

# Bruce A Lessey

## List of Publications by Year in descending order

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128  
papers

11,325  
citations

23565

58  
h-index

30081

103  
g-index

130  
all docs

130  
docs citations

130  
times ranked

6569  
citing authors

#	ARTICLE	IF	CITATIONS
1	Embryo Implantation. <i>Developmental Biology</i> , 2000, 223, 217-237.	2.0	677
2	Gene Expression Analysis of Endometrium Reveals Progesterone Resistance and Candidate Susceptibility Genes in Women with Endometriosis. <i>Endocrinology</i> , 2007, 148, 3814-3826.	2.8	642
3	Immunohistochemical Analysis of Human Uterine Estrogen and Progesterone Receptors Throughout the Menstrual Cycle*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1988, 67, 334-340.	3.6	620
4	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, 871-879.	2.8	398
5	Further characterization of endometrial integrins during the menstrual cycle and in pregnancy. <i>Fertility and Sterility</i> , 1994, 62, 497-506.	1.0	370
6	Integrins as markers of uterine receptivity in women with primary unexplained infertility. <i>Fertility and Sterility</i> , 1995, 63, 535-542.	1.0	366
7	Treatment of Endometriosis-Associated Pain with Elagolix, an Oral GnRH Antagonist. <i>New England Journal of Medicine</i> , 2017, 377, 28-40.	27.0	340
8	A critical analysis of the accuracy, reproducibility, and clinical utility of histologic endometrial dating in fertile women. <i>Fertility and Sterility</i> , 2004, 81, 1333-1343.	1.0	313
9	Elevated Endometrial Androgen Receptor Expression in Women with Polycystic Ovarian Syndrome1. <i>Biology of Reproduction</i> , 2002, 66, 297-304.	2.7	225
10	What exactly is endometrial receptivity?. <i>Fertility and Sterility</i> , 2019, 111, 611-617.	1.0	215
11	Assessment of endometrial receptivity. <i>Fertility and Sterility</i> , 2011, 96, 522-529.	1.0	196
12	Endometrial progesterone receptors and markers of uterine receptivity in the window of implantation. <i>Fertility and Sterility</i> , 1996, 65, 477-483.	1.0	192
13	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.	1.0	192
14	Blockade of the $\alpha 3 \beta 1$ Integrin Adversely Affects Implantation in the Mouse1. <i>Biology of Reproduction</i> , 2000, 62, 1285-1290.	2.7	182
15	Osteopontin and Its Receptor $\alpha 3 \beta 1$ 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.	3.6	177
16	Adhesion molecules and implantation. <i>Journal of Reproductive Immunology</i> , 2002, 55, 101-112.	1.9	166
17	Endometriosis and Infertility. <i>Clinical Obstetrics and Gynecology</i> , 2010, 53, 429-438.	1.1	153
18	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, 1737-1746.	3.6	153

