

Bruce A Lessey

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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.

125
papers

8,976
citations

53
h-index

94
g-index

130
ext. papers

10,130
ext. citations

4.3
avg, IF

6.16
L-index

#	Paper	IF	Citations
125	Embryo implantation. <i>Developmental Biology</i> , 2000 , 223, 217-37	3.1	611
124	Immunohistochemical analysis of human uterine estrogen and progesterone receptors throughout the menstrual cycle. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1988 , 67, 334-40	5.6	542
123	Gene expression analysis of endometrium reveals progesterone resistance and candidate susceptibility genes in women with endometriosis. <i>Endocrinology</i> , 2007 , 148, 3814-26	4.8	538
122	Integrins as markers of uterine receptivity in women with primary unexplained infertility**Supported by the National Institutes of Health grants HD-29449 and HD-30476 (B.A.L.), Bethesda, Maryland. Presented at the 40th Annual Meeting of the Society of Gynecologic Investigation, Toronto, Ontario, Canada, 1999. <i>Fertility and Sterility</i> , 1997 , 68, 525-542	4.8	340
121	Further characterization of endometrial integrins during the menstrual cycle and in pregnancy**Supported by the National Institutes of Health grants HD-29449 and HD-30476 (B.A.L.), Bethesda, Maryland. Presented at the 5th Leukocyte Differentiation Antigen Conference, Baltimore, Maryland, 1998. <i>Fertility and Sterility</i> , 1998 , 69, 107-109	4.8	337
120	Changes in gene expression during the early to mid-luteal (receptive phase) transition in human endometrium detected by high-density microarray screening. <i>Molecular Human Reproduction</i> , 2002 , 8, 871-9	4.4	333
119	A critical analysis of the accuracy, reproducibility, and clinical utility of histologic endometrial dating in fertile women. <i>Fertility and Sterility</i> , 2004 , 81, 1333-43	4.8	267
118	Treatment of Endometriosis-Associated Pain with Elagolix, an Oral GnRH Antagonist. <i>New England Journal of Medicine</i> , 2017 , 377, 28-40	59.2	214
117	Elevated endometrial androgen receptor expression in women with polycystic ovarian syndrome. <i>Biology of Reproduction</i> , 2002 , 66, 297-304	3.9	198
116	Endometrial progesterone receptors and markers of uterine receptivity in the window of implantation**Supported by the National Institutes of Health grants HD-29449 and HD-30476 (BAL), Bethesda, Maryland, and Berlex Laboratories, Inc., Wayne, New Jersey, and the Rockefeller Biotechnology Fellowship, New York, New York. Presented at the 50th Annual Meeting of The	4.8	165
115	Blockade of the alpha(v)beta(3) integrin adversely affects implantation in the mouse. <i>Biology of Reproduction</i> , 2000 , 62, 1285-90	3.9	163
114	Osteopontin and its receptor alphavbeta(3) integrin are coexpressed in the human endometrium during the menstrual cycle but regulated differentially. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 4991-5000	5.6	162
113	Assessment of endometrial receptivity. <i>Fertility and Sterility</i> , 2011 , 96, 522-9	4.8	150
112	Adhesion molecules and implantation. <i>Journal of Reproductive Immunology</i> , 2002 , 55, 101-12	4.2	140
111	Reduced expression of progesterone receptor-B in the endometrium of women with endometriosis and in cocultures of endometrial cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Fertility and Sterility</i> , 2005 , 84, 67-74	4.8	133
110	Distribution of integrins and the extracellular matrix proteins in the baboon endometrium during the menstrual cycle and early pregnancy. <i>Biology of Reproduction</i> , 1997 , 56, 348-56	3.9	132
109	Medical management of endometriosis and infertility. <i>Fertility and Sterility</i> , 2000 , 73, 1089-96	4.8	127

