

Leszek Antoni Pawelczyk

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

2,019
citations

331538

21
h-index

243529

44
g-index

54
all docs

54
docs citations

54
times ranked

2214
citing authors

#	ARTICLE	IF	CITATIONS
1	Metformin therapy decreases hyperandrogenism and hyperinsulinemia in women with polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2000, 73, 1149-1154.	0.5	232
2	Gut Microbial Diversity in Women With Polycystic Ovary Syndrome Correlates With Hyperandrogenism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1502-1511.	1.8	224
3	Immunohistochemical localization of advanced glycation end-products (AGEs) and their receptor (RAGE) in polycystic and normal ovaries. <i>Histochemistry and Cell Biology</i> , 2007, 127, 581-589.	0.8	151
4	Effects of Simvastatin and Oral Contraceptive Agent on Polycystic Ovary Syndrome: Prospective, Randomized, Crossover Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 456-461.	1.8	135
5	Effects of Resveratrol on Polycystic Ovary Syndrome: A Double-blind, Randomized, Placebo-controlled Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 4322-4328.	1.8	116
6	Effects of Simvastatin and Metformin on Polycystic Ovary Syndrome after Six Months of Treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 3493-3501.	1.8	98
7	Simvastatin improves biochemical parameters in women with polycystic ovary syndrome: results of a prospective, randomized trial. <i>Fertility and Sterility</i> , 2006, 85, 996-1001.	0.5	87
8	Comparison of Simvastatin and Metformin in Treatment of Polycystic Ovary Syndrome: Prospective Randomized Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 4938-4945.	1.8	85
9	Prediction of spontaneous conception based on semen parameters. <i>Journal of Developmental and Physical Disabilities</i> , 2008, 31, 499-507.	3.6	81
10	Mutations of <i>NANOS1</i> , a human homologue of the <i>Drosophila</i> morphogen, are associated with a lack of germ cells in testes or severe oligo-astheno-teratozoospermia. <i>Journal of Medical Genetics</i> , 2013, 50, 187-193.	1.5	61
11	Lysyl oxidase interacts with AGE signalling to modulate collagen synthesis in polycystic ovarian tissue. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 2460-2469.	1.6	57
12	Consequences of semen inflammation and lipid peroxidation on fertilization capacity of spermatozoa in in vitro conditions. <i>Journal of Developmental and Physical Disabilities</i> , 2005, 28, 275-283.	3.6	50
13	Lipids in polycystic ovary syndrome: Role of hyperinsulinemia and effects of metformin. <i>American Journal of Obstetrics and Gynecology</i> , 2006, 194, 1266-1272.	0.7	50
14	Functional Characterization of MicroRNA-27a-3p Expression in Human Polycystic Ovary Syndrome. <i>Endocrinology</i> , 2018, 159, 297-309.	1.4	50
15	Impact of protamine transcripts and their proteins on the quality and fertilization ability of sperm and the development of preimplantation embryos. <i>Reproductive Biology</i> , 2012, 12, 57-72.	0.9	43
16	Manual vs. computer-assisted sperm analysis: can CASA replace manual assessment of human semen in clinical practice?. <i>Ginekologia Polska</i> , 2017, 88, 56-60.	0.3	38
17	Success of laparoscopic ovarian wedge resection is related to obesity, lipid profile, and insulin levels. <i>Fertility and Sterility</i> , 2003, 79, 1008-1014.	0.5	37
18	Quantitative Assessment of Transition Proteins 1, 2 Spermatid-Specific Linker Histone H1-Like Protein Transcripts in Spermatozoa from Normozoospermic and Asthenozoospermic Men. <i>Archives of Andrology</i> , 2007, 53, 199-205.	1.0	33

