

# Nigel P Groome

## List of Publications by Year in descending order

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71  
papers

5,347  
citations

87843

38  
h-index

98753

67  
g-index

72  
all docs

72  
docs citations

72  
times ranked

4083  
citing authors

#	ARTICLE	IF	CITATIONS
1	Examination of testicular lumicrine regulation of activins and immunoregulatory genes in the epididymal caput. <i>Andrology</i> , 2022, 10, 190-201.	1.9	2
2	Investigation of activin A in inflammatory responses of the testis and its role in the development of testicular fibrosis. <i>Human Reproduction</i> , 2019, 34, 1536-1550.	0.4	15
3	Activin over-expression in the testis of mice lacking the inhibin $\beta$ -subunit gene is associated with androgen deficiency and regression of the male reproductive tract. <i>Molecular and Cellular Endocrinology</i> , 2018, 470, 188-198.	1.6	6
4	Weighting of orthostatic intolerance time measurements with standing difficulty score stratifies ME/CFS symptom severity and analyte detection. <i>Journal of Translational Medicine</i> , 2018, 16, 97.	1.8	12
5	A new "total" activin B enzyme-linked immunosorbent assay (ELISA): development and validation for human samples. <i>Clinical Endocrinology</i> , 2009, 71, 867-873.	1.2	38
6	Development of a new antibody to the human inhibin/activin $\beta$ subunit and its application to improved inhibin B ELISAs. <i>Journal of Immunological Methods</i> , 2008, 329, 102-111.	0.6	18
7	Evaluation of the relationship between follicular fluid oxidative stress, ovarian hormones, and response to gonadotropin stimulation. <i>Fertility and Sterility</i> , 2008, 89, 912-921.	0.5	99
8	Nuclear and Cytoplasmic Expression of ER $\beta$ 1, ER $\beta$ 2, and ER $\beta$ 5 Identifies Distinct Prognostic Outcome for Breast Cancer Patients. <i>Clinical Cancer Research</i> , 2008, 14, 5228-5235.	3.2	207
9	Deregulation of the activin/follistatin system in hepatocarcinogenesis. <i>Journal of Hepatology</i> , 2006, 45, 673-680.	1.8	64
10	Meat and Livestock Association Plenary Lecture 2005. Oocyte signalling molecules and their effects on reproduction in ruminants. <i>Reproduction, Fertility and Development</i> , 2006, 18, 403.	0.1	40
11	Follicular and Hormonal Dynamics during the Estrous Cycle in Goats. <i>Journal of Reproduction and Development</i> , 2005, 51, 455-463.	0.5	39
12	ER $\beta$ isoform expression in colorectal carcinoma: an in vivo and in vitro study of clinicopathological and molecular correlates. <i>Journal of Pathology</i> , 2005, 207, 53-60.	2.1	83
13	Bone morphogenetic protein 15 and growth differentiation factor 9 co-operate to regulate granulosa cell function in ruminants. <i>Reproduction</i> , 2005, 129, 481-487.	1.1	179
14	Anti-Müllerian Hormone Protein Expression Is Reduced during the Initial Stages of Follicle Development in Human Polycystic Ovaries. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 5536-5543.	1.8	144
15	Adenoviral Gene Transfer Allows Smad-Responsive Gene Promoter Analyses and Delineation of Type I Receptor Usage of Transforming Growth Factor- $\beta$ Family Ligands in Cultured Human Granulosa Luteal Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 271-278.	1.8	48
16	Bone morphogenetic protein 15 and growth differentiation factor 9 co-operate to regulate granulosa cell function. <i>Reproduction</i> , 2005, 129, 473-480.	1.1	144
17	Anti-Müllerian hormone expression pattern in the human ovary: potential implications for initial and cyclic follicle recruitment. <i>Molecular Human Reproduction</i> , 2004, 10, 77-83.	1.3	1,053
18	Cell-specific expression of $\beta$ -activin in the rat reproductive tract, adrenal and liver. <i>Molecular and Cellular Endocrinology</i> , 2004, 222, 61-69.	1.6	32

