63, 538-543.	1.2	13
79	Suppression of hypothalamic pro-opiomelanocortin (POMC) gene expression by daily melatonin supplementation in aging rats. <i>Journal of Pineal Research</i> , 2003, 34, 127-133.	3.4	13
80	Cervix Stromal Cells and the Progesterone Receptor A Isoform Mediate Effects of Progesterone for Parturition Remodeling. <i>Reproductive Sciences</i> , 2019, 26, 690-696.	1.1	10
81	Ontogeny of the pineal melatonin rhythm and implications for reproductive development in domestic ruminants. <i>Animal Reproduction Science</i> , 1992, 30, 91-112.	0.5	9
82	Neither non-contact exposure nor mating affect serum LH and FSH in male B6D2F1 house mice. <i>Physiology and Behavior</i> , 1979, 22, 191-192.	1.0	8
83	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. <i>Neuroscience Letters</i> , 1996, 210, 165-168.	1.0	8
84	Regional dissection and determination of loosely bound and non-heme iron in the developing mouse brain. <i>Brain Research</i> , 2007, 1158, 144-150.	1.1	8
85	Pregnancy-related changes in connections from the cervix to forebrain and hypothalamus in mice. <i>Reproduction</i> , 2010, 140, 155-164.	1.1	8
86	Block of Granulocyte-Macrophage Colony-Stimulating Factor Prevents Inflammation-Induced Preterm Birth in a Mouse Model for Parturition. <i>Reproductive Sciences</i> , 2019, 26, 551-559.	1.1	8
87	Utility of Optical Density of Picrosirius Red Birefringence for Analysis of Cross-Linked Collagen in Remodeling of the Peripartum Cervix for Parturition. , 2018, 1, .		8
88	Maturation of Lymphocyte Immunophenotypes and Memory T Helper Cell Differentiation During Development in Mice. <i>Autoimmunity</i> , 2000, 8, 47-60.	0.6	7
89	Retrograde tracing of spinal cord connections to the cervix with pregnancy in mice. <i>Reproduction</i> , 2010, 139, 645-653.	1.1	7
90	Replens prevents preterm birth by decreasing type I interferon strengthening the cervical epithelial barrier. <i>American Journal of Reproductive Immunology</i> , 2020, 83, e13192.	1.2	7

#	ARTICLE	IF	CITATIONS
91	Absence of an Increase in Gonad-Independent Drive to Pulsatile Luteinizing Hormone Secretion during Photoperiod-Induced Puberty. <i>Biology of Reproduction</i> , 1987, 37, 634-639.	1.2	6
92	Vagus nerve stimulation in pregnant rats and effects on inflammatory markers in the brainstem of neonates. <i>Pediatric Research</i> , 2018, 83, 514-519.	1.1	6
93	Developmental study of GnRH neuronal projections to the medial basal hypothalamus of the male Djungarian hamster. <i>Journal of Comparative Neurology</i> , 1993, 333, 236-245.	0.9	5
94	Distinct preterm labor phenotypes have unique inflammatory signatures and contraction associated protein profiles. <i>Biology of Reproduction</i> , 2019, 101, 1031-1045.	1.2	5
95	Sexual Differentiation of the Steroid Feedback Mechanism Regulating Follicle-Stimulating Hormone Secretion in the Syrian Hamster. <i>Biology of Reproduction</i> , 1989, 41, 7-14.	1.2	3
96	Pulsatile Endocrine Secretion in the Ovine Fetus. <i>Methods in Neurosciences</i> , 1994, 20, 230-246.	0.5	2
97	Gonadotropin-Releasing Hormone Neural Projections to the Systemic Vasculature during Sexual Maturation and Delayed Puberty in the Male Djungarian Hamster. <i>Biology of Reproduction</i> , 1997, 57, 873-878.	1.2	1
98	Photoperiod Modulates the Inhibitory Effect of In Vitro Melatonin on Lymphocyte Proliferation in Female Siberian Hamsters. , 0, .		1
99	481: Progesterone receptor blockade mediates inflammatory cervical remodeling prompting preterm birth irrespective of systemic progesterone levels in a small animal model. <i>American Journal of Obstetrics and Gynecology</i> , 2011, 204, S193.	0.7	0
100	Contributors to Volume 20. <i>Methods in Neurosciences</i> , 1994, 20, ix-xiii.	0.5	0