Sachiko Matsuzaki

List of Publications by Year
in descending order

55 papers	2,331 citations	201385 27 h-index	214527 47 g-index
55 all docs	55 docs citations	55 times ranked	2199 citing authors

#	Article	IF	Citations
1	Epithelial to mesenchymal transition-like and mesenchymal to epithelial transition-like processes might be involved in the pathogenesis of pelvic endometriosisâ€. Human Reproduction, 2012, 27, 712-721.	0.4	163
2	DNA microarray analysis of gene expression in eutopic endometrium from patients with deep endometriosis using laser capture microdissection. Fertility and Sterility, 2005, 84, 1180-1190.	0.5	153
3	HOXA-10 expression in the mid-secretory endometrium of infertile patients with either endometriosis, uterine fibromas or unexplained infertility. Human Reproduction, 2009, 24, 3180-3187.	0.4	113
4	DNA microarray analysis of gene expression profiles in deep endometriosis using laser capture microdissection. Molecular Human Reproduction, 2004, 10, 719-728.	1.3	111
5	Oxidative stress status in normal ovarian cortex surrounding ovarian endometriosis. Fertility and Sterility, 2010, 93, 2431-2432.	0.5	109
6	Impaired Down-Regulation of E-Cadherin and Î²-Catenin Protein Expression in Endometrial Epithelial Cells in the Mid-Secretory Endometrium of Infertile Patients with Endometriosis. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 3437-3445.	1.8	105
7	Involvement of the Wnt/Î²-Catenin Signaling Pathway in the Cellular and Molecular Mechanisms of Fibrosis in Endometriosis. PLoS ONE, 2013, 8, e76808.	1.1	103
8	Relationship between delay of surgical diagnosis and severity of disease in patients with symptomatic deep infiltrating endometriosis. Fertility and Sterility, 2006, 86, 1314-1316.	0.5	89
9	Differential expression of genes in eutopic and ectopic endometrium from patients with ovarian endometriosis. Fertility and Sterility, 2006, 86, 548-553.	0.5	87
10	Cyclooxygenase-2 expression in deep endometriosis and matched eutopic endometrium. Fertility and Sterility, 2004, 82, 1309-1315.	0.5	85
11	Cyclooxygenase-2 selective inhibitor prevents implantation of eutopic endometrium to ectopic sites in rats. Fertility and Sterility, 2004, 82, 1609-1615.	0.5	82
12	Antifibrotic properties of epigallocatechin-3-gallate in endometriosis. Human Reproduction, 2014, 29, 1677-1687.	0.4	66
13	In Vitro Effects of a Small-Molecule Antagonist of the Tcf/ÃŸ-Catenin Complex on Endometrial and Endometriotic Cells of Patients with Endometriosis. PLoS ONE, 2013, 8, e61690.	1.1	63
14	Co-operation between the AKT and ERK signaling pathways may support growth of deep endometriosis in a fibrotic microenvironment in vitroâ€. Human Reproduction, 2015, 30, 1606-1616.	0.4	60
15	Analysis of aromatase and 17Î²-hydroxysteroid dehydrogenase type 2 messenger ribonucleic acid expression in deep endometriosis and eutopic endometrium using laser capture microdissection. Fertility and Sterility, 2006, 85, 308-313.	0.5	59
16	Analysis of risk factors for the removal of normal ovarian tissue during laparoscopic cystectomy for ovarian endometriosis. Human Reproduction, 2009, 24, 1402-1406.	0.4	58
17	Impact of intraperitoneal pressure of a CO2 pneumoperitoneum on the surgical peritoneal environmentâ€. Human Reproduction, 2012, 27, 1613-1623.	0.4	56
18	Analysis of matrix metalloproteinase-7 expression in eutopic and ectopic endometrium samples from patients with different forms of endometriosis. Human Reproduction, 2010, 25, 742-750.	0.4	51