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19	Ovarian Dynamics and Their Associations with Peripheral Concentrations of Gonadotropins, Ovarian Steroids, and Inhibin During the Estrous Cycle in Goats <sup>1</sup> . <i>Biology of Reproduction</i> , 2003, 69, 57-63.	1.2	79
20	Changes in activin and activin receptor subunit expression in rat liver during the development of CCl <sub>4</sub> -induced cirrhosis. <i>Molecular and Cellular Endocrinology</i> , 2003, 201, 143-153.	1.6	29
21	Oocyte-Mediated Suppression of Follicle-Stimulating Hormone- and Insulin-Like Growth Factor-Induced Secretion of Steroids and Inhibin-Related Proteins by Bovine Granulosa Cells In Vitro: Possible Role of Transforming Growth Factor $\beta$ <sup>1</sup> . <i>Biology of Reproduction</i> , 2003, 68, 758-765.	1.2	45
22	Localization and Secretion of Inhibins in the Equine Fetal Ovaries <sup>1</sup> . <i>Biology of Reproduction</i> , 2003, 68, 328-335.	1.2	23
23	Growth Differentiation Factor-9 Induces Smad2 Activation and Inhibin B Production in Cultured Human Granulosa-Luteal Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 755-762.	1.8	113
24	Activin $\beta$ <sup>2</sup> C-Subunit Heterodimers Provide a New Mechanism of Regulating Activin Levels in the Prostate. <i>Endocrinology</i> , 2003, 144, 4410-4419.	1.4	63
25	Differential Expression of Two Estrogen Receptor $\beta$ <sup>2</sup> Isoforms in the Human Fetal Testis during the Second Trimester of Pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 424-432.	1.8	67
26	Concentrations of Serum Total Activin A and Inhibin A in Preterm and Term Labor Patients: A Cross-Sectional Study. <i>Journal of the Society for Gynecologic Investigation</i> , 2003, 10, 231-236.	1.9	3
27	Growth Differentiation Factor 9 and Bone Morphogenetic Protein 15 Are Essential for Ovarian Follicular Development in Sheep <sup>1</sup> . <i>Biology of Reproduction</i> , 2002, 67, 1777-1789.	1.2	266
28	Wild-Type Estrogen Receptor (ER $\beta$ <sup>2</sup> 1) and the Splice Variant (ER $\beta$ <sup>2</sup> cx/ $\beta$ <sup>2</sup> 2) Are Both Expressed within the Human Endometrium throughout the Normal Menstrual Cycle. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 5265-5273.	1.8	86
29	ER $\beta$ <sup>2</sup> 1 and the ER $\beta$ <sup>2</sup> 2 Splice Variant (ER $\beta$ <sup>2</sup> cx/ $\beta$ <sup>2</sup> 2) Are Expressed in Distinct Cell Populations in the Adult Human Testis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 2706-2715.	1.8	119
30	Human oestrogen receptors: differential expression of ER $\alpha$ and $\beta$ and the identification of ER $\beta$ variants. <i>Steroids</i> , 2002, 67, 985-992.	0.8	77
31	Circulating Inhibin A and Inhibin B in Normal Menstrual Cycle during Breeding Seasons of Japanese Monkeys.. <i>Journal of Reproduction and Development</i> , 2002, 48, 355-361.	0.5	4
32	Characterization of serum activin-A and follistatin and their relation to virological and histological determinants in chronic viral hepatitis. <i>Journal of Hepatology</i> , 2001, 34, 576-583.	1.8	39
33	Inhibins in the Male Göttingen Miniature Pig: Leydig Cells Are the Predominant Source of Inhibin B. <i>Journal of Andrology</i> , 2001, 22, 953-960.	2.0	20
34	Changes in Plasma Inhibin A Levels During Sexual Maturation in the Female Chicken and the Effects of Active Immunization Against Inhibin $\beta$ <sup>2</sup> -Subunit on Reproductive Hormone Profiles and Ovarian Function <sup>1</sup> . <i>Biology of Reproduction</i> , 2001, 64, 188-196.	1.2	32
35	Plasma Inhibin A in Heifers: Relationship with Follicle Dynamics, Gonadotropins, and Steroids During the Estrous Cycle and after Treatment with Bovine Follicular Fluid <sup>1</sup> . <i>Biology of Reproduction</i> , 2001, 64, 743-752.	1.2	77
36	Interactions Between Follicle-Stimulating Hormone and Growth Factors in Modulating Secretion of Steroids and Inhibin-Related Peptides by Nonluteinized Bovine Granulosa Cells <sup>1</sup> . <i>Biology of Reproduction</i> , 2001, 65, 1020-1028.	1.2	101

