

# Serdar E Bulun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7588453/publications.pdf>

Version: 2024-02-01

190  
papers

16,791  
citations

13087

68  
h-index

15716

125  
g-index

193  
all docs

193  
docs citations

193  
times ranked

11082  
citing authors

#	ARTICLE	IF	CITATIONS
1	Endometriosis. <i>New England Journal of Medicine</i> , 2009, 360, 268-279.	13.9	1,621
2	Aromatase Cytochrome P450, The Enzyme Responsible for Estrogen Biosynthesis*. <i>Endocrine Reviews</i> , 1994, 15, 342-355.	8.9	1,095
3	Uterine Fibroids. <i>New England Journal of Medicine</i> , 2013, 369, 1344-1355.	13.9	518
4	Regulation of Aromatase Expression in Estrogen-Responsive Breast and Uterine Disease: From Bench to Treatment. <i>Pharmacological Reviews</i> , 2005, 57, 359-383.	7.1	455
5	Endometriosis. <i>Endocrine Reviews</i> , 2019, 40, 1048-1079.	8.9	416
6	Progesterone Action in Endometrial Cancer, Endometriosis, Uterine Fibroids, and Breast Cancer. <i>Endocrine Reviews</i> , 2013, 34, 130-162.	8.9	378
7	Progesterone Receptor Isoform A But Not B Is Expressed in Endometriosis <sup>1</sup> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 2897-2902.	1.8	363
8	Progesterone resistance in endometriosis: Link to failure to metabolize estradiol. <i>Molecular and Cellular Endocrinology</i> , 2006, 248, 94-103.	1.6	337
9	Prostaglandin E <sub>2</sub> Stimulates Aromatase Expression in Endometriosis-Derived Stromal Cells <sup>1</sup> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 600-606.	1.8	325
10	Progesterone Is Essential for Maintenance and Growth of Uterine Leiomyoma. <i>Endocrinology</i> , 2010, 151, 2433-2442.	1.4	295
11	Promoter Methylation Regulates Estrogen Receptor 2 in Human Endometrium and Endometriosis <sup>1</sup> . <i>Biology of Reproduction</i> , 2007, 77, 681-687.	1.2	287
12	The human CYP19 (aromatase P450) gene: update on physiologic roles and genomic organization of promoters. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2003, 86, 219-224.	1.2	284
13	Deficient 17 $\beta$ -Hydroxysteroid Dehydrogenase Type 2 Expression in Endometriosis: Failure to Metabolize 17 $\beta$ -Estradiol <sup>1</sup> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 4474-4480.	1.8	278
14	Aromatase: a key molecule in the pathophysiology of endometriosis and a therapeutic target. <i>Fertility and Sterility</i> , 1999, 72, 961-969.	0.5	232
15	Role of Estrogen Receptor- $\beta$ in Endometriosis. <i>Seminars in Reproductive Medicine</i> , 2012, 30, 39-45.	0.5	223
16	Treatment of endometriosis and chronic pelvic pain with letrozole and norethindrone acetate: a pilot study. <i>Fertility and Sterility</i> , 2004, 81, 290-296.	0.5	217
17	Aromatase P450 Gene Expression in Human Adipose Tissue. ROLE OF A Jak/STAT PATHWAY IN REGULATION OF THE ADIPOSE-SPECIFIC PROMOTER. <i>Journal of Biological Chemistry</i> , 1995, 270, 16449-16457.	1.6	204
18	Anastrozole and oral contraceptives: a novel treatment for endometriosis. <i>Fertility and Sterility</i> , 2005, 84, 300-304.	0.5	202