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19	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.	1.0	151
20	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.	1.2	149
21	Uterine Receptivity: Alterations Associated with Benign Gynecological Disease. <i>Seminars in Reproductive Medicine</i> , 2007, 25, 461-475.	1.1	142
22	Medical management of endometriosis and infertility. <i>Fertility and Sterility</i> , 2000, 73, 1089-1096.	1.0	141
23	Steroid Receptor Coactivator Expression throughout the Menstrual Cycle in Normal and Abnormal Endometrium. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 2960-2966.	3.6	141
24	Distribution of Integrins and the Extracellular Matrix Proteins in the Baboon Endometrium during the Menstrual Cycle and Early Pregnancy <sup>1</sup> . <i>Biology of Reproduction</i> , 1997, 56, 348-356.	2.7	139
25	IL-17A Contributes to the Pathogenesis of Endometriosis by Triggering Proinflammatory Cytokines and Angiogenic Growth Factors. <i>Journal of Immunology</i> , 2015, 195, 2591-2600.	0.8	138
26	Immune-inflammation gene signatures in endometriosis patients. <i>Fertility and Sterility</i> , 2016, 106, 1420-1431.e7.	1.0	129
27	Local and systemic factors and implantation: what is the evidence?. <i>Fertility and Sterility</i> , 2016, 105, 873-884.	1.0	128
28	Characterization of Uterine <sc>NK</sc> Cells in Women with Infertility or Recurrent Pregnancy Loss and Associated Endometriosis. <i>American Journal of Reproductive Immunology</i> , 2014, 72, 262-269.	1.2	127
29	Guidelines for the design, analysis and interpretation of "omics" data: focus on human endometrium. <i>Human Reproduction Update</i> , 2014, 20, 12-28.	10.8	123
30	Two pathways of progesterone action in the human endometrium: implications for implantation and contraception. <i>Steroids</i> , 2003, 68, 809-815.	1.8	121
31	Characterization of the functional progesterone receptor in an endometrial adenocarcinoma cell line (Ishikawa): Progesterone-induced expression of the $\beta$ 1 integrin. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1996, 59, 31-39.	2.5	119
32	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, 446-455.	2.0	116
33	Endometrial receptivity defects during IVF cycles with and without letrozole. <i>Human Reproduction</i> , 2012, 27, 881-888.	0.9	109
34	Estrogen receptor-alpha (ER-alpha) and defects in uterine receptivity in women. <i>Reproductive Biology and Endocrinology</i> , 2006, 4, S9.	3.3	106
35	Decreased Notch Pathway Signaling in the Endometrium of Women With Endometriosis Impairs Decidualization. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E433-E442.	3.6	106
36	KRAS Activation and over-expression of SIRT1/BCL6 Contributes to the Pathogenesis of Endometriosis and Progesterone Resistance. <i>Scientific Reports</i> , 2017, 7, 6765.	3.3	104

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37	Eutopic Endometrium in Women with Endometriosis: Ground Zero for the Study of Implantation Defects. <i>Seminars in Reproductive Medicine</i> , 2013, 31, 109-124.	1.1	98
38	Proteomic Analysis of the Luteal Endometrial Secretome. <i>Reproductive Sciences</i> , 2009, 16, 883-893.	2.5	97
39	ECC-1 Cells: A Well-Differentiated Steroid-Responsive Endometrial Cell Line with Characteristics of Luminal Epithelium <sup>1</sup> . <i>Biology of Reproduction</i> , 2006, 75, 387-394.	2.7	96
40	Loss of HDAC3 results in nonreceptive endometrium and female infertility. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	90
41	A Role for $\alpha 2$ Integrin During Implantation in the Rabbit Model <sup>1</sup> . <i>Biology of Reproduction</i> , 2003, 68, 766-771.	2.7	88
42	FOXO1 regulates uterine epithelial integrity and progesterone receptor expression critical for embryo implantation. <i>PLoS Genetics</i> , 2018, 14, e1007787.	3.5	88
43	Aberrant activation of signal transducer and activator of transcription-3 (STAT3) signaling in endometriosis. <i>Human Reproduction</i> , 2015, 30, 1069-1078.	0.9	84
44	Surgical removal of endometriotic lesions alters local and systemic proinflammatory cytokines in endometriosis patients. <i>Fertility and Sterility</i> , 2016, 105, 968-977.e5.	1.0	84
45	<i>Mig-6</i> 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, 8677-8682.	7.1	82
46	Characterization of Integrin Expression in a Well Differentiated Endometrial Adenocarcinoma Cell Line (Ishikawa) <sup>1</sup> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 136-142.	3.6	79
47	Implantation Defects in Infertile Women with Endometriosis. <i>Annals of the New York Academy of Sciences</i> , 2002, 955, 265-280.	3.8	79
48	Progesterone Function in Human Endometrium: Clinical Perspectives. <i>Seminars in Reproductive Medicine</i> , 2010, 28, 005-016.	1.1	79
49	Endometrial BCL6 Overexpression in Eutopic Endometrium of Women With Endometriosis. <i>Reproductive Sciences</i> , 2016, 23, 1234-1241.	2.5	76
50	Integrins and implantation in the human. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2002, 3, 107-117.	5.7	71
51	Effect of peritoneal fluid from women with endometriosis on implantation in the mouse model. <i>Fertility and Sterility</i> , 2000, 74, 41-48.	1.0	70
52	SOX17 regulates uterine epithelial-stromal cross-talk acting via a distal enhancer upstream of <i>Ihh</i> . <i>Nature Communications</i> , 2018, 9, 4421.	12.8	69
53	Epidermal Growth Factor and Sex Steroids Dynamically Regulate a Marker of Endometrial Receptivity in Ishikawa Cells <sup>1</sup> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 2192-2197.	3.6	67
54	Endometrial receptivity and the window of implantation. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2000, 14, 775-788.	2.8	67