108	Endometrial receptivity in the eutopic endometrium of women with endometriosis: it is affected, and let me show you why. <i>Fertility and Sterility</i> , 2017 , 108, 19-27	4.8	126
107	Steroid receptor coactivator expression throughout the menstrual cycle in normal and abnormal endometrium. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 2960-6	5.6	126
106	Uterine receptivity: alterations associated with benign gynecological disease. <i>Seminars in Reproductive Medicine</i> , 2007 , 25, 461-75	1.4	123
105	Progesterone resistance in PCOS endometrium: a microarray analysis in clomiphene citrate-treated and artificial menstrual cycles. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 1737-46	5.6	120
104	Luminal and glandular endometrial epithelium express integrins differentially throughout the menstrual cycle: implications for implantation, contraception, and infertility. <i>American Journal of Reproductive Immunology</i> , 1996 , 35, 195-204	3.8	120
103	Endometriosis and infertility. <i>Clinical Obstetrics and Gynecology</i> , 2010 , 53, 429-38	1.7	118
102	Characterization of the functional progesterone receptor in an endometrial adenocarcinoma cell line (Ishikawa): progesterone-induced expression of the alpha1 integrin. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1996 , 59, 31-9	5.1	107
101	Guidelines for the design, analysis and interpretation of QmicsQdata: focus on human endometrium. <i>Human Reproduction Update</i> , 2014 , 20, 12-28	15.8	99
100	Regulated expression of heparin-binding EGF-like growth factor (HB-EGF) in the human endometrium: a potential paracrine role during implantation. <i>Molecular Reproduction and Development</i> , 2002 , 62, 446-55	2.6	99
99	Two pathways of progesterone action in the human endometrium: implications for implantation and contraception. <i>Steroids</i> , 2003 , 68, 809-15	2.8	99
98	What exactly is endometrial receptivity?. <i>Fertility and Sterility</i> , 2019 , 111, 611-617	4.8	93
97	IL-17A Contributes to the Pathogenesis of Endometriosis by Triggering Proinflammatory Cytokines and Angiogenic Growth Factors. <i>Journal of Immunology</i> , 2015 , 195, 2591-600	5.3	93
96	Local and systemic factors and implantation: what is the evidence?. <i>Fertility and Sterility</i> , 2016 , 105, 873-848	4.8	93
95	Proteomic analysis of the luteal endometrial secretome. <i>Reproductive Sciences</i> , 2009 , 16, 883-93	3	90
94	Estrogen receptor-alpha (ER-alpha) and defects in uterine receptivity in women. <i>Reproductive Biology and Endocrinology</i> , 2006 , 4 Suppl 1, S9	5	89
93	Immune-inflammation gene signatures in endometriosis patients. <i>Fertility and Sterility</i> , 2016 , 106, 1420-1431.e7	4.8	87
92	ECC-1 cells: a well-differentiated steroid-responsive endometrial cell line with characteristics of luminal epithelium. <i>Biology of Reproduction</i> , 2006 , 75, 387-94	3.9	86
91	Characterization of uterine NK cells in women with infertility or recurrent pregnancy loss and associated endometriosis. <i>American Journal of Reproductive Immunology</i> , 2014 , 72, 262-9	3.8	85

90	A role for alphavbeta3 integrin during implantation in the rabbit model. <i>Biology of Reproduction</i> , 2003 , 68, 766-71	3.9	79
89	Eutopic endometrium in women with endometriosis: ground zero for the study of implantation defects. <i>Seminars in Reproductive Medicine</i> , 2013 , 31, 109-24	1.4	78
88	Endometrial receptivity defects during IVF cycles with and without letrozole. <i>Human Reproduction</i> , 2012 , 27, 881-8	5.7	78
87	Characterization of integrin expression in a well differentiated endometrial adenocarcinoma cell line (Ishikawa). <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 136-42	5.6	75
86	Decreased Notch pathway signaling in the endometrium of women with endometriosis impairs decidualization. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E433-42	5.6	74
85	Mig-6 modulates uterine steroid hormone responsiveness and exhibits altered expression in endometrial disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 8677-82	11.5	69
84	Implantation defects in infertile women with endometriosis. <i>Annals of the New York Academy of Sciences</i> , 2002 , 955, 265-80; discussion 293-5, 396-406	6.5	67
83	Aberrant activation of signal transducer and activator of transcription-3 (STAT3) signaling in endometriosis. <i>Human Reproduction</i> , 2015 , 30, 1069-78	5.7	66
82	KRAS Activation and over-expression of SIRT1/BCL6 Contributes to the Pathogenesis of Endometriosis and Progesterone Resistance. <i>Scientific Reports</i> , 2017 , 7, 6765	4.9	65
81	Progesterone function in human endometrium: clinical perspectives. <i>Seminars in Reproductive Medicine</i> , 2010 , 28, 5-16	1.4	64
80	Surgical removal of endometriotic lesions alters local and systemic proinflammatory cytokines in endometriosis patients. <i>Fertility and Sterility</i> , 2016 , 105, 968-977.e5	4.8	62
79	Epidermal growth factor and sex steroids dynamically regulate a marker of endometrial receptivity in Ishikawa cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 2192-7	5.6	61
78	Temporal and morphologic characteristics of pinopod expression across the secretory phase of the endometrial cycle in normally cycling women with proven fertility. <i>Fertility and Sterility</i> , 2003 , 79, 970-4	4.8	61
77	Prevention of endometrial apoptosis: randomized prospective comparison of human chorionic gonadotropin versus progesterone treatment in the luteal phase. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 2351-6	5.6	61
76	Effect of peritoneal fluid from women with endometriosis on implantation in the mouse model. <i>Fertility and Sterility</i> , 2000 , 74, 41-8	4.8	60
75	Integrins and implantation in the human. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2002 , 3, 107-17	10.5	58
74	Dysregulated expression of eba1, a novel molecular defect in the endometria of patients with infertility. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 2526-36	5.6	57
73	Endometrial receptivity and the window of implantation. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2000 , 14, 775-88	4.6	56

