

Douglas R Danforth

List of Publications by Citations

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

57
papers

1,733
citations

24
h-index

41
g-index

58
ext. papers

1,845
ext. citations

3.5
avg, IF

4
L-index

#	Paper	IF	Citations
57	Women with declining ovarian reserve may demonstrate a decrease in day 3 serum inhibin B before a rise in day 3 follicle-stimulating hormone. <i>Fertility and Sterility</i> , 1999 , 72, 63-5	4.8	139
56	Dimeric inhibin: a direct marker of ovarian aging. <i>Fertility and Sterility</i> , 1998 , 70, 119-23	4.8	122
55	Vascular endothelial growth factor, nitric oxide, and leptin follicular fluid levels correlate negatively with embryo quality in IVF patients. <i>Fertility and Sterility</i> , 1999 , 72, 1024-6	4.8	113
54	Follicular fluid vascular endothelial growth factor concentrations are elevated in women of advanced reproductive age undergoing ovulation induction. <i>Fertility and Sterility</i> , 1997 , 68, 607-12	4.8	94
53	Vascular endothelial growth factor stimulates preantral follicle growth in the rat ovary. <i>Biology of Reproduction</i> , 2003 , 68, 1736-41	3.9	90
52	Using Virtual Reality Simulation Environments to Assess Competence for Emergency Medicine Learners. <i>Academic Emergency Medicine</i> , 2018 , 25, 186-195	3.4	76
51	Acute depletion of murine primordial follicle reserve by gonadotropin-releasing hormone antagonists. <i>Fertility and Sterility</i> , 2005 , 83, 1333-8	4.8	72
50	Ovarian control of follicle development. <i>American Journal of Obstetrics and Gynecology</i> , 1995 , 172, 736-47	4.4	69
49	Inhibin-B: the physiologic basis of the clomiphene citrate challenge test for ovarian reserve screening. <i>Fertility and Sterility</i> , 1998 , 69, 474-7	4.8	68
48	Elevated level of follicular fluid vascular endothelial growth factor is a marker of diminished pregnancy potential. <i>Fertility and Sterility</i> , 1998 , 70, 836-9	4.8	54
47	Contraceptive potential of RU 486 by ovulation inhibition: I. Pituitary versus ovarian action with blockade of estrogen-induced endometrial proliferation. <i>Contraception</i> , 1989 , 40, 171-84	2.5	54
46	Identification of gonadotropin surge-inhibiting factor (GnSIF) in follicular fluid and its differentiation from inhibin. <i>Biology of Reproduction</i> , 1987 , 37, 1075-82	3.9	50
45	Prolonged duration of gonadotropin inhibition by a third generation GnRH antagonist. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1988 , 67, 1325-7	5.6	50
44	Endocrine and paracrine control of oocyte development. <i>American Journal of Obstetrics and Gynecology</i> , 1995 , 172, 747-52	6.4	43
43	A novel regimen of gonadotropin-releasing hormone (GnRH) antagonist plus pulsatile GnRH: controlled restoration of gonadotropin secretion and ovulation induction**Supported in part by the Contraceptive Research and Development (CONRAD) Program, Eastern Virginia Medical School, and a Cooperative Agreement (DPE 2011-1-00-5062-00) with the United States Agency for International Development	4.8	41
42	Using second life virtual simulation environment for mock oral emergency medicine examination. <i>Academic Emergency Medicine</i> , 2011 , 18, 559-62	3.4	34
41	Characterizing pituitary response to a gonadotropin-releasing hormone (GnRH) antagonist in monkeys: tonic follicle-stimulating hormone/luteinizing hormone secretion versus acute GnRH challenge tests before, during, and after treatment. <i>Fertility and Sterility</i> , 1987 , 48, 480-5	4.8	34

