

# Peter A W Rogers

## List of Publications by Year in descending order

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78  
papers

3,562  
citations

136950

32  
h-index

144013

57  
g-index

80  
all docs

80  
docs citations

80  
times ranked

4033  
citing authors

#	ARTICLE	IF	CITATIONS
1	Priorities for Endometriosis Research: Recommendations From an International Consensus Workshop. <i>Reproductive Sciences</i> , 2009, 16, 335-346.	2.5	284
2	Recent advances in endometrial angiogenesis research. <i>Angiogenesis</i> , 2005, 8, 89-99.	7.2	189
3	Molecular classification of human endometrial cycle stages by transcriptional profiling. <i>Molecular Human Reproduction</i> , 2004, 10, 879-893.	2.8	186
4	Identification of nine new susceptibility loci for endometrial cancer. <i>Nature Communications</i> , 2018, 9, 3166.	12.8	178
5	Tumor Cell Response to Synchrotron Microbeam Radiation Therapy Differs Markedly From Cells in Normal Tissues. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 77, 886-894.	0.8	136
6	Defining Future Directions for Endometriosis Research: Workshop Report From the 2011 World Congress of Endometriosis in Montpellier, France. <i>Reproductive Sciences</i> , 2013, 20, 483-499.	2.5	131
7	Localization of vascular endothelial growth factor-D in malignant melanoma suggests a role in tumour angiogenesis. <i>Journal of Pathology</i> , 2001, 193, 147-154.	4.5	130
8	Research Priorities for Endometriosis: Recommendations From a Global Consortium of Investigators in Endometriosis. <i>Reproductive Sciences</i> , 2017, 24, 202-226.	2.5	124
9	Angiogenesis occurs by vessel elongation in proliferative phase human endometrium. <i>Human Reproduction</i> , 2002, 17, 1199-1206.	0.9	107
10	A model to show human uterine receptivity and embryo viability following ovarian stimulation for in vitro fertilization. <i>Journal of in Vitro Fertilization and Embryo Transfer: IVF</i> , 1986, 3, 93-98.	0.8	100
11	Comparative toxicity of synchrotron and conventional radiation therapy based on total and partial body irradiation in a murine model. <i>Scientific Reports</i> , 2018, 8, 12044.	3.3	90
12	Endometrial Angiogenesis, Vascular Maturation, and Lymphangiogenesis. <i>Reproductive Sciences</i> , 2009, 16, 147-151.	2.5	85
13	In vitro culture significantly alters gene expression profiles and reduces differences between myometrial and fibroid smooth muscle cells. <i>Molecular Human Reproduction</i> , 2006, 12, 187-207.	2.8	84
14	Endometrial Endothelial Cell Steroid Receptor Expression and Steroid Effects on Gene Expression. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 1812-1818.	3.6	82
15	Clonality of smooth muscle and fibroblast cell populations isolated from human fibroid and myometrial tissues. <i>Molecular Human Reproduction</i> , 2014, 20, 250-259.	2.8	77
16	Fibroids display an anti-angiogenic gene expression profile when compared with adjacent myometrium. <i>Molecular Human Reproduction</i> , 2003, 9, 541-549.	2.8	74
17	The role of progesterone in endometrial angiogenesis in pregnant and ovariectomised mice. <i>Reproduction</i> , 2005, 129, 765-777.	2.6	74
18	Regulation of endometrial vascular remodelling: role of the vascular endothelial growth factor family and the angiotensin-TIE signalling system. <i>Reproduction</i> , 2009, 138, 883-893.	2.6	72