#	ARTICLE	IF	CITATIONS
19	Stimulation of Aromatase P450 Promoter (II) Activity in Endometriosis and Its Inhibition in Endometrium Are Regulated by Competitive Binding of Steroidogenic Factor-1 and Chicken Ovalbumin Upstream Promoter Transcription Factor to the Same cis-Acting Element. <i>Molecular Endocrinology</i> , 1999, 13, 239-253.	3.7	200
20	Estrogen Receptor- $\beta$ , Estrogen Receptor- $\alpha$ , and Progesterone Resistance in Endometriosis. <i>Seminars in Reproductive Medicine</i> , 2010, 28, 036-043.	0.5	197
21	Transcriptional Activation of Steroidogenic Factor-1 by Hypomethylation of the 5' CpG Island in Endometriosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 3261-3267.	1.8	181
22	Prostaglandin E2 Via Steroidogenic Factor-1 Coordinately Regulates Transcription of Steroidogenic Genes Necessary for Estrogen Synthesis in Endometriosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 623-631.	1.8	180
23	A Highly Complex Organization of the Regulatory Region of the Human CYP19 (Aromatase) Gene Revealed by the Human Genome Project. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4600-4602.	1.8	174
24	Aromatase, breast cancer and obesity: a complex interaction. <i>Trends in Endocrinology and Metabolism</i> , 2012, 23, 83-89.	3.1	167
25	Aromatase inhibitors: the next generation of therapeutics for endometriosis?. <i>Fertility and Sterility</i> , 2006, 85, 1307-1318.	0.5	166
26	Genome-Wide DNA Methylation Analysis Predicts an Epigenetic Switch for GATA Factor Expression in Endometriosis. <i>PLoS Genetics</i> , 2014, 10, e1004158.	1.5	154
27	Estrogen Excess Associated with Novel Gain-of-Function Mutations Affecting the Aromatase Gene. <i>New England Journal of Medicine</i> , 2003, 348, 1855-1865.	13.9	149
28	Menstruation: science and society. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 223, 624-664.	0.7	149
29	Paracrine activation of WNT/ $\beta$ -catenin pathway in uterine leiomyoma stem cells promotes tumor growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17053-17058.	3.3	148
30	Aromatase expression and regulation in breast and endometrial cancer. <i>Journal of Molecular Endocrinology</i> , 2016, 57, R19-R33.	1.1	148
31	Aromatase in endometriosis and uterine leiomyomata. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005, 95, 57-62.	1.2	138
32	Endometriosis and Ovarian Cancer. <i>International Journal of Gynecological Pathology</i> , 2011, 30, 553-568.	0.9	138
33	Estrogen Production and Metabolism in Endometriosis. <i>Annals of the New York Academy of Sciences</i> , 2002, 955, 75-85.	1.8	134
34	Stimulating the GPR30 Estrogen Receptor with a Novel Tamoxifen Analogue Activates SF-1 and Promotes Endometrial Cell Proliferation. <i>Cancer Research</i> , 2009, 69, 5415-5423.	0.4	133
35	Endocrine disorders associated with inappropriately high aromatase expression. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1997, 61, 133-139.	1.2	132
36	High Aromatase Expression in Uterine Leiomyoma Tissues of African-American Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 1752-1756.	1.8	129

#	ARTICLE	IF	CITATIONS
37	Endometriosis and nuclear receptors. <i>Human Reproduction Update</i> , 2019, 25, 473-485.	5.2	127
38	Role of Stem Cells in Human Uterine Leiomyoma Growth. <i>PLoS ONE</i> , 2012, 7, e36935.	1.1	126
39	Aromatase and estrogen receptor $\beta$ deficiency. <i>Fertility and Sterility</i> , 2014, 101, 323-329.	0.5	125
40	Role of aromatase in endometrial disease. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2001, 79, 19-25.	1.2	118
41	Aromatase and Endometriosis. <i>Seminars in Reproductive Medicine</i> , 2004, 22, 45-50.	0.5	115
42	Steroid receptor and aromatase expression in baboon endometriotic lesions. <i>Fertility and Sterility</i> , 2003, 80, 820-827.	0.5	111
43	Ovarian steroids, stem cells and uterine leiomyoma: therapeutic implications. <i>Human Reproduction Update</i> , 2015, 21, 1-12.	5.2	111
44	Organization of the Human Aromatase P450 (CYP19) Gene. <i>Seminars in Reproductive Medicine</i> , 2004, 22, 5-9.	0.5	110
45	Expression of transcripts of interleukin-6 and related cytokines by human breast tumors, breast cancer cells, and adipose stromal cells. <i>Molecular and Cellular Endocrinology</i> , 1996, 118, 215-220.	1.6	107
46	Genome-Wide DNA Methylation Indicates Silencing of Tumor Suppressor Genes in Uterine Leiomyoma. <i>PLoS ONE</i> , 2012, 7, e33284.	1.1	107
47	Estrogen Receptor (ER) $\beta$ Regulates ER $\alpha$ Expression in Stromal Cells Derived from Ovarian Endometriosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 615-622.	1.8	106
48	Aromatase inhibitors for the treatment of endometriosis. <i>Fertility and Sterility</i> , 2012, 98, 1370-1379.	0.5	103
49	Steroid Hormones and Leiomyomas. <i>Obstetrics and Gynecology Clinics of North America</i> , 2006, 33, 59-67.	0.7	97
50	Interleukin-1 $\beta$ Elevates Cyclooxygenase-2 Protein Level and Enzyme Activity via Increasing Its mRNA Stability in Human Endometrial Stromal Cells: An Effect Mediated by Extracellularly Regulated Kinases 1 and 2. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 3263-3273.	1.8	95
51	Molecular Biology of Endometriosis: From Aromatase to Genomic Abnormalities. <i>Seminars in Reproductive Medicine</i> , 2015, 33, 220-224.	0.5	93
52	Mechanisms of excessive estrogen formation in endometriosis. <i>Journal of Reproductive Immunology</i> , 2002, 55, 21-33.	0.8	88
53	Estrogen up-regulates cyclooxygenase-2 via estrogen receptor in human uterine microvascular endothelial cells. <i>Fertility and Sterility</i> , 2004, 81, 1351-1356.	0.5	87
54	CATACOMB: An endogenous inducible gene that antagonizes H3K27 methylation activity of Polycomb repressive complex 2 via an H3K27M-like mechanism. <i>Science Advances</i> , 2019, 5, eaax2887.	4.7	86

