

# Douglas R Danforth

## List of Publications by Year in Descending Order

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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	ENT Mentorship Program for Preclinical Medical Students. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2020</b> , 163, 198-203	5.5	4
56	Using virtual standardized patients to accurately assess information gathering skills in medical students. <i>Medical Teacher</i> , <b>2019</b> , 41, 1053-1059	3	12
55	Using Virtual Reality Simulation Environments to Assess Competence for Emergency Medicine Learners. <i>Academic Emergency Medicine</i> , <b>2018</b> , 25, 186-195	3.4	76
54	Virtual Antenatal Encounter and Standardized Simulation Assessment (VANESSA): Pilot Study. <i>JMIR Serious Games</i> , <b>2018</b> , 6, e8	3.4	7
53	Developing a Conversational Virtual Standardized Patient to Enable Students to Practice History-Taking Skills. <i>Simulation in Healthcare</i> , <b>2017</b> , 12, 124-131	2.8	32
52	Virtual alternative to the oral examination for emergency medicine residents. <i>Western Journal of Emergency Medicine</i> , <b>2015</b> , 16, 336-43	3.3	14
51	Using second life virtual simulation environment for mock oral emergency medicine examination. <i>Academic Emergency Medicine</i> , <b>2011</b> , 18, 559-62	3.4	34
50	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> , <b>2010</b> , 1, 45-58	0.8	3
49	Development of Virtual Patient Simulations for Medical Education. <i>Journal of Virtual Worlds Research</i> , <b>2009</b> , 2,	1.1	19
48	Development of an Interactive Virtual 3-D Model of the Human Testis Using the Second Life Platform.. <i>Biology of Reproduction</i> , <b>2008</b> , 78, 129-129	3.9	2
47	Neutralization of endogenous vascular endothelial growth factor depletes primordial follicles in the mouse ovary. <i>Biology of Reproduction</i> , <b>2007</b> , 76, 218-23	3.9	31
46	Acute depletion of murine primordial follicle reserve by gonadotropin-releasing hormone antagonists. <i>Fertility and Sterility</i> , <b>2005</b> , 83, 1333-8	4.8	72
45	Vascular endothelial growth factor stimulates preantral follicle growth in the rat ovary. <i>Biology of Reproduction</i> , <b>2003</b> , 68, 1736-41	3.9	90
44	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> , <b>1999</b> , 72, 63-5	4.8	139
43	Vascular endothelial growth factor, nitric oxide, and leptin follicular fluid levels correlate negatively with embryo quality in IVF patients. <i>Fertility and Sterility</i> , <b>1999</b> , 72, 1024-6	4.8	113
42	Inhibin-B: the physiologic basis of the clomiphene citrate challenge test for ovarian reserve screening. <i>Fertility and Sterility</i> , <b>1998</b> , 69, 474-7	4.8	68
41	Dimeric inhibin: a direct marker of ovarian aging. <i>Fertility and Sterility</i> , <b>1998</b> , 70, 119-23	4.8	122

40	Elevated level of follicular fluid vascular endothelial growth factor is a marker of diminished pregnancy potential. <i>Fertility and Sterility</i> , <b>1998</b> , 70, 836-9	4.8	54
39	Interleukin-1 beta modulates prostaglandin and progesterone production by primate luteal cells in vitro. <i>Biology of Reproduction</i> , <b>1997</b> , 56, 663-7	3.9	21
38	Follicular fluid vascular endothelial growth factor concentrations are elevated in women of advanced reproductive age undergoing ovulation induction. <i>Fertility and Sterility</i> , <b>1997</b> , 68, 607-12	4.8	94
37	Identification of gonadotrophin surge-inhibiting factor (GnSIF)/attenuin in human follicular fluid. <i>Human Reproduction</i> , <b>1996</b> , 11, 490-6	5.7	10
36	Ovarian control of follicle development. <i>American Journal of Obstetrics and Gynecology</i> , <b>1995</b> , 172, 736-47	4.4	69
35	Endocrine and paracrine control of oocyte development. <i>American Journal of Obstetrics and Gynecology</i> , <b>1995</b> , 172, 747-52	6.4	43
34	Early follicle growth in the juvenile macaca monkey ovary: the effects of estrogen priming and follicle-stimulating hormone. <i>Biology of Reproduction</i> , <b>1994</b> , 50, 686-94	3.9	32
33	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> , <b>1994</b> , 1, 290-6		3
32	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> , <b>1994</b> , 79, 91-97	5.6	31
31	Antide bioavailability: single dose administration for suppression of testosterone and inhibin in male monkeys. <i>Contraception</i> , <b>1992</b> , 45, 155-66	2.5	0
30	GnRH antagonists suppress prolactin release in non-human primates. <i>Contraception</i> , <b>1992</b> , 45, 369-78	2.5	6
29	GnRH Antagonists: Primate Models for Clinical Indications <b>1992</b> , 332-346		
28	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> , <b>1991</b> , 44, 701-6	3.9	21
27	Early folliculogenesis in primate ovaries: testing the role of estrogen. <i>Biology of Reproduction</i> , <b>1991</b> , 45, 890-7	3.9	32
26	Inhibition of pituitary gonadotropin secretion by the gonadotropin-releasing hormone antagonist antide. I. In vitro studies on mechanism of action. <i>Endocrinology</i> , <b>1991</b> , 128, 2036-40	4.8	9
25	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> , <b>1991</b> , 128, 2041-4	4.8	9
24	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> , <b>1991</b> , 73, 1262-8	5.6	10
23	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, under a Cooperative Agreement (DPE 2014-A-00-6063-00) with the United States Agency for International Development (A.I.D.), and Serono Laboratories, Inc., Norwell, Massachusetts. The views expressed by the authors do not necessarily. <i>Fertility and Sterility</i> , <b>1990</b> , 54, 1140-1145	4.8	41