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19	Lymphangiogenesis of normal endometrium and endometrial adenocarcinoma. <i>Human Reproduction</i> , 2007, 22, 1705-1713.	0.9	58
20	Endometriosis risk alleles at 1p36.12 act through inverse regulation of CDC42 and LINC00339. <i>Human Molecular Genetics</i> , 2016, 25, dww320.	2.9	56
21	Identifying the Biological Basis of GWAS Hits for Endometriosis 1. <i>Biology of Reproduction</i> , 2015, 92, 87.	2.7	55
22	17 $\beta$ -Estradiol Up-Regulates Vascular Endothelial Growth Factor Receptor-2 Expression in Human Myometrial Microvascular Endothelial Cells: Role of Estrogen Receptor- $\alpha$ and - $\beta$ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 4341-4349.	3.6	51
23	Endometrial arteriogenesis: Vascular smooth muscle cell proliferation and differentiation during the menstrual cycle and changes associated with endometrial bleeding disorders. <i>Microscopy Research and Technique</i> , 2003, 60, 412-419.	2.2	51
24	Genetic regulation of disease risk and endometrial gene expression highlights potential target genes for endometriosis and polycystic ovarian syndrome. <i>Scientific Reports</i> , 2018, 8, 11424.	3.3	49
25	Pathophysiology of fibroid disease: angiogenesis and regulation of smooth muscle proliferation. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2008, 22, 603-614.	2.8	45
26	Lymphatics in the human endometrium disappear during decidualization. <i>Human Reproduction</i> , 2010, 25, 2455-2464.	0.9	44
27	An Evaluation of Dose Equivalence between Synchrotron Microbeam Radiation Therapy and Conventional Broadbeam Radiation Using Clonogenic and Cell Impedance Assays. <i>PLoS ONE</i> , 2014, 9, e100547.	2.5	43
28	Tissue specific regulation of transcription in endometrium and association with disease. <i>Human Reproduction</i> , 2020, 35, 377-393.	0.9	43
29	Retinoic acid pathway genes show significantly altered expression in uterine fibroids when compared with normal myometrium. <i>Molecular Human Reproduction</i> , 2007, 13, 577-585.	2.8	38
30	Progesterone, But Not Estrogen, Stimulates Vessel Maturation in the Mouse Endometrium. <i>Endocrinology</i> , 2007, 148, 5433-5441.	2.8	37
31	The normal tissue effects of microbeam radiotherapy: What do we know, and what do we need to know to plan a human clinical trial?. <i>International Journal of Radiation Biology</i> , 2016, 92, 302-311.	1.8	36
32	Estrogen receptor-alpha and -beta expression in microvascular endothelial cells and smooth muscle cells of myometrium and leiomyoma. <i>Molecular Human Reproduction</i> , 2002, 8, 770-775.	2.8	34
33	Functional evaluation of genetic variants associated with endometriosis near GREB1. <i>Human Reproduction</i> , 2015, 30, 1263-1275.	0.9	33
34	Increased Expression of the Relaxin Receptor (LGR7) in Human Endometrium during the Secretory Phase of the Menstrual Cycle. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 3477-3485.	3.6	32
35	The genetic regulation of transcription in human endometrial tissue. <i>Human Reproduction</i> , 2017, 32, 893-904.	0.9	32
36	Genome-Wide Transcription Responses to Synchrotron Microbeam Radiotherapy. <i>Radiation Research</i> , 2012, 178, 249.	1.5	31

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37	Endometrial sex steroid receptor expression in women with menorrhagia. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1994, 101, 428-434.	2.3	29
38	Reference dosimetry at the Australian Synchrotron's imaging and medical beamline using free-air ionization chamber measurements and theoretical predictions of air kerma rate and half value layer. <i>Medical Physics</i> , 2013, 40, 062103.	3.0	27
39	Retinoids regulate genes involved in retinoic acid synthesis and transport in human myometrial and fibroid smooth muscle cells. <i>Human Reproduction</i> , 2008, 23, 1076-1086.	0.9	26
40	Genetic regulation of methylation in human endometrium and blood and gene targets for reproductive diseases. <i>Clinical Epigenetics</i> , 2019, 11, 49.	4.1	26
41	A multi-level investigation of the genetic relationship between endometriosis and ovarian cancer histotypes. <i>Cell Reports Medicine</i> , 2022, 3, 100542.	6.5	26
42	Differences in the cellular composition of small versus large uterine fibroids. <i>Reproduction</i> , 2016, 152, 467-480.	2.6	25
43	Endometrial vezatin and its association with endometriosis risk. <i>Human Reproduction</i> , 2016, 31, 999-1013.	0.9	25
44	Oocyte donation: a review. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1989, 96, 893-899.	2.3	22
45	In situ Biological Dose Mapping Estimates the Radiation Burden Delivered to "Spared" Tissue between Synchrotron X-Ray Microbeam Radiotherapy Tracks. <i>PLoS ONE</i> , 2012, 7, e29853.	2.5	22
46	In Vitro Study of Genes and Molecular Pathways Differentially Regulated by Synchrotron Microbeam Radiotherapy. <i>Radiation Research</i> , 2014, 182, 626.	1.5	22
47	Expression and regulation of fucosyltransferase 4 in human endometrium. <i>Reproduction</i> , 2008, 136, 117-123.	2.6	21
48	Estrogen Receptor- $\beta$ Agonists Promote Angiogenesis in Human Myometrial Microvascular Endothelial Cells. <i>Journal of the Society for Gynecologic Investigation</i> , 2004, 11, 529-535.	1.7	20
49	Fibroid-Associated Heavy Menstrual Bleeding: Correlation Between Clinical Features, Doppler Ultrasound Assessment of Vasculature, and Tissue Gene Expression Profiles. <i>Reproductive Sciences</i> , 2013, 20, 361-370.	2.5	20
50	Aberrant expression and regulation of NR2F2 and CTNNB1 in uterine fibroids. <i>Reproduction</i> , 2013, 146, 91-102.	2.6	19
51	Synchrotron microbeam radiotherapy evokes a different early tumor immunomodulatory response to conventional radiotherapy in EMT6.5 mammary tumors. <i>Radiotherapy and Oncology</i> , 2019, 133, 93-99.	0.6	19
52	Genetic analyses of gynecological disease identify genetic relationships between uterine fibroids and endometrial cancer, and a novel endometrial cancer genetic risk region at the WNT4 1p36.12 locus. <i>Human Genetics</i> , 2021, 140, 1353-1365.	3.8	18
53	Vascular endothelial growth factor-A isoform and (co)receptor expression are differentially regulated by 17 $\beta$ -oestradiol in the ovariectomised mouse uterus. <i>Reproduction</i> , 2010, 140, 331-341.	2.6	16
54	The Association of Sonographic Evidence of Adenomyosis with Severe Endometriosis and Gene Expression in Eutopic Endometrium. <i>Journal of Minimally Invasive Gynecology</i> , 2019, 26, 941-948.	0.6	15