#	ARTICLE	IF	CITATIONS
55	Novel Estrogen Receptor- $\beta$ Binding Sites and Estradiol Target Genes Identified by Chromatin Immunoprecipitation Cloning in Breast Cancer. <i>Cancer Research</i> , 2007, 67, 5017-5024.	0.4	81
56	Stromal PRs Mediate Induction of 17 $\beta$ -Hydroxysteroid Dehydrogenase Type 2 Expression in Human Endometrial Epithelium: A Paracrine Mechanism for Inactivation Of E2. <i>Molecular Endocrinology</i> , 2001, 15, 2093-2105.	3.7	80
57	Cloning and Characterization of a Novel Endothelial Promoter of the Human CYP19 (Aromatase P450) Gene that Is Up-Regulated in Breast Cancer Tissue. <i>Molecular Endocrinology</i> , 2002, 16, 2243-2254.	3.7	80
58	Vascular Endothelial Growth Factor Up-Regulates Cyclooxygenase-2 Expression in Human Endothelial Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 3504-3507.	1.8	79
59	Progesterone Receptor Regulates Bcl-2 Gene Expression through Direct Binding to Its Promoter Region in Uterine Leiomyoma Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 4459-4466.	1.8	79
60	Progestins Activate the AKT Pathway in Leiomyoma Cells and Promote Survival. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 1768-1774.	1.8	78
61	Reactive Oxygen Species Mediate Mitogenic Growth Factor Signaling Pathways in Human Leiomyoma Smooth Muscle Cells. <i>Biology of Reproduction</i> , 2010, 82, 341-351.	1.2	78
62	Transcription Factor KLF11 Integrates Progesterone Receptor Signaling and Proliferation in Uterine Leiomyoma Cells. <i>Cancer Research</i> , 2010, 70, 1722-1730.	0.4	77
63	Genetic or Enzymatic Disruption of Aromatase Inhibits the Growth of Ectopic Uterine Tissue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 3460-3466.	1.8	76
64	Aromatase excess in cancers of breast, endometrium and ovary. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007, 106, 81-96.	1.2	75
65	Prostaglandin E2 Induces Breast Cancer-Related Aromatase Promoters via Activation of p38 and c-Jun NH2-Terminal Kinase in Adipose Fibroblasts. <i>Cancer Research</i> , 2007, 67, 8914-8922.	0.4	74
66	Regulation of Aromatase P450 Expression in Endometriotic and Endometrial Stromal Cells by CCAAT/Enhancer Binding Proteins (C/EBPs): Decreased C/EBP $\beta$ in Endometriosis Is Associated with Overexpression of Aromatase. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 2336-2345.	1.8	73
67	Steroidogenic factor-1 and endometriosis. <i>Molecular and Cellular Endocrinology</i> , 2009, 300, 104-108.	1.6	70
68	Genome-Wide Progesterone Receptor Binding: Cell Type-Specific and Shared Mechanisms in T47D Breast Cancer Cells and Primary Leiomyoma Cells. <i>PLoS ONE</i> , 2012, 7, e29021.	1.1	70
69	A Highly Complex Organization of the Regulatory Region of the Human CYP19 (Aromatase) Gene Revealed by the Human Genome Project. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4600-4602.	1.8	70
70	Regulation of breast cancer-associated aromatase promoters. <i>Cancer Letters</i> , 2009, 273, 15-27.	3.2	69
71	Upstream Stimulatory Factor-2 Regulates Steroidogenic Factor-1 Expression in Endometriosis. <i>Molecular Endocrinology</i> , 2008, 22, 904-914.	3.7	67
72	Epithelial Mutations in Endometriosis: Link to Ovarian Cancer. <i>Endocrinology</i> , 2019, 160, 626-638.	1.4	67