72	MUC1 is a scaffold for selectin ligands in the human uterus. <i>Frontiers in Bioscience - Landmark</i> , 2006 , 11, 2903-8	2.8	51
71	ARID1A Is Essential for Endometrial Function during Early Pregnancy. <i>PLoS Genetics</i> , 2015 , 11, e10055376		49
70	Alterations in expression of endometrial endothelial nitric oxide synthase and alpha(v)beta(3) integrin in women with endometriosis. <i>Fertility and Sterility</i> , 2002 , 78, 860-4	4.8	49
69	Homeostasis imbalance in the endometrium of women with implantation defects: the role of estrogen and progesterone. <i>Seminars in Reproductive Medicine</i> , 2014 , 32, 365-75	1.4	48
68	Characterization of androgen receptors in a well-differentiated endometrial adenocarcinoma cell line (Ishikawa). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2000 , 74, 235-41	5.1	47
67	FOXO1 regulates uterine epithelial integrity and progesterone receptor expression critical for embryo implantation. <i>PLoS Genetics</i> , 2018 , 14, e1007787	6	47
66	Endometrial BCL6 Overexpression in Eutopic Endometrium of Women With Endometriosis. <i>Reproductive Sciences</i> , 2016 , 23, 1234-41	3	46
65	Immunohistochemical markers of uterine receptivity in the human endometrium. <i>Microscopy Research and Technique</i> , 1993 , 25, 208-22	2.8	44
64	Endometrial beta3 integrin profile reflects endometrial receptivity defects in women with unexplained recurrent pregnancy loss. <i>Reproductive Biology and Endocrinology</i> , 2014 , 12, 53	5	43
63	In vivo and in vitro evidence suggest that HB-EGF regulates endometrial expression of human decay-accelerating factor. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 1368-75	5.6	43
62	Prospective assessment of midsecretory endometrial leukemia inhibitor factor expression versus μ testing in women with unexplained infertility. <i>Fertility and Sterility</i> , 2014 , 101, 1724-31	4.8	42
61	Progesterone Resistance in Endometriosis Is Modulated by the Altered Expression of MicroRNA-29c and FKBP4. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 141-149	5.6	41
60	Characterization of antiestrogenic activity of the Chinese herb, prunella vulgaris, using in vitro and in vivo (Mouse Xenograft) models. <i>Biology of Reproduction</i> , 2009 , 80, 375-83	3.9	40
59	Tenascin is differentially expressed in endometrium and endometriosis. <i>Journal of Pathology</i> , 1999 , 187, 242-8	9.4	39
58	Intrauterine human chorionic gonadotropin infusion in oocyte donors promotes endometrial synchrony and induction of early decidual markers for stromal survival: a randomized clinical trial. <i>Human Reproduction</i> , 2016 , 31, 1552-61	5.7	39
57	Loss of HDAC3 results in nonreceptive endometrium and female infertility. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	39
56	COUP-TFII regulates human endometrial stromal genes involved in inflammation. <i>Molecular Endocrinology</i> , 2013 , 27, 2041-54		38
55	Interleukin-33 modulates inflammation in endometriosis. <i>Scientific Reports</i> , 2017 , 7, 17903	4.9	37