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19	Fibrogenesis in Peritoneal Endometriosis. Gynecologic and Obstetric Investigation, 1999, 47, 197-199.	0.7	48
20	Increased Mast Cell Density in Peritoneal Endometriosis Compared with Eutopic Endometrium with Endometriosis. American Journal of Reproductive Immunology, 1998, 40, 291-294.	1.2	44
21	Erythropoietin and erythropoietin receptor expression in human endometrium throughout the menstrual cycle. Molecular Human Reproduction, 2002, 8, 441-446.	1.3	42
22	Immunohistochemical analysis of the role of angiogenic status in the vasculature of peritoneal endometriosis. Fertility and Sterility, 2001, 76, 712-716.	0.5	40
23	Peritoneal tissue-oxygen tension during a carbon dioxide pneumoperitoneum in a mouse laparoscopic model with controlled respiratory support. Human Reproduction, 2007, 22, 1149-1155.	0.4	39
24	Targeting the Wnt/Î²-catenin pathway in endometriosis: a potentially effective approach for treatment and prevention. Molecular and Cellular Therapies, 2014, 2, 36.	0.2	31
25	Effects of low intraperitoneal pressure and a warmed, humidified carbon dioxide gas in laparoscopic surgery: a randomized clinical trial. Scientific Reports, 2017, 7, 11287.	1.6	31
26	Effects of matrix stiffness on epithelial to mesenchymal transition-like processes of endometrial epithelial cells: Implications for the pathogenesis of endometriosis. Scientific Reports, 2017, 7, 44616.	1.6	30
27	Excision of the posterior vaginal fornix is necessary to ensure complete resection of rectovaginal endometriotic nodules of more than 2 cm in size. Fertility and Sterility, 2009, 91, 1314-1315.	0.5	29
28	Soft matrices inhibit cell proliferation and inactivate the fibrotic phenotype of deep endometriotic stromal cellsin vitro. Human Reproduction, 2016, 31, 541-553.	0.4	29
29	Comparison between standard and reverse laparoscopic techniques for rectovaginal endometriosis. Surgical Endoscopy and Other Interventional Techniques, 2011, 25, 2711-2717.	1.3	28
30	In vitro and in vivo effects of MK2206 and chloroquine combination therapy on endometriosis: autophagy may be required for regrowth of endometriosis. British Journal of Pharmacology, 2018, 175, 1637-1653.	2.7	28
31	Carbon dioxide pneumoperitoneum, intraperitoneal pressure, and peritoneal tissue hypoxia: a mouse study with controlled respiratory support. Surgical Endoscopy and Other Interventional Techniques, 2010, 24, 2871-2880.	1.3	26
32	DNA microarray analysis in endometriosis for development of more effective targeted therapies. Frontiers in Bioscience - Elite, 2011, E3, 1139-1153.	0.9	23
33	Impact of intraperitoneal pressure and duration of surgery on levels of tissue plasminogen activator and plasminogen activator inhibitor-1 mRNA in peritoneal tissues during laparoscopic surgery. Human Reproduction, 2011, 26, 1073-1081.	0.4	23
34	Erythropoietin concentrations are elevated in the peritoneal fluid of women with endometriosis. Human Reproduction, 2001, 16, 945-948.	0.4	22
35	Both GnRH agonist and continuous oral progestin treatments reduce the expression of the tyrosine kinase receptor B and mu-opioid receptor in deep infiltrating endometriosis. Human Reproduction, 2006, 22, 124-128.	0.4	20
36	Effects of supplemental perioperative oxygen on post-operative abdominal wound adhesions in a mouse laparotomy model with controlled respiratory support. Human Reproduction, 2007, 22, 2702-2706.	0.4	20