#	ARTICLE	IF	CITATIONS
73	Altered Retinoid Uptake and Action Contributes to Cell Survival in Endometriosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, E300-E309.	1.8	65
74	17 $\beta$ -Hydroxysteroid Dehydrogenase-2 Deficiency and Progesterone Resistance in Endometriosis. <i>Seminars in Reproductive Medicine</i> , 2010, 28, 044-050.	0.5	65
75	Human Uterine Leiomyoma Stem/Progenitor Cells Expressing CD34 and CD49b Initiate Tumors In Vivo. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E601-E606.	1.8	65
76	Adenomyosis pathogenesis: insights from next-generation sequencing. <i>Human Reproduction Update</i> , 2021, 27, 1086-1097.	5.2	63
77	Stimulation of Aromatase P450 Promoter (II) Activity in Endometriosis and Its Inhibition in Endometrium Are Regulated by Competitive Binding of Steroidogenic Factor-1 and Chicken Ovalbumin Upstream Promoter Transcription Factor to the Same cis-Acting Element. <i>Molecular Endocrinology</i> , 1999, 13, 239-253.	3.7	63
78	Tissue-specific Estrogen Biosynthesis and Metabolism. <i>Annals of the New York Academy of Sciences</i> , 2001, 949, 58-67.	1.8	62
79	Regional rearrangements in chromosome 15q21 cause formation of cryptic promoters for the CYP19 (aromatase) gene. <i>Human Molecular Genetics</i> , 2007, 16, 2529-2541.	1.4	62
80	WT1 and DAX-1 Inhibit Aromatase P450 Expression in Human Endometrial and Endometriotic Stromal Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 4369-4377.	1.8	61
81	WT1 and DAX-1 regulate SF-1-mediated human P450arom gene expression in gonadal cells. <i>Molecular and Cellular Endocrinology</i> , 2003, 208, 61-75.	1.6	61
82	Inhibition of canonical WNT signaling attenuates human leiomyoma cell growth. <i>Fertility and Sterility</i> , 2014, 101, 1441-1449.e1.	0.5	61
83	Aromatase Expression in Women's Cancers. <i>Advances in Experimental Medicine and Biology</i> , 2008, 630, 112-132.	0.8	59
84	Molecular Basis of Severe Gynecomastia Associated with Aromatase Expression in a Fibrolamellar Hepatocellular Carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 1797-1800.	1.8	58
85	Up-regulation of Cyclooxygenase-2 Expression and Prostaglandin Synthesis in Endometrial Stromal Cells by Malignant Endometrial Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 26208-26216.	1.6	58
86	Uterine Leiomyoma Stem Cells: Linking Progesterone to Growth. <i>Seminars in Reproductive Medicine</i> , 2015, 33, 357-365.	0.5	58
87	Retinoic Acid (RA) Regulates 17 $\beta$ -Hydroxysteroid Dehydrogenase Type 2 Expression in Endometrium: Interaction of RA Receptors with Specificity Protein (SP) 1/SP3 for Estradiol Metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 1915-1923.	1.8	54
88	Endocrinology of uterine fibroids. <i>Current Opinion in Obstetrics and Gynecology</i> , 2015, 27, 276-283.	0.9	52
89	Literature Review on the Role of Uterine Fibroids in Endometrial Function. <i>Reproductive Sciences</i> , 2018, 25, 635-643.	1.1	50
90	Generation of Progesterone-Responsive Endometrial Stromal Fibroblasts from Human Induced Pluripotent Stem Cells: Role of the WNT/CTNNB1 Pathway. <i>Stem Cell Reports</i> , 2018, 11, 1136-1155.	2.3	50