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55	Molecular profiling of human endometrium during the menstrual cycle. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2006, 46, 154-158.	1.0	14
56	Synchrotron microbeam radiotherapy in a commercially available treatment planning system. Biomedical Physics and Engineering Express, 2017, 3, 025001.	1.2	14
57	Dilated Thin-Walled Blood and Lymphatic Vessels in Human Endometrium: A Potential Role for VEGF-D in Progesterin-Induced Break-Through Bleeding. PLoS ONE, 2012, 7, e30916.	2.5	14
58	Image guidance protocol for synchrotron microbeam radiation therapy. Journal of Synchrotron Radiation, 2016, 23, 566-573.	2.4	12
59	Differential expression of vascular endothelial growth factor-A isoforms in the mouse uterus during early pregnancy. Reproductive BioMedicine Online, 2010, 21, 803-811.	2.4	11
60	The endometrial lymphatic vasculature: Function and dysfunction. Reviews in Endocrine and Metabolic Disorders, 2012, 13, 265-275.	5.7	11
61	Increased Expression of the Relaxin Receptor (LGR7) in Human Endometrium during the Secretory Phase of the Menstrual Cycle. Annals of the New York Academy of Sciences, 2005, 1041, 136-143.	3.8	10
62	Common fibroid-associated genes are differentially expressed in phenotypically dissimilar cell populations isolated from within human fibroids and myometrium. Reproduction, 2014, 147, 683-692.	2.6	10
63	Identification of genes differentially expressed in menstrual breakdown and repair. Molecular Human Reproduction, 2016, 22, 898-912.	2.8	10
64	Identifying optimal clinical scenarios for synchrotron microbeam radiation therapy: A treatment planning study. Physica Medica, 2019, 60, 111-119.	0.7	10
65	Expression of Fox Head Protein 1 in Human Eutopic Endometrium and Endometriosis. Reproductive Sciences, 2008, 15, 243-252.	2.5	9
66	Microbeam-irradiated tumour tissue possesses a different infrared absorbance profile compared to broad beam and sham-irradiated tissue. International Journal of Radiation Biology, 2013, 89, 79-87.	1.8	9
67	Elucidating the role of long intergenic non-coding RNA 339 in human endometrium and endometriosis. Molecular Human Reproduction, 2021, 27, .	2.8	9
68	Comparing endometriotic lesions with eutopic endometrium: time to shift focus?. Human Reproduction, 2021, 36, 2814-2823.	0.9	8
69	Identification and hormonal regulation of a novel form of NKp30 in human endometrial epithelium. European Journal of Immunology, 2008, 38, 216-226.	2.9	7
70	Is fibroid heterogeneity a significant issue for clinicians and researchers?. Reproductive BioMedicine Online, 2013, 27, 64-74.	2.4	7
71	Differential Gene Expression in Menstrual Endometrium From Women With Self-Reported Heavy Menstrual Bleeding. Reproductive Sciences, 2017, 24, 28-46.	2.5	7
72	An evaluation of novel real-time technology as a tool for measurement of radiobiological and radiation-induced bystander effects. Radiation and Environmental Biophysics, 2016, 55, 185-194.	1.4	5

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73	Timing of progesterone luteal support in natural cryopreserved embryo transfer cycles: back to basics. Reproductive BioMedicine Online, 2022, 45, 63-68.	2.4	5
74	The $\gamma$ H2AX DSB marker may not be a suitable biodosimeter to measure the biological MRT valley dose. International Journal of Radiation Biology, 2021, 97, 642-656.	1.8	4
75	Reduced vascular basement-membrane immunostaining in mucinous tumours of the ovary. , 1998, 79, 139-143.		3
76	Spatially Fractionated X-Ray Microbeams Elicit a More Sustained Immune and Inflammatory Response in the Brainstem than Homogenous Irradiation. Radiation Research, 2021, 196, 355-365.	1.5	2
77	Gene expression of the endocannabinoid system in endometrium through menstrual cycle. Scientific Reports, 2022, 12, .	3.3	2
78	To what extent does endometrial receptivity influence the outcome of assisted reproductive technology?. Journal of Assisted Reproduction and Genetics, 1998, 15, 177-179.	2.5	0