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37	Molecular mechanisms underlying postoperative peritoneal tumor dissemination may differ between a laparotomy and carbon dioxide pneumoperitoneum: a syngeneic mouse model with controlled respiratory support. Surgical Endoscopy and Other Interventional Techniques, 2009, 23, 705-714.	1.3	18
38	Expression of erythropoietin and erythropoietin receptor in peritoneal endometriosis. Human Reproduction, 2003, 18, 152-166.	0.4	17
39	Expression of WT1 is down-regulated in eutopic endometrium obtained during the midsecretory phase from patients with endometriosis. Fertility and Sterility, 2006, 86, 554-558.	0.5	17
40	Impact of surgical peritoneal environment on postoperative tumor growth and dissemination in a preimplanted tumor model. Surgical Endoscopy and Other Interventional Techniques, 2009, 23, 1733-1739.	1.3	13
41	Mechanobiology of the female reproductive system. Reproductive Medicine and Biology, 2021, 20, 371-401.	1.0	12
42	Use of Laser Capture Microdissection in Studying Hormone-Dependent Diseases: Endometriosis. Methods in Molecular Biology, 2009, 590, 295-306.	0.4	11
43	Postoperative Peritoneal Dissemination of Ovarian Cancer Cells is not Promoted by Carbon-dioxide Pneumoperitoneum at Low Intraperitoneal Pressure in a Syngenic Mouse Laparoscopic Model with Controlled Respiratory Support: A Pilot Study. Journal of Minimally Invasive Gynecology, 2008, 15, 321-326.	0.3	10
44	Dose-dependent pro- or anti-fibrotic responses of endometriotic stromal cells to interleukin-1Î² and tumor necrosis factor Î±. Scientific Reports, 2020, 10, 9467.	1.6	10
45	Adenosine triphosphate-binding cassette transporter G2 expression inÂendometriosis and in endometrium from patients with and without endometriosis. Fertility and Sterility, 2012, 98, 1512-1520.e3.	0.5	9
46	Effects of U0126 and MK2206 on cell growth and re-growth of endometriotic stromal cells grown on substrates of varying stiffness. Scientific Reports, 2017, 7, 42939.	1.6	9
47	Effects of a protein kinase C inhibitor on the initial development of ectopic implants in a syngeneic mouse model of endometriosis. Fertility and Sterility, 2008, 89, 206-211.	0.5	7
48	Persistent activation of signal transducer and activator of transcription 3 via interleukin-6 trans-signaling is involved in fibrosis of endometriosis. Human Reproduction, 2022, 37, 1489-1504.	0.4	7
49	Impact of the Surgical Peritoneal Environment on Pre-implanted Tumors on a Molecular Level: A Syngeneic Mouse Model. Journal of Surgical Research, 2010, 162, 79-87.	0.8	5
50	Quality of life of women with endometriosis: comparison between epiphenomenon and severe disease. Journal of Endometriosis, 2012, 4, 77-84.	1.0	5
51	Impaired pathogen-induced autophagy and increased IL-1Î² and TNFÎ± release in response to pathogenic triggers in secretory phase endometrial stromal cells of endometriosis patients. Reproductive BioMedicine Online, 2020, 41, 767-781.	1.1	5
52	â€œGain more working space at a low intraperitoneal pressureâ€•may be a difficult, but worthy anesthesiologic challenge. Revista EspaÃ±ola De AnestesiologÃa Y ReanimaciÃ³n, 2014, 61, 2-5.	0.1	4
53	Is the dose to inhibit the COX-2 enzyme in nude mice also adequate in â€˜humanâ€™ endometrial tissues?. Human Reproduction, 2005, 20, 2665-2665.	0.4	3
54	Effects of Low Intraperitoneal Pressure on Quality of Postoperative Recovery after Laparoscopic Surgery for Genital Prolapse in Elderly Patients Aged 75 Years or Older. Journal of Minimally Invasive Gynecology, 2021, 28, 1072-1078.e3.	0.3	2

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55	Reply to the letter from Barra et al.. British Journal of Pharmacology, 2018, 175, 3628-3629.	2.7	1