#	ARTICLE	IF	CITATIONS
91	Alternatively Spliced Transcripts of the Aromatase Cytochrome P450 (CYP19) Gene in Adipose Tissue of Women <sup>1</sup> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 70-74.	1.8	49
92	BRCA1 Negatively Regulates the Cancer-Associated Aromatase Promoters I.3 and II in Breast Adipose Fibroblasts and Malignant Epithelial Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 4514-4519.	1.8	47
93	The selective progesterone receptor modulator CDB4124 inhibits proliferation and induces apoptosis in uterine leiomyoma cells. <i>Fertility and Sterility</i> , 2010, 93, 2668-2673.	0.5	47
94	Endometriosis expresses a molecular pattern consistent with decreased retinoid uptake, metabolism and action. <i>Human Reproduction</i> , 2011, 26, 2157-2164.	0.4	46
95	Stromal cells of endometriosis fail to produce paracrine factors that induce epithelial 17 $\beta$ -hydroxysteroid dehydrogenase type 2 gene and its transcriptional regulator Sp1: a mechanism for defective estradiol metabolism. <i>American Journal of Obstetrics and Gynecology</i> , 2007, 196, 391.e1-391.e8.	0.7	45
96	Aromatase inhibition for refractory endometriosis-related chronic pelvic pain. <i>Fertility and Sterility</i> , 2011, 96, 939-942.	0.5	45
97	The Use of Aromatase Inhibitors for Ovulation Induction and Superovulation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 1838-1844.	1.8	44
98	Oncogenic exon 2 mutations in Mediator subunit MED12 disrupt allosteric activation of cyclin C-CDK8/19. <i>Journal of Biological Chemistry</i> , 2018, 293, 4870-4882.	1.6	44
99	A Novel Role of Sodium Butyrate in the Regulation of Cancer-associated Aromatase Promoters I.3 and II by Disrupting a Transcriptional Complex in Breast Adipose Fibroblasts. <i>Journal of Biological Chemistry</i> , 2006, 281, 2585-2597.	1.6	43
100	5-Hydroxymethylcytosine Promotes Proliferation of Human Uterine Leiomyoma: A Biological Link to a New Epigenetic Modification in Benign Tumors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2437-E2445.	1.8	43
101	Estrogen receptor $\beta$ regulates endometriotic cell survival through serum and glucocorticoid-inducible kinase activation. <i>Fertility and Sterility</i> , 2016, 105, 1266-1273.	0.5	43
102	Hypermethylation of the CpG Island Spanning From Exon II to Intron III is Associated With Steroidogenic Factor 1 Expression in Stromal Cells of Endometriosis. <i>Reproductive Sciences</i> , 2011, 18, 1080-1084.	1.1	42
103	Aromatase Promoter I.f is Regulated by Estrogen Receptor Alpha (ESR1) in Mouse Hypothalamic Neuronal Cell Lines <sup>1</sup> . <i>Biology of Reproduction</i> , 2009, 81, 956-965.	1.2	40
104	SP1 and SP3 Mediate Progesterone-Dependent Induction of the 17 $\beta$ Hydroxysteroid Dehydrogenase Type 2 Gene in Human Endometrium <sup>1</sup> . <i>Biology of Reproduction</i> , 2006, 75, 605-614.	1.2	39
105	A novel promoter controls Cyp19a1 gene expression in mouse adipose tissue. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 37.	1.4	39
106	A call for more transparency of registered clinical trials on endometriosis. <i>Human Reproduction</i> , 2009, 24, 1247-1254.	0.4	38
107	Decreased expression of microRNA-29 family in leiomyoma contributes to increased major fibrillar collagen production. <i>Fertility and Sterility</i> , 2016, 106, 766-772.	0.5	36
108	Progesterone receptor integrates the effects of mutated MED12 and altered DNA methylation to stimulate RANKL expression and stem cell proliferation in uterine leiomyoma. <i>Oncogene</i> , 2019, 38, 2722-2735.	2.6	36