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55	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, 970-974.	1.0	67
56	Dysregulated Expression of ebfaf, a Novel Molecular Defect in the Endometria of Patients with Infertility. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 2526-2536.	3.6	65
57	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, 2351-2356.	3.6	64
58	ARID1A Is Essential for Endometrial Function during Early Pregnancy. <i>PLoS Genetics</i> , 2015, 11, e1005537.	3.5	64
59	Alterations in expression of endometrial endothelial nitric oxide synthase and $\alpha_2\beta_3$ integrin in women with endometriosis. <i>Fertility and Sterility</i> , 2002, 78, 860-864.	1.0	58
60	Endometrial beta3 Integrin profile reflects endometrial receptivity defects in women with unexplained recurrent pregnancy loss. <i>Reproductive Biology and Endocrinology</i> , 2014, 12, 53.	3.3	58
61	Interleukin-33 modulates inflammation in endometriosis. <i>Scientific Reports</i> , 2017, 7, 17903.	3.3	58
62	Homeostasis Imbalance in the Endometrium of Women with Implantation Defects: The Role of Estrogen and Progesterone. <i>Seminars in Reproductive Medicine</i> , 2014, 32, 365-375.	1.1	57
63	Endometrial BCL6 testing for the prediction of in vitro fertilization outcomes: a cohort study. <i>Fertility and Sterility</i> , 2017, 108, 1063-1069.	1.0	55
64	Immunohistochemical markers of uterine receptivity in the human endometrium. <i>Microscopy Research and Technique</i> , 1993, 25, 208-222.	2.2	54
65	Characterization of androgen receptors in a well-differentiated endometrial adenocarcinoma cell line (Ishikawa). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2000, 74, 235-241.	2.5	53
66	MUC1 Is a Scaffold for Selectin Ligands in the Human Uterus. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 2903.	3.0	52
67	Extracellular vesicles from endometriosis patients are characterized by a unique miRNA-lncRNA signature. <i>JCI Insight</i> , 2019, 4, .	5.0	52
68	Progesterone resistance in endometriosis is modulated by the altered expression of microRNA-29c and FKBP4. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 102, jc.2016-2076.	3.6	49
69	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, 1368-1375.	3.6	48
70	Prospective assessment of midsecretory endometrial leukemia inhibitor factor expression versus $\alpha_2\beta_3$ testing in women with unexplained infertility. <i>Fertility and Sterility</i> , 2014, 101, 1724-1731.	1.0	48
71	Tenascin is differentially expressed in endometrium and endometriosis. , 1999, 187, 242-248.		47
72	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, 1552-1561.	0.9	47