54	Hormone control and expression of androgen receptor coregulator MAGE-11 in human endometrium during the window of receptivity to embryo implantation. <i>Molecular Human Reproduction</i> , 2008 , 14, 107-16	4.4	36
53	SOX17 regulates uterine epithelial-stromal cross-talk acting via a distal enhancer upstream of Ihh. <i>Nature Communications</i> , 2018 , 9, 4421	17.4	32
52	The Use of Resveratrol as an Adjuvant Treatment of Pain in Endometriosis: A Randomized Clinical Trial. <i>Journal of the Endocrine Society</i> , 2017 , 1, 359-369	0.4	31
51	Endometrial gene expression in early pregnancy: lessons from human ectopic pregnancy. <i>Reproductive Sciences</i> , 2008 , 15, 797-816	3	30
50	Endometriosis markers: immunologic alterations as diagnostic indicators for endometriosis. <i>Reproductive Sciences</i> , 2007 , 14, 595-604	3	29
49	Extracellular vesicles from endometriosis patients are characterized by a unique miRNA-lncRNA signature. <i>JCI Insight</i> , 2019 , 4,	9.9	28
48	Endometrial BCL6 testing for the prediction of in vitro fertilization outcomes: a cohort study. <i>Fertility and Sterility</i> , 2017 , 108, 1063-1069	4.8	27
47	Effect of randomized serum progesterone concentration on secretory endometrial histologic development and gene expression. <i>Human Reproduction</i> , 2017 , 32, 1903-1914	5.7	25
46	Proteomics of the human endometrial glandular epithelium and stroma from the proliferative and secretory phases of the menstrual cycle. <i>Biology of Reproduction</i> , 2015 , 92, 106	3.9	24
45	Protein Inhibitor of Activated STAT3 (PIAS3) Is Down-Regulated in Eutopic Endometrium of Women with Endometriosis. <i>Biology of Reproduction</i> , 2016 , 95, 11	3.9	22
44	CRISPLD2 is a target of progesterone receptor and its expression is decreased in women with endometriosis. <i>PLoS ONE</i> , 2014 , 9, e100481	3.7	21
43	The p160/steroid receptor coactivator family: potent arbiters of uterine physiology and dysfunction. <i>Biology of Reproduction</i> , 2014 , 91, 122	3.9	21
42	Clinical assessment and management of the endometrium in recurrent early pregnancy loss. <i>Seminars in Reproductive Medicine</i> , 2011 , 29, 491-506	1.4	17
41	Cycle-dependent endometrial expression and hormonal regulation of the fibulin-1 gene. <i>Molecular Reproduction and Development</i> , 2004 , 68, 279-87	2.6	15
40	Prospective, randomized comparison between raloxifene and clomiphene citrate for ovulation induction in polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2011 , 96, 769-73	4.8	14
39	Neutrophil recruitment and function in endometriosis patients and a syngeneic murine model. <i>FASEB Journal</i> , 2020 , 34, 1558-1575	0.9	14
38	Structure, Function, and Evaluation of the Female Reproductive Tract 2019 , 206-247.e13		13
37	Medical or surgical treatment before embryo transfer improves outcomes in women with abnormal endometrial BCL6 expression. <i>Journal of Assisted Reproduction and Genetics</i> , 2019 , 36, 483-490	3.4	13