40	Developing a Conversational Virtual Standardized Patient to Enable Students to Practice History-Taking Skills. <i>Simulation in Healthcare</i> , 2017 , 12, 124-131	2.8	32
39	Early follicle growth in the juvenile macaca monkey ovary: the effects of estrogen priming and follicle-stimulating hormone. <i>Biology of Reproduction</i> , 1994 , 50, 686-94	3.9	32
38	Early folliculogenesis in primate ovaries: testing the role of estrogen. <i>Biology of Reproduction</i> , 1991 , 45, 890-7	3.9	32
37	Neutralization of endogenous vascular endothelial growth factor depletes primordial follicles in the mouse ovary. <i>Biology of Reproduction</i> , 2007 , 76, 218-23	3.9	31
36	Recombinant human follicle-stimulating hormone stimulates multiple follicular growth, but minimal estrogen production in gonadotropin-releasing hormone antagonist-treated monkeys: examining the role of luteinizing hormone in follicular development and steroidogenesis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1994 , 79, 91-97	5.6	31
35	Probing studies on multiple dose effects of antide (Nal-Lys) GnRH antagonist in ovariectomized monkeys. <i>Contraception</i> , 1989 , 40, 623-33	2.5	30
34	Extended presence of antide (Nal-Lys GnRH antagonist) in circulation: prolonged duration of gonadotropin inhibition may derive from antide binding to serum proteins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1990 , 70, 554-6	5.6	27
33	Contraceptive potential of RU 486 by ovulation inhibition: II. Suppression of pituitary gonadotropin secretion in vitro. <i>Contraception</i> , 1989 , 40, 185-93	2.5	23
32	Contraceptive potential of RU 486 by ovulation inhibition: III. Preliminary observations on once weekly oral administration. <i>Contraception</i> , 1989 , 40, 195-200	2.5	23
31	Interleukin-1 beta modulates prostaglandin and progesterone production by primate luteal cells in vitro. <i>Biology of Reproduction</i> , 1997 , 56, 663-7	3.9	21
30	Antide-induced suppression of pituitary gonadotropin and ovarian steroid secretion in cynomolgus monkeys: premature luteolysis and prolonged inhibition of folliculogenesis following single treatment. <i>Biology of Reproduction</i> , 1991 , 44, 701-6	3.9	21
29	Single dose long-term suppression of testosterone secretion by a gonadotropin-releasing hormone antagonist (Antide) in male monkeys. <i>Contraception</i> , 1990 , 42, 209-14	2.5	20
28	Development of Virtual Patient Simulations for Medical Education. <i>Journal of Virtual Worlds Research</i> , 2009 , 2,	1.1	19
27	Characterization of corpora lutea in monkeys after superovulation with human menopausal gonadotropin or follicle-stimulating hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1986 , 62, 833-9	5.6	18
26	Characterization of recombinant DNA derived-human luteinizing hormone in vitro and in vivo. Efficacy in ovulation induction and corpus luteum support. <i>JAMA - Journal of the American Medical Association</i> , 1988 , 259, 3290-3295	27.4	15
25	Virtual alternative to the oral examination for emergency medicine residents. <i>Western Journal of Emergency Medicine</i> , 2015 , 16, 336-43	3.3	14
24	Effects of ovarian tissue reduction on the menstrual cycle: persistent normalcy after near-total oophorectomy. <i>Biology of Reproduction</i> , 1989 , 41, 355-60	3.9	13
23	In vivo and in vitro modulation of gonadotropin-releasing hormone metabolism by estradiol and progesterone. <i>Endocrinology</i> , 1990 , 127, 319-24	4.8	13