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37	Regulation of Follicle-Stimulating Hormone Secretion by Estradiol and Dimeric Inhibins in the Infantile Female Rat. <i>Biology of Reproduction</i> , 2001, 65, 1623-1633.	1.2	31
38	Regulation of Activin A, Inhibin A, and Follistatin Production in Human Amnion and Chorionic Decidua Explants by Inflammatory Mediators. <i>Journal of the Society for Gynecologic Investigation</i> , 2000, 7, 291-296.	1.9	17
39	Changes in Plasma Concentrations of Inhibin A and Inhibin B Throughout Sexual Maturation in the Male Chimpanzee. <i>Endocrine Journal</i> , 2000, 47, 707-714.	0.7	21
40	Maternal serum total activin A and follistatin in pregnancy and parturition. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2000, 107, 995-1000.	1.1	48
41	Serum inhibin, activin and follistatin in postmenopausal women with epithelial ovarian carcinoma. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2000, 107, 1069-1074.	1.1	33
42	Corticotropin-releasing hormone, corticotropin-releasing hormone-binding protein, and activin A in maternal serum: Prediction of preterm delivery and response to glucocorticoids in women with symptoms of preterm labor. <i>American Journal of Obstetrics and Gynecology</i> , 2000, 183, 643-648.	0.7	44
43	Differential Expression of Estrogen Receptor- $\alpha$ and $\beta$ and Androgen Receptor in the Ovaries of Marmosets and Humans. <i>Biology of Reproduction</i> , 2000, 63, 1098-1105.	1.2	165
44	Localization of Activin $\alpha$ , $\beta$ , and $\gamma$ -Subunits in Human Prostate and Evidence for Formation of New Activin Heterodimers of $\gamma$ -Subunit 1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 4851-4858.	1.8	89
45	Does Measurement of Inhibin Have a Clinical Role?. <i>Annals of Clinical Biochemistry</i> , 2000, 37, 419-431.	0.8	19
46	Dose-finding study of oral desogestrel with testosterone pellets for suppression of the pituitary-testicular axis in normal men*. <i>Human Reproduction</i> , 2000, 15, 1515-1524.	0.4	51
47	Production of inhibin forms by the fetal membranes, decidua, placenta and fetus at parturition. <i>Human Reproduction</i> , 2000, 15, 578-583.	0.4	36
48	Measurement of Dimeric Inhibins and Effects of Active Immunization Against Inhibin $\alpha$ -Subunit on Plasma Hormones and Testis Morphology in the Developing Cockerel. <i>Biology of Reproduction</i> , 2000, 63, 213-221.	1.2	23
49	Inhibin Pro- $\alpha$ C as the Marker of Testicular Function in the Stallion. <i>Journal of Reproduction and Development</i> , 2000, 46, 201-206.	0.5	4
50	A selective increase in circulating inhibin and inhibin pro- $\alpha$ C at the time of ovulation in the mare. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999, 277, E870-E875.	1.8	12
51	Differential Localization of Inhibin Subunit Proteins in the Ovine Testis during Fetal Gonadal Development*. <i>Endocrinology</i> , 1999, 140, 979-986.	1.4	36
52	Dimeric Inhibin A and B Production Are Differentially Regulated by Hormones and Local Factors in Rat Granulosa Cells*. <i>Endocrinology</i> , 1999, 140, 2549-2554.	1.4	56
53	Expression of Activin A and Follistatin Core Proteins by Human Prostate Tumor Cell Lines. <i>Endocrinology</i> , 1999, 140, 5303-5309.	1.4	52
54	Amniotic fluid levels of dimeric inhibins, pro- $\alpha$ C inhibin, activin A and follistatin in Down's syndrome. <i>Clinical Endocrinology</i> , 1999, 50, 669-673.	1.2	20