#	ARTICLE	IF	CITATIONS
109	Novel Promoter I.8 and Promoter Usage in the CYP19 (Aromatase) Gene. <i>Reproductive Sciences</i> , 2008, 15, 1044-1053.	1.1	33
110	Estrogen Regulates Expression of Tumor Necrosis Factor Receptors in Breast Adipose Fibroblasts. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 4018-4024.	1.8	32
111	Methylation of a Novel CpG Island of Intron I Is Associated With Steroidogenic Factor I Expression in Endometriotic Stromal Cells. <i>Reproductive Sciences</i> , 2014, 21, 395-400.	1.1	32
112	Quantitative detection of alternatively spliced transcripts of the aromatase cytochrome P450 (CYP19) gene in aromatase-expressing human cells by competitive RT-PCR. <i>Molecular and Cellular Probes</i> , 1995, 9, 453-464.	0.9	31
113	Aromatase Deficiency and Estrogen Resistance: From Molecular Genetics to Clinic. <i>Seminars in Reproductive Medicine</i> , 2000, 18, 031-040.	0.5	31
114	Gut microbiota-derived short-chain fatty acids protect against the progression of endometriosis. <i>Life Science Alliance</i> , 2021, 4, e202101224.	1.3	31
115	Estrogen receptor-beta mediates cyclooxygenase-2 expression and vascular prostanoid levels in human placental villous endothelial cells. <i>American Journal of Obstetrics and Gynecology</i> , 2009, 200, 427.e1-427.e8.	0.7	30
116	A Humanized Pattern of Aromatase Expression Is Associated with Mammary Hyperplasia in Mice. <i>Endocrinology</i> , 2012, 153, 2701-2713.	1.4	29
117	Tissue-Specific Stem Cells in the Myometrium and Tumor-Initiating Cells in Leiomyoma1. <i>Biology of Reproduction</i> , 2014, 91, 149.	1.2	29
118	Activated glucocorticoid and eicosanoid pathways in Endometriosis. <i>Fertility and Sterility</i> , 2012, 98, 117-125.	0.5	28
119	Estrogen Receptor- $\beta$ and Fetoplacental Endothelial Prostanoid Biosynthesis: A Link to Clinically Demonstrated Fetal Growth Restriction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E1558-E1567.	1.8	27
120	HMGA2-mediated tumorigenesis through angiogenesis in leiomyoma. <i>Fertility and Sterility</i> , 2020, 114, 1085-1096.	0.5	27
121	Aromatase Expression in Uterine Leiomyomata Is Regulated Primarily by Proximal Promoters I.3/II. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 1979-1982.	1.8	26
122	Progesterone and Mifepristone Regulate L-Type Amino Acid Transporter 2 and 4F2 Heavy Chain Expression in Uterine Leiomyoma Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 4533-4539.	1.8	26
123	JunD and JunB Integrate Prostaglandin E <sub>2</sub> Activation of Breast Cancer-Associated Proximal Aromatase Promoters. <i>Molecular Endocrinology</i> , 2011, 25, 767-775.	3.7	26
124	Aberrant expression and localization of deoxyribonucleic acid methyltransferase 3B in Endometriotic stromal cells. <i>Fertility and Sterility</i> , 2015, 104, 953-963.e2.	0.5	26
125	Shift from androgen to estrogen action causes abdominal muscle fibrosis, atrophy, and inguinal hernia in a transgenic male mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10427-E10436.	3.3	26
126	Brain Aromatase and the Regulation of Sexual Activity in Male Mice. <i>Endocrinology</i> , 2020, 161, .	1.4	26



#	ARTICLE	IF	CITATIONS
127	CCAAT/Enhancer Binding Protein $\beta^2$ Regulates Aromatase Expression via Multiple and Novel Cis-Regulatory Sequences in Uterine Leiomyoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 981-991.	1.8	25
128	Dysfunctional MnSOD leads to redox dysregulation and activation of prosurvival AKT signaling in uterine leiomyomas. <i>Science Advances</i> , 2016, 2, e1601132.	4.7	24
129	The Essential Role of GATA6 in the Activation of Estrogen Synthesis in Endometriosis. <i>Reproductive Sciences</i> , 2019, 26, 60-69.	1.1	24
130	Genetic or Enzymatic Disruption of Aromatase Inhibits the Growth of Ectopic Uterine Tissue. , 0, .		24
131	Altered retinoid signaling compromises decidualization in human endometriotic stromal cells. <i>Reproduction</i> , 2017, 154, 207-216.	1.1	23
132	CD34 and CD49f Double-Positive and Lineage Marker-Negative Cells Isolated from Human Myometrium Exhibit Stem Cell-Like Properties Involved in Pregnancy-Induced Uterine Remodeling <sup>1</sup> . <i>Biology of Reproduction</i> , 2015, 93, 37.	1.2	22
133	Expression Profiling of Nuclear Receptors Identifies Key Roles of NR4A Subfamily in Uterine Fibroids. <i>Molecular Endocrinology</i> , 2013, 27, 726-740.	3.7	21
134	Cutting SRC-1 down to size in endometriosis. <i>Nature Medicine</i> , 2012, 18, 1016-1018.	15.2	19
135	Aromatase inhibitor treatment limits progression of peritoneal endometriosis in baboons. <i>Fertility and Sterility</i> , 2013, 99, 656-662.e3.	0.5	19
136	RANKL/RANK Pathway and Its Inhibitor RANK-Fc in Uterine Leiomyoma Growth. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1842-1849.	1.8	19
137	AMP-activated protein kinase and energy balance in breast cancer. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 197-213.	0.0	17
138	Paracrine-stimulated gene expression profile favors estradiol production in breast tumors. <i>Molecular and Cellular Endocrinology</i> , 2006, 253, 44-55.	1.6	16
139	Weight gain increases human aromatase expression in mammary gland. <i>Molecular and Cellular Endocrinology</i> , 2012, 355, 114-120.	1.6	15
140	Fenretinide:A Potential Treatment for Endometriosis. <i>Reproductive Sciences</i> , 2016, 23, 1139-1147.	1.1	15
141	Targeting DNA Methylation Depletes Uterine Leiomyoma Stem Cell-enriched Population by Stimulating Their Differentiation. <i>Endocrinology</i> , 2020, 161, .	1.4	15
142	Physiology and Pathology of the Female Reproductive Axis. , 2011, , 581-660.		15
143	Epigenomic and enhancer dysregulation in uterine leiomyomas. <i>Human Reproduction Update</i> , 2022, 28, 518-547.	5.2	15
144	Changes in aromatase (CYP19) gene promoter usage in non-small cell lung cancer. <i>Lung Cancer</i> , 2011, 73, 289-293.	0.9	14