36	RBPJ mediates uterine repair in the mouse and is reduced in women with recurrent pregnancy loss. <i>FASEB Journal</i> , 2018 , 32, 2452-2466	0.9	13
35	Role of Human Galectins in Inflammation and Cancers Associated with Endometriosis. <i>Biomolecules</i> , 2020 , 10,	5.9	10
34	The endometria of women with endometriosis exhibit dysfunctional expression of complement regulatory proteins during the mid secretory phase. <i>Journal of Reproductive Immunology</i> , 2018 , 125, 1-7	4.2	10
33	Cytokine stimulation of MUC4 expression in human female reproductive tissue carcinoma cell lines and endometrial cancer. <i>Journal of Cellular Biochemistry</i> , 2015 , 116, 2649-57	4.7	10
32	Intraoperative detection of subtle endometriosis: a novel paradigm for detection and treatment of pelvic pain associated with the loss of peritoneal integrity. <i>Journal of Visualized Experiments</i> , 2012 ,	1.6	9
31	Embryo quality and endometrial receptivity: lessons learned from the ART experience. <i>Journal of Assisted Reproduction and Genetics</i> , 1998 , 15, 173-6	3.4	9
30	The pathologists are free to go, or are they?. <i>Fertility and Sterility</i> , 2013 , 99, 350-1	4.8	8
29	A balancing act: RNA binding protein HuR/TTP axis in endometriosis patients. <i>Scientific Reports</i> , 2017 , 7, 5883	4.9	8
28	Coexistence of Polycystic Ovary Syndrome and Endometriosis in Women with Infertility. <i>Journal of Endometriosis and Pelvic Pain Disorders</i> , 2014 , 6, 79-83	0.6	8
27	Luteal phase HCG support for unexplained recurrent pregnancy loss - a low hanging fruit?. <i>Reproductive BioMedicine Online</i> , 2017 , 34, 319-324	4	7
26	Endometrial epithelial ARID1A is critical for uterine gland function in early pregnancy establishment. <i>FASEB Journal</i> , 2021 , 35, e21209	0.9	7
25	ARID1A Mutations Promote P300-Dependent Endometrial Invasion through Super-Enhancer Hyperacetylation. <i>Cell Reports</i> , 2020 , 33, 108366	10.6	6
24	Endometriosis and the Enigmatic Question of Progression. <i>Journal of Endometriosis and Pelvic Pain Disorders</i> , 2014 , 6, 121-126	0.6	6
23	Podocalyxin is a key negative regulator of human endometrial epithelial receptivity for embryo implantation. <i>Human Reproduction</i> , 2021 , 36, 1353-1366	5.7	6
22	Elevated levels of adrenomedullin in eutopic endometrium and plasma from women with endometriosis. <i>Fertility and Sterility</i> , 2018 , 109, 1072-1078	4.8	6
21	Differential Expression of KRAS and SIRT1 in Ovarian Cancers with and Without Endometriosis. <i>Reproductive Sciences</i> , 2020 , 27, 145-151	3	5
20	A Clinician@ Guide to the Treatment of Endometriosis with Elagolix. <i>Journal of Women's Health</i> , 2021 , 30, 569-578	3	5
19	Overexpression of Four Joint Box-1 Protein (FJX1) in Eutopic Endometrium From Women With Endometriosis. <i>Reproductive Sciences</i> , 2018 , 25, 207-213	3	5

18	IL-33 activates group 2 innate lymphoid cell expansion and modulates endometriosis. <i>JCI Insight</i> , 2021 , 6,	9.9	4
17	Postmenopausal Deep Infiltrating Endometriosis of the Colon: Rare Location and Novel Medical Therapy. <i>Case Reports in Gastrointestinal Medicine</i> , 2018 , 2018, 9587536	0.6	3
16	Genetic and epigenetic changes in the eutopic endometrium of women with endometriosis: association with decreased endometrial $\alpha 5 \beta 1$ integrin expression. <i>Molecular Human Reproduction</i> , 2021 , 27,	4.4	3
15	Pathophysiology of Infertility in Endometriosis240-254		3
14	Endometrial dating revisited: a randomized systematic study of secretory phase histologic characteristics in normally cycling fertile women. <i>Fertility and Sterility</i> , 2002 , 78, S67	4.8	2
13	Role of SIRT1 and Progesterone Resistance in Normal and Abnormal Endometrium. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 ,	5.6	2
12	ARID1A and PGR proteins interact in the endometrium and reveal a positive correlation in endometriosis. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 550, 151-157	3.4	2
11	Unexplained recurrent pregnancy loss and unexplained infertility: twins in disguise. <i>Human Reproduction Open</i> , 2019 ,	6.1	1
10	The Structure, Function, and Evaluation of the Female Reproductive Tract 2014 , 192-235.e16		1
9	The Structure, Function, and Evaluation of the Female Reproductive Tract 2009 , 191-233		1
8	Altered eutopic endometrial T-regulatory and T-helper 17 lymphocyte ratio in women with unexplained subfertility. <i>Journal of Endometriosis and Pelvic Pain Disorders</i> , 2021 , 13, 185-194	0.6	1
7	Evaluation of BCL6 and SIRT1 as Non-Invasive Diagnostic Markers of Endometriosis. <i>Current Issues in Molecular Biology</i> , 2021 , 43, 1350-1360	2.9	1
6	Loss of MIG-6 results in endometrial progesterone resistance via ERBB2.. <i>Nature Communications</i> , 2022 , 13, 1101	17.4	1
5	Implications of dysregulated endogenous cannabinoid family members in the pathophysiology of endometriosis.. <i>F&S Science</i> , 2021 , 2, 419-430	0.4	0
4	Signaling Between Embryo and Endometrium: Normal Implantation 2018 , 1-19		
3	Clinical assessment of the endometrium171-198		
2	Endometrial receptivity. <i>Reproductive Medicine and Assisted Reproductive Techniques Series</i> , 2008 , 305-318		
1	The endometrium of polycystic ovary syndrome. <i>Reproductive Medicine and Assisted Reproductive Techniques Series</i> , 2008 , 683-690		