22	Using virtual standardized patients to accurately assess information gathering skills in medical students. <i>Medical Teacher</i> , 2019 , 41, 1053-1059	3	12
21	Modulation of membrane fluidity in the primate (<i>Macaca mulatta</i>) corpus luteum: correlation with changes in gonadotropin binding. <i>Endocrinology</i> , 1985 , 117, 755-61	4.8	11
20	Identification of gonadotrophin surge-inhibiting factor (GnSIF)/attenuin in human follicular fluid. <i>Human Reproduction</i> , 1996 , 11, 490-6	5.7	10
19	Suppression of ovarian estradiol secretion by a single injection of antide in cynomolgus monkeys during the early follicular phase: immediate, sustained, and reversible actions. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1991 , 73, 1262-8	5.6	10
18	Inhibition of pituitary gonadotropin secretion by the gonadotropin-releasing hormone antagonist antide. I. In vitro studies on mechanism of action. <i>Endocrinology</i> , 1991 , 128, 2036-40	4.8	9
17	Inhibition of pituitary gonadotropin secretion by the gonadotropin-releasing hormone antagonist antide. II. Development of an in vitro bioassay for characterization of pharmacokinetics and pharmacodynamics of antide in circulation. <i>Endocrinology</i> , 1991 , 128, 2041-4	4.8	9
16	"Sunday start" multiphasic oral contraception: ovulation prevention and delayed follicular atresia in primates. <i>Contraception</i> , 1989 , 39, 321-30	2.5	9
15	Evidence for two populations of masked gonadotropin-binding sites in the corpus luteum of the rhesus monkey (<i>Macaca mulatta</i>). <i>Endocrinology</i> , 1985 , 117, 747-54	4.8	8
14	Intermittent GnRH antagonist plus progestin contraception conserving tonic ovarian estrogen secretion and reducing progestin exposure. <i>Contraception</i> , 1990 , 41, 623-31	2.5	7
13	Virtual Antenatal Encounter and Standardized Simulation Assessment (VANESSA): Pilot Study. <i>JMIR Serious Games</i> , 2018 , 6, e8	3.4	7
12	GnRH antagonists suppress prolactin release in non-human primates. <i>Contraception</i> , 1992 , 45, 369-78	2.5	6
11	ENT Mentorship Program for Preclinical Medical Students. <i>Otolaryngology - Head and Neck Surgery</i> , 2020 , 163, 198-203	5.5	4
10	Subcutaneous Implantable Infusion Device for Chronic Intravenous Pulsatile Gonadotropin-Releasing Hormone Treatment. <i>Journal of Medical Primatology</i> , 1988 , 17, 281-285	0.7	4
9	In vivo effects of a potent GnRH antagonist ORG 30850: physiologic evidence that down-regulation of GnRH receptors does not occur. <i>Journal of the Society for Gynecologic Investigation</i> , 1994 , 1, 290-6		3
8	Development of an Interactive Virtual 3-D Model of the Human Testis Using the Second Life Platform. <i>International Journal of Virtual and Personal Learning Environments</i> , 2010 , 1, 45-58	0.8	3
7	Development of an Interactive Virtual 3-D Model of the Human Testis Using the Second Life Platform.. <i>Biology of Reproduction</i> , 2008 , 78, 129-129	3.9	2
6	125I-luteinizing hormone (LH) binding to soluble receptors from the primate (<i>Macaca mulatta</i>) corpus luteum: effects of ethanol exposure. <i>Life Sciences</i> , 1988 , 43, 635-42	6.8	1
5	Antide bioavailability: single dose administration for suppression of testosterone and inhibin in male monkeys. <i>Contraception</i> , 1992 , 45, 155-66	2.5	0

- 4 Laboratory instrument interface system (LIIS): a unit for the acquisition, temporary storage and transfer of data to a microcomputer. *Computers in Biology and Medicine*, **1985**, 15, 95-101 7
- 3 Gonadotropin-Releasing Hormone Infusion Interval: Importance in Pharmacodynamics. *Journal of Medical Primatology*, **1989**, 18, 373-382 0.7
- 2 GnRH Antagonists: New Developments for Indications in Reproductive Medicine **1990**, 213-220
- 1 GnRH Antagonists: Primate Models for Clinical Indications **1992**, 332-346