#	ARTICLE	IF	CITATIONS
145	The AKT/BCL-2 Axis Mediates Survival of Uterine Leiomyoma in a Novel 3D Spheroid Model. <i>Endocrinology</i> , 2018, 159, 1453-1462.	1.4	14
146	Application of ex-vivo spheroid model system for the analysis of senescence and senolytic phenotypes in uterine leiomyoma. <i>Laboratory Investigation</i> , 2018, 98, 1575-1587.	1.7	14
147	Ovarian endometriosis: the nemesis of eggs. <i>Fertility and Sterility</i> , 2014, 101, 938-939.	0.5	13
148	Treatment of Endometriosis-Related Chronic Pelvic Pain with Ulipristal Acetate and Associated Endometrial Changes. , 2017, 2, 1-3.		13
149	Progesterone Resistance and Endometrial Disease. <i>Seminars in Reproductive Medicine</i> , 2010, 28, 003-003.	0.5	12
150	Steroids, Cytokines, and Implantation. <i>Endocrinology</i> , 2017, 158, 1575-1576.	1.4	12
151	Activation of protein kinase B by WNT4 as a regulator of uterine leiomyoma stem cell function. <i>Fertility and Sterility</i> , 2020, 114, 1339-1349.	0.5	12
152	GATA2 and Progesterone Receptor Interaction in Endometrial Stromal Cells Undergoing Decidualization. <i>Endocrinology</i> , 2020, 161, .	1.4	12
153	Epigenomic tensor predicts disease subtypes and reveals constrained tumor evolution. <i>Cell Reports</i> , 2021, 34, 108927.	2.9	12
154	ARID1 proteins: from transcriptional and post-translational regulation to carcinogenesis and potential therapeutics. <i>Epigenomics</i> , 2021, 13, 809-823.	1.0	12
155	Endocrine Disorders Associated with Inappropriately High Aromatase Expression. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1997, 61, 133-139.	1.2	12
156	Paracrine Pathways in Uterine Leiomyoma Stem Cells Involve Insulinlike Growth Factor 2 and Insulin Receptor A. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1588-1595.	1.8	11
157	Transcription factor 21 regulates expression of ER $\beta$ and SF-1 via upstream stimulatory factor-2 in endometriotic tissues. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018, 1861, 706-717.	0.9	11
158	Progesterone receptor-DNA methylation crosstalk regulates depletion of uterine leiomyoma stem cells: A potential therapeutic target. <i>Stem Cell Reports</i> , 2021, 16, 2099-2106.	2.3	11
159	Aromatase promoter 1f is regulated by progesterone receptor in mouse hypothalamic neuronal cell lines. <i>Journal of Molecular Endocrinology</i> , 2011, 47, 69-80.	1.1	9
160	Physiology and Pathology of the Female Reproductive Axis. , 2016, , 589-663.		9
161	Integrated histologic and molecular analysis of uterine leiomyosarcoma and 2 benign variants with nuclear atypia. <i>Cancer Science</i> , 2021, 112, 2046-2059.	1.7	9
162	Tryptophan 2,3-Dioxygenase-2 in Uterine Leiomyoma: Dysregulation by MED12 Mutation Status. <i>Reproductive Sciences</i> , 2022, 29, 743-749.	1.1	9