22	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> , <b>1990</b> , 70, 554-6	5.6	27
21	In vivo and in vitro modulation of gonadotropin-releasing hormone metabolism by estradiol and progesterone. <i>Endocrinology</i> , <b>1990</b> , 127, 319-24	4.8	13
20	Single dose long-term suppression of testosterone secretion by a gonadotropin-releasing hormone antagonist (Antide) in male monkeys. <i>Contraception</i> , <b>1990</b> , 42, 209-14	2.5	20
19	Intermittent GnRH antagonist plus progestin contraception conserving tonic ovarian estrogen secretion and reducing progestin exposure. <i>Contraception</i> , <b>1990</b> , 41, 623-31	2.5	7
18	GnRH Antagonists: New Developments for Indications in Reproductive Medicine <b>1990</b> , 213-220		
17	Effects of ovarian tissue reduction on the menstrual cycle: persistent normalcy after near-total oophorectomy. <i>Biology of Reproduction</i> , <b>1989</b> , 41, 355-60	3.9	13
16	Contraceptive potential of RU 486 by ovulation inhibition: I. Pituitary versus ovarian action with blockade of estrogen-induced endometrial proliferation. <i>Contraception</i> , <b>1989</b> , 40, 171-84	2.5	54
15	Contraceptive potential of RU 486 by ovulation inhibition: II. Suppression of pituitary gonadotropin secretion in vitro. <i>Contraception</i> , <b>1989</b> , 40, 185-93	2.5	23
14	Contraceptive potential of RU 486 by ovulation inhibition: III. Preliminary observations on once weekly oral administration. <i>Contraception</i> , <b>1989</b> , 40, 195-200	2.5	23
13	"Sunday start" multiphasic oral contraception: ovulation prevention and delayed follicular atresia in primates. <i>Contraception</i> , <b>1989</b> , 39, 321-30	2.5	9
12	Probing studies on multiple dose effects of antide (Nal-Lys) GnRH antagonist in ovariectomized monkeys. <i>Contraception</i> , <b>1989</b> , 40, 623-33	2.5	30
11	Gonadotropin-Releasing Hormone Infusion Interval: Importance in Pharmacodynamics. <i>Journal of Medical Primatology</i> , <b>1989</b> , 18, 373-382	0.7	
10	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> , <b>1988</b> , 43, 635-42	6.8	1
9	Prolonged duration of gonadotropin inhibition by a third generation GnRH antagonist. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1988</b> , 67, 1325-7	5.6	50
8	Subcutaneous Implantable Infusion Device for Chronic Intravenous Pulsatile Gonadotropin-Releasing Hormone Treatment. <i>Journal of Medical Primatology</i> , <b>1988</b> , 17, 281-285	0.7	4
7	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> , <b>1988</b> , 259, 3290-3295	27.4	15
6	Identification of gonadotropin surge-inhibiting factor (GnSIF) in follicular fluid and its differentiation from inhibin. <i>Biology of Reproduction</i> , <b>1987</b> , 37, 1075-82	3.9	50
5	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> , <b>1987</b> , 48, 480-5	4.8	34

4	Characterization of corpora lutea in monkeys after superovulation with human menopausal gonadotropin or follicle-stimulating hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1986</b> , 62, 833-9	5.6	18
3	Laboratory instrument interface system (LIIS): a unit for the acquisition, temporary storage and transfer of data to a microcomputer. <i>Computers in Biology and Medicine</i> , <b>1985</b> , 15, 95-101	7	
2	Modulation of membrane fluidity in the primate ( <i>Macaca mulatta</i> ) corpus luteum: correlation with changes in gonadotropin binding. <i>Endocrinology</i> , <b>1985</b> , 117, 755-61	4.8	11
1	Evidence for two populations of masked gonadotropin-binding sites in the corpus luteum of the rhesus monkey ( <i>Macaca mulatta</i> ). <i>Endocrinology</i> , <b>1985</b> , 117, 747-54	4.8	8