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73	Characterization of Antiestrogenic Activity of the Chinese Herb, <i>Prunella vulgaris</i> , Using In Vitro and In Vivo (Mouse Xenograft) Models. <i>Biology of Reproduction</i> , 2009, 80, 375-383.	2.7	45
74	COUP-TFII Regulates Human Endometrial Stromal Genes Involved in Inflammation. <i>Molecular Endocrinology</i> , 2013, 27, 2041-2054.	3.7	45
75	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.	0.2	45
76	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> , 2007, 14, 107-116.	2.8	42
77	Effect of randomized serum progesterone concentration on secretory endometrial histologic development and gene expression. <i>Human Reproduction</i> , 2017, 32, 1903-1914.	0.9	39
78	Endometrial Gene Expression in Early Pregnancy: Lessons From Human Ectopic Pregnancy. <i>Reproductive Sciences</i> , 2008, 15, 797-816.	2.5	36
79	Ovarian endometriosis and infertility: in vitro fertilization (IVF) or surgery as the first approach?. <i>Fertility and Sterility</i> , 2018, 110, 1218-1226.	1.0	36
80	ARID1A Mutations Promote P300-Dependent Endometrial Invasion through Super-Enhancer Hyperacetylation. <i>Cell Reports</i> , 2020, 33, 108366.	6.4	36
81	Neutrophil recruitment and function in endometriosis patients and a syngeneic murine model. <i>FASEB Journal</i> , 2020, 34, 1558-1575.	0.5	35
82	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.	2.7	33
83	Endometriosis Markers: Immunologic Alterations as Diagnostic Indicators for Endometriosis. <i>Reproductive Sciences</i> , 2007, 14, 595-604.	2.5	32
84	Protein Inhibitor of Activated STAT3 (PIAS3) Is Down-Regulated in Eutopic Endometrium of Women with Endometriosis. <i>Biology of Reproduction</i> , 2016, 95, 11-11.	2.7	32
85	The p160/Steroid Receptor Coactivator Family: Potent Arbiters of Uterine Physiology and Dysfunction. <i>Biology of Reproduction</i> , 2014, 91, 122.	2.7	31
86	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.	2.5	31
87	RBPJ mediates uterine repair in the mouse and is reduced in women with recurrent pregnancy loss. <i>FASEB Journal</i> , 2018, 32, 2452-2466.	0.5	27
88	CRISPLD2 Is a Target of Progesterone Receptor and Its Expression Is Decreased in Women with Endometriosis. <i>PLoS ONE</i> , 2014, 9, e100481.	2.5	26
89	Clinical Assessment and Management of the Endometrium in Recurrent Early Pregnancy Loss. <i>Seminars in Reproductive Medicine</i> , 2011, 29, 491-506.	1.1	24
90	Structure, Function, and Evaluation of the Female Reproductive Tract. , 2019, , 206-247.e13.		22

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91	Role of Human Galectins in Inflammation and Cancers Associated with Endometriosis. <i>Biomolecules</i> , 2020, 10, 230.	4.0	22
92	Cycle-dependent endometrial expression and hormonal regulation of the fibulin-1 gene. <i>Molecular Reproduction and Development</i> , 2004, 68, 279-287.	2.0	20
93	IL-33 activates group 2 innate lymphoid cell expansion and modulates endometriosis. <i>JCI Insight</i> , 2021, 6, .	5.0	20
94	Evaluation of BCL6 and SIRT1 as Non-Invasive Diagnostic Markers of Endometriosis. <i>Current Issues in Molecular Biology</i> , 2021, 43, 1350-1360.	2.4	19
95	Coexistence of Polycystic Ovary Syndrome and Endometriosis in Women with Infertility. <i>Journal of Endometriosis and Pelvic Pain Disorders</i> , 2014, 6, 79-83.	0.5	18
96	Podocalyxin is a key negative regulator of human endometrial epithelial receptivity for embryo implantation. <i>Human Reproduction</i> , 2021, 36, 1353-1366.	0.9	17
97	Prospective, randomized comparison between raloxifene and clomiphene citrate for ovulation induction in polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2011, 96, 769-773.	1.0	16
98	A Clinician's Guide to the Treatment of Endometriosis with Elagolix. <i>Journal of Women's Health</i> , 2021, 30, 569-578.	3.3	16
99	Endometrial epithelial ARID1A is critical for uterine gland function in early pregnancy establishment. <i>FASEB Journal</i> , 2021, 35, e21209.	0.5	15
100	Role of SIRT1 and Progesterone Resistance in Normal and Abnormal Endometrium. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 788-800.	3.6	15
101	Differential Expression of KRAS and SIRT1 in Ovarian Cancers with and Without Endometriosis. <i>Reproductive Sciences</i> , 2020, 27, 145-151.	2.5	14
102	Embryo quality and endometrial receptivity: lessons learned from the ART experience. <i>Journal of Assisted Reproduction and Genetics</i> , 1998, 15, 173-176.	2.5	13
103	A balancing act: RNA binding protein HuR/TTP axis in endometriosis patients. <i>Scientific Reports</i> , 2017, 7, 5883.	3.3	13
104	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.	1.9	13
105	Loss of MIC-6 results in endometrial progesterone resistance via ERBB2. <i>Nature Communications</i> , 2022, 13, 1101.	12.8	13
106	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, , .	0.3	12
107	Luteal phase HCG support for unexplained recurrent pregnancy loss â€œ a low hanging fruit?. <i>Reproductive BioMedicine Online</i> , 2017, 34, 319-324.	2.4	12
108	Genetic and epigenetic changes in the eutopic endometrium of women with endometriosis: association with decreased endometrial $\alpha$ v $\beta$ 3 integrin expression. <i>Molecular Human Reproduction</i> , 2021, 27, .	2.8	12