#	ARTICLE	IF	CITATIONS
163	Whole-Genome Sequencing and Target Validation Analysis of MÅ¼llerian Adenosarcoma: A Tumor With Complex but Specific Genetic Alterations. <i>Frontiers in Oncology</i> , 2020, 10, 538.	1.3	8
164	Aromatase, microRNA, and inflammation: a complex relationship. <i>Fertility and Sterility</i> , 2016, 106, 552-553.	0.5	7
165	MeDEStrand: an improved method to infer genome-wide absolute methylation levels from DNA enrichment data. <i>BMC Bioinformatics</i> , 2018, 19, 540.	1.2	7
166	LAT1 Regulates Growth of Uterine Leiomyoma Smooth Muscle Cells. <i>Reproductive Sciences</i> , 2010, 17, 791-797.	1.1	6
167	Midlife Urinary Phthalate Metabolite Concentrations and Prior Uterine Fibroid Diagnosis. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2741.	1.2	6
168	Ovulation induction in women with infertility: a new indication for aromatase inhibitors. <i>Fertility and Sterility</i> , 2003, 80, 1338.	0.5	5
169	Expression of Estrogen-Related Gene Markers in Breast Cancer Tissue Predicts Aromatase Inhibitor Responsiveness. <i>PLoS ONE</i> , 2013, 8, e77543.	1.1	5
170	Genome-wide estrogen receptor-Î± binding and action in human endometrial stromal cells. <i>F&amp;S Science</i> , 2020, 1, 59-66.	0.5	5
171	Baseline Endometrial Thickness or Endometrial Thickness Change in Response to Estrogen Is Not Predictive of Frozen Embryo Transfer Success in Medicated Cycles. <i>Reproductive Sciences</i> , 2020, 27, 2242-2246.	1.1	5
172	Summary of the proceedings of the Basic Science of Uterine Fibroids meeting: new developments (February 28, 2020). <i>F&amp;S Science</i> , 2021, 2, 88-100.	0.5	5
173	Tissue Stem Cells and Uterine Physiology and Pathology. <i>Seminars in Reproductive Medicine</i> , 2015, 33, 313-314.	0.5	4
174	Implantation and Placental Development. <i>Seminars in Reproductive Medicine</i> , 2016, 34, 001-002.	0.5	4
175	Epidermal growth factorâ€“containing fibulin-like extracellular matrix protein 1 expression and regulation in uterine leiomyoma. <i>Fertility and Sterility</i> , 2016, 105, 1070-1075.	0.5	4
176	Estrogen receptor alpha (Esr1) regulates aromatase (Cyp19a1) expression in the mouse brain. <i>Neuroendocrinology Letters</i> , 2015, 36, 178-82.	0.2	4
177	Innovations in Reproductive Endocrinology: A Tribute to Bruce Carr, MD. <i>Seminars in Reproductive Medicine</i> , 2015, 33, 159-160.	0.5	2
178	PLIN2 Functions as a Novel Link between Progesterone Signaling and Metabolism in Uterine Leiomyoma Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 6256-6264.	1.8	2
179	Retinoic acid action is altered within endometrium of baboons affected with endometriosis. <i>Journal of Endometriosis and Pelvic Pain Disorders</i> , 0, , 228402652110620.	0.3	2
180	An estrogen-sensitive fibroblast population drives abdominal muscle fibrosis in an inguinal hernia mouse model. <i>JCI Insight</i> , 2022, 7, .	2.3	2

#	ARTICLE	IF	CITATIONS
181	Molecular Effects of Topical Estrogen on Vaginal Granulation Tissue in Postpartum Women. Female Pelvic Medicine and Reconstructive Surgery, 2021, 27, 521-526.	0.6	1
182	Introduction to Guest Editor. Seminars in Reproductive Medicine, 2013, 31, 097-098.	0.5	0
183	Introduction to Guest Editor. Seminars in Reproductive Medicine, 2013, 31, 185-186.	0.5	0
184	Ovarian Aging, from Bench to Bedside. Seminars in Reproductive Medicine, 2015, 33, 373-374.	0.5	0
185	Cassing Hammond, MD. Seminars in Reproductive Medicine, 2016, 34, 129-130.	0.5	0
186	Uterine Fibroids. , 2016, , 2255-2259.e3.		0
187	Stem Cells and Uterine Fibroids. Comprehensive Gynecology and Obstetrics, 2018, , 59-67.	0.0	0
188	THE NADPH OXIDASE COMPLEX IS IMPORTANT FOR THE EGF AND PDGF SIGNALING PATHWAYS IN HUMAN LEIOMYOMA SMOOTH MUSCLE CELLS. Biology of Reproduction, 2007, 77, 211-211.	1.2	0
189	James Segars, MD. Seminars in Reproductive Medicine, 2016, 34, 257-258.	0.5	0
190	Jeanne Sheffield, MD. Seminars in Reproductive Medicine, 2016, 34, 255-256.	0.5	0