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19	Genes Involved in the Processes of Cell Proliferation, Migration, Adhesion, and Tissue Development as New Potential Markers of Porcine Granulosa Cellular Processes <i>In Vitro</i> : A Microarray Approach. <i>DNA and Cell Biology</i> , 2019, 38, 549-560.	0.9	32
20	Metformin therapy increases insulin-like growth factor binding protein-1 in hyperinsulinemic women with polycystic ovary syndrome. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2004, 113, 209-213.	0.5	28
21	Expression Profile of Genes Regulating Steroid Biosynthesis and Metabolism in Human Ovarian Granulosa Cells—A Primary Culture Approach. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2673.	1.8	26
22	Factors influencing women's selection of combined hormonal contraceptive methods after counselling in 11 countries: Results from a subanalysis of the CHOICE study. <i>European Journal of Contraception and Reproductive Health Care</i> , 2013, 18, 372-380.	0.6	24
23	Current and future aspects of several adjunctive treatment strategies in polycystic ovary syndrome. <i>Reproductive Biology</i> , 2019, 19, 309-315.	0.9	21
24	Genes responsible for proliferation, differentiation, and junction adhesion are significantly up-regulated in human ovarian granulosa cells during a long-term primary in vitro culture. <i>Histochemistry and Cell Biology</i> , 2019, 151, 125-143.	0.8	20
25	<i>NANOS3</i> gene mutations in men with isolated sterility phenotype. <i>Molecular Reproduction and Development</i> , 2009, 76, 804-804.	1.0	19
26	Association between the angiotensin converting enzyme gene insertion/deletion polymorphism and metabolic disturbances in women with polycystic ovary syndrome. <i>Molecular Medicine Reports</i> , 2016, 14, 5401-5407.	1.1	16
27	Detection of a Short CCR5 Messenger RNA Isoform in Human Spermatozoa. <i>Journal of Andrology</i> , 2004, 25, 757-760.	2.0	13
28	Human Spermatozoa Ultrastructure Assessment in the Infertility Treatment by Assisted Reproduction Technique. <i>Archives of Andrology</i> , 2007, 53, 297-302.	1.0	13
29	Heart development and morphogenesis is a novel pathway for human ovarian granulosa cell differentiation during long-term <i>in vitro</i> cultivation—a microarray approach. <i>Molecular Medicine Reports</i> , 2019, 19, 1705-1715.	1.1	13
30	Is there association between the development of metabolic syndrome in polycystic ovary syndrome patients with the C677T methylenetetrahydrofolate reductase gene polymorphism?. <i>Ginekologia Polska</i> , 2016, 87, 246-253.	0.3	13
31	Elevation of markers of endotoxemia in women with polycystic ovary syndrome. <i>Human Reproduction</i> , 2020, 35, 2303-2311.	0.4	12
32	Cardiometabolic risk in patients with polycystic ovary syndrome. <i>Ginekologia Polska</i> , 2015, 86, 840-8.	0.3	12
33	Free fatty acid binding protein-4 and retinol binding protein-4 in polycystic ovary syndrome: response to simvastatin and metformin therapies. <i>Gynecological Endocrinology</i> , 2013, 29, 483-487.	0.7	11
34	Disparate Relationship of Sexual Satisfaction, Self-Esteem, Anxiety, and Depression with Endocrine Profiles of Women With or Without PCOS. <i>Reproductive Sciences</i> , 2020, 27, 432-442.	1.1	11
35	Pronuclear scoring as a predictor of embryo quality in in vitro fertilization program. <i>Folia Histochemica Et Cytobiologica</i> , 2007, 45 Suppl 1, S85-9.	0.6	11
36	Sperm midpiece apoptotic markers: impact on fertilizing potential in in vitro fertilization and intracytoplasmic sperm injection. <i>Human Cell</i> , 2016, 29, 67-75.	1.2	10

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37	Relationship between adipocytokines and angiotensin converting enzyme gene insertion/deletion polymorphism in lean women with and without polycystic ovary syndrome. <i>Gynecological Endocrinology</i> , 2020, 36, 496-500.	0.7	10
38	Decreased motility of human spermatozoa presenting phosphatidylserine membrane translocation-cells selection with the swim-up technique. <i>Human Cell</i> , 2013, 26, 28-34.	1.2	9
39	Serum Metabolomics in PCOS Women with Different Body Mass Index. <i>Journal of Clinical Medicine</i> , 2021, 10, 2811.	1.0	8
40	The role of insulin and selected adipocytokines in patients with polycystic ovary syndrome (PCOS) – a literature review. <i>Ginekologia Polska</i> , 2015, 86, 300-304.	0.3	8
41	Novel markers of human ovarian granulosa cell differentiation toward osteoblast lineage: A microarray approach. <i>Molecular Medicine Reports</i> , 2019, 20, 4403-4414.	1.1	8
42	Effect of growth differentiation factor-9 C447T and G546A polymorphisms on the outcomes of in vitro fertilization. <i>Molecular Medicine Reports</i> , 2016, 13, 4437-4442.	1.1	7
43	Planning and preparation for pregnancy among women with and without a history of infertility. <i>Ginekologia Polska</i> , 2018, 89, 74-79.	0.3	7
44	Expression of genes involved in neurogenesis, and neuronal precursor cell proliferation and development: Novel pathways of human ovarian granulosa cell differentiation and transdifferentiation capability in vitro. <i>Molecular Medicine Reports</i> , 2020, 21, 1749-1760.	1.1	7
45	Effects of Synbiotic Supplementation and Lifestyle Modifications on Women With Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 2566-2573.	1.8	6
46	Heterogeneity of Endocrinologic and Metabolic Parameters in Reproductive Age Polycystic Ovary Syndrome (PCOS) Women Concerning the Severity of Hyperandrogenemia – A New Insight on Syndrome Pathogenesis. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9291.	1.2	5
47	Human Ovarian Granulosa Cells Isolated during an IVF Procedure Exhibit Differential Expression of Genes Regulating Cell Division and Mitotic Spindle Formation. <i>Journal of Clinical Medicine</i> , 2019, 8, 2026.	1.0	4
48	Insulin-like growth factor-1 isoforms in human ovary. Preliminary report on the expression of the IGF-1 gene in PCOS patients and healthy controls.. <i>Ginekologia Polska</i> , 2015, 86, 890-5.	0.3	4
49	Should we use statins in treatment of polycystic ovary syndrome?. <i>Expert Review of Endocrinology and Metabolism</i> , 2009, 4, 209-211.	1.2	1
50	Ectopic pregnancy: which treatment method least affects fertility?. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2016, 198, 161-162.	0.5	1
51	Coenzyme and cofactor metabolism belongs to biochemical processes significantly regulated in human granulosa cells collected after IVF during long-term primary in vitro culture. <i>Medical Journal of Cell Biology (discontinued)</i> , 2019, 7, 152-160.	0.2	1
52	Effects of Simvastatin and Metformin on Polycystic Ovary Syndrome After Six Months of Treatment. <i>Obstetrical and Gynecological Survey</i> , 2012, 67, 474-475.	0.2	0
53	A Potential Relationship Between Estrogen Receptors Polymorphisms, Sperm Function and in vitro Fertilization Success: A Preliminary Study. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2021, 75, 304-316A.	0.1	0