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109	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.	2.1	12
110	Endometriosis and the Enigmatic Question of Progression. <i>Journal of Endometriosis and Pelvic Pain Disorders</i> , 2014, 6, 121-126.	0.5	11
111	Cytokine Stimulation of MUC4 Expression in Human Female Reproductive Tissue Carcinoma Cell Lines and Endometrial Cancer. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2649-2657.	2.6	11
112	Overexpression of Four Joint Box-I Protein (FJXI) in Eutopic Endometrium From Women With Endometriosis. <i>Reproductive Sciences</i> , 2018, 25, 207-213.	2.5	11
113	The pathologists are free to go, or are they?. <i>Fertility and Sterility</i> , 2013, 99, 350-351.	1.0	10
114	Elevated levels of adrenomedullin in eutopic endometrium and plasma from women with endometriosis. <i>Fertility and Sterility</i> , 2018, 109, 1072-1078.	1.0	10
115	Postmenopausal Deep Infiltrating Endometriosis of the Colon: Rare Location and Novel Medical Therapy. <i>Case Reports in Gastrointestinal Medicine</i> , 2018, 2018, 1-5.	0.3	6
116	Unexplained recurrent pregnancy loss and unexplained infertility: twins in disguise. <i>Human Reproduction Open</i> , 2020, 2020, .	5.4	6
117	SIRT1 plays an important role in implantation and decidualization during mouse early pregnancy. <i>Biology of Reproduction</i> , 2022, 106, 1072-1082.	2.7	6
118	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.	1.0	5
119	Implications of dysregulated endogenous cannabinoid family members in the pathophysiology of endometriosis. <i>F&amp;S Science</i> , 2021, 2, 419-430.	0.9	3
120	The Structure, Function, and Evaluation of the Female Reproductive Tract. , 2009, , 191-233.		2
121	Extracellular vesicles: a new understanding of endometrial receptivity?. <i>Fertility and Sterility</i> , 2020, 114, 287.	1.0	2
122	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, 228402652110185.	0.5	2
123	The Structure, Function, and Evaluation of the Female Reproductive Tract. , 2014, , 192-235.e16.		1
124	Clinical assessment of the endometrium. , 0, , 171-198.		0
125	Signaling Between Embryo and Endometrium: Normal Implantation. , 2018, , 1-19.		0
126	Endometrial receptivity. <i>Reproductive Medicine and Assisted Reproductive Techniques Series</i> , 2008, , 305-318.	0.1	0



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127	The endometrium of polycystic ovary syndrome. Reproductive Medicine and Assisted Reproductive Techniques Series, 2008, , 683-690.	0.1	0
128	B-cell lymphoma 6 (BCL6) testing before in vitro fertilization as a predictor of failure. Fertility and Sterility, 2022, , .	1.0	0