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55	Expression of Activin A and Follistatin Core Proteins by Human Prostate Tumor Cell Lines. <i>Endocrinology</i> , 1999, 140, 5303-5309.	1.4	20
56	Differential Localization of Inhibin Subunit Proteins in the Ovine Testis during Fetal Gonadal Development. <i>Endocrinology</i> , 1999, 140, 979-986.	1.4	17
57	Inhibin-B and pro- $\beta$ C-containing inhibins in amniotic fluid from chromosomally normal and Down syndrome pregnancies. , 1998, 18, 213-217.		10
58	Inhibin A and pro- $\beta$ C inhibin in Down syndrome and normal pregnancies. , 1998, 18, 1122-1126.		15
59	Biphasic Increase in Serum Inhibin B during Puberty: A Longitudinal Study of Healthy Finnish Boys. <i>Pediatric Research</i> , 1998, 44, 552-556.	1.1	30
60	Effects of Chemotherapy-Induced Testicular Damage on Inhibin, Gonadotropin, and Testosterone Secretion: A Prospective Longitudinal Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 3111-3115.	1.8	99
61	Testicular Expression of Inhibin and Activin Subunits and Follistatin in the Rat and Human Fetus and Neonate and During Postnatal Development in the Rat <sup>1</sup> . <i>Endocrinology</i> , 1997, 138, 2136-2147.	1.4	106
62	Dimeric Inhibins in Amniotic Fluid, Maternal Serum, and Fetal Serum in Human Pregnancy <sup>1</sup> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 218-222.	1.8	78
63	Inhibin B as a Serum Marker of Spermatogenesis: Correlation to Differences in Sperm Concentration and Follicle-Stimulating Hormone Levels. A Study of 349 Danish Men <sup>1</sup> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 4059-4063.	1.8	249
64	Maternal serum inhibin-A in pregnancies complicated by insulin dependent diabetes mellitus. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1997, 104, 946-948.	1.1	20
65	IMMUNOHISTOCHEMICAL EXPRESSION OF INHIBIN/ACTIVIN SUBUNITS IN EPITHELIAL AND GRANULOSA CELL TUMOURS OF THE OVARY. , 1997, 181, 413-418.		49
66	Second trimester screening for Down's syndrome using maternal serum dimeric inhibin A. <i>Clinical Endocrinology</i> , 1996, 44, 17-21.	1.2	72
67	Dimeric Inhibin A as a Marker for Down's Syndrome in Early Pregnancy. <i>New England Journal of Medicine</i> , 1996, 334, 1231-1236.	13.9	177
68	Localization of inhibin/activin subunits in the testis of adult nonhuman primates and men. <i>Cell and Tissue Research</i> , 1993, 273, 261-268.	1.5	63
69	An inhibition enzyme immunoassay for myelin basic protein. <i>Neurochemistry International</i> , 1983, 5, 81-88.	1.9	5
70	Enzyme-Linked Immunoabsorbent Assays for Myelin Basic Protein and Antibodies to Myelin Basic Protein. <i>Journal of Neurochemistry</i> , 1980, 35, 1409-1417.	2.1	44
71	Testicular Expression of Inhibin and Activin Subunits and Follistatin in the Rat and Human Fetus and Neonate and During Postnatal Development in the Rat. , 0, .		33