

Corrine K. Welt

List of Publications by Year in descending order

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81
papers

7,585
citations

87888

38
h-index

64796

79
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87
all docs

87
docs citations

87
times ranked

6849
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnosis and Treatment of Polycystic Ovary Syndrome: An Endocrine Society Clinical Practice Guideline. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 4565-4592.	3.6	1,380
2	Recombinant Human Leptin in Women with Hypothalamic Amenorrhea. <i>New England Journal of Medicine</i> , 2004, 351, 987-997.	27.0	821
3	Primary ovarian insufficiency: a more accurate term for premature ovarian failure. <i>Clinical Endocrinology</i> , 2008, 68, 499-509.	2.4	391
4	The FMR1 premutation and reproduction. <i>Fertility and Sterility</i> , 2007, 87, 456-465.	1.0	360
5	Large-scale genome-wide meta-analysis of polycystic ovary syndrome suggests shared genetic architecture for different diagnosis criteria. <i>PLoS Genetics</i> , 2018, 14, e1007813.	3.5	341
6	Genome-wide association of polycystic ovary syndrome implicates alterations in gonadotropin secretion in European ancestry populations. <i>Nature Communications</i> , 2015, 6, 7502.	12.8	314
7	Causal mechanisms and balancing selection inferred from genetic associations with polycystic ovary syndrome. <i>Nature Communications</i> , 2015, 6, 8464.	12.8	304
8	Activins, Inhibins, and Follistatins: From Endocrinology to Signaling. A Paradigm for the New Millennium. <i>Experimental Biology and Medicine</i> , 2002, 227, 724-752.	2.4	283
9	Female Reproductive Aging Is Marked by Decreased Secretion of Dimeric Inhibin ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 105-111.	3.6	281
10	A Genetic Basis for Functional Hypothalamic Amenorrhea. <i>New England Journal of Medicine</i> , 2011, 364, 215-225.	27.0	219
11	The adult galactosemic phenotype. <i>Journal of Inherited Metabolic Disease</i> , 2012, 35, 279-286.	3.6	151
12	Variants in <i>DENND1A</i> Are Associated with Polycystic Ovary Syndrome in Women of European Ancestry. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1342-E1347.	3.6	142
13	FMR1 and the Continuum of Primary Ovarian Insufficiency. <i>Seminars in Reproductive Medicine</i> , 2011, 29, 299-307.	1.1	135
14	Frequency Modulation of Follicle-Stimulating Hormone (FSH) during the Luteal-Follicular Transition: Evidence for FSH Control of Inhibin B in Normal Women ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 2645-2652.	3.6	105
15	Lifecycle of Polycystic Ovary Syndrome (PCOS): From In Utero to Menopause. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 4629-4638.	3.6	105
16	Expanding the Phenotype and Genotype of Female GnRH Deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E566-E576.	3.6	97
17	Simultaneous Measurement of Thirteen Steroid Hormones in Women with Polycystic Ovary Syndrome and Control Women Using Liquid Chromatography-Tandem Mass Spectrometry. <i>PLoS ONE</i> , 2014, 9, e93805.	2.5	87
18	Dynamic Changes in the Intrafollicular Inhibin/Activin/Follistatin Axis during Human Follicular Development: Relationship to Circulating Hormone Concentrations*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 3319-3330.	3.6	84

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19	Control of Follicle-Stimulating Hormone by Estradiol and the Inhibins: Critical Role of Estradiol at the Hypothalamus during the Luteal-Follicular Transition. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 1766-1771.	3.6	81
20	Follicular Arrest in Polycystic Ovary Syndrome Is Associated with Deficient Inhibin A and B Biosynthesis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 5582-5587.	3.6	78
21	Whole-genome sequencing identifies rare genotypes in COMP and CHADL associated with high risk of hip osteoarthritis. <i>Nature Genetics</i> , 2017, 49, 801-805.	21.4	75
22	Coding sequence analysis of GNRHR and GPR54 in patients with congenital and adult-onset forms of hypogonadotropic hypogonadism. <i>European Journal of Endocrinology</i> , 2006, 155, S3-S10.	3.7	72
23	Adverse Effects of the Common Treatments for Polycystic Ovary Syndrome: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 4646-4654.	3.6	72
24	Imbalanced Expression of Inhibin and Activin Subunits in Primary Epithelial Ovarian Cancer. <i>Gynecologic Oncology</i> , 1998, 69, 23-31.	1.4	67
25	Presence of Activin, Inhibin, and Follistatin in Epithelial Ovarian Carcinoma ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 3720-3727.	3.6	65
26	Inhibin A and Inhibin B Responses to Gonadotropin Withdrawal Depends on Stage of Follicle Development ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 2163-2169.	3.6	63
27	Serum Inhibin B in Polycystic Ovary Syndrome: Regulation by Insulin and Luteinizing Hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 5559-5565.	3.6	55
28	The physiology and pathophysiology of inhibin, activin and follistatin in female reproduction. <i>Current Opinion in Obstetrics and Gynecology</i> , 2002, 14, 317-323.	2.0	55
29	Differential Regulation of Inhibin A and Inhibin B by Luteinizing Hormone, Follicle-Stimulating Hormone, and Stage of Follicle Development ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 2531-2537.	3.6	54
30	Selective Theca Cell Dysfunction in Autoimmune Oophoritis Results in Multifollicular Development, Decreased Estradiol, and Elevated Inhibin B Levels. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 3069-3076.	3.6	52
31	Relationship of Estradiol and Inhibin to the Follicle-Stimulating Hormone Variability in Hypergonadotropic Hypogonadism or Premature Ovarian Failure. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 826-830.	3.6	51
32	Mutations in <i>EIF4ENIF1</i> Are Associated With Primary Ovarian Insufficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E1534-E1539.	3.6	51
33	Sequence variation at the human FOXO3 locus: a study of premature ovarian failure and primary amenorrhea. <i>Human Reproduction</i> , 2007, 23, 216-221.	0.9	49
34	Isolated Prolactin Deficiency Associated With Serum Autoantibodies Against Prolactin-Secreting Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 3920-3925.	3.6	49
35	Regulation and Function of Inhibins in the Normal Menstrual Cycle. <i>Seminars in Reproductive Medicine</i> , 2004, 22, 187-193.	1.1	48
36	Dynamics of Inhibin Subunit and Follistatin mRNA during Development of Normal and Polycystic Ovary Syndrome Follicles. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4206-4215.	3.6	45

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37	Primary Ovarian Insufficiency and Azoospermia in Carriers of a Homozygous PSMC3IP Stop Gain Mutation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 555-563.	3.6	45
38	Metformin Improves Glucose Effectiveness, Not Insulin Sensitivity: Predicting Treatment Response in Women With Polycystic Ovary Syndrome in an Open-Label, Interventional Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 1870-1878.	3.6	43
39	Phenotype and Tissue Expression as a Function of Genetic Risk in Polycystic Ovary Syndrome. <i>PLoS ONE</i> , 2017, 12, e0168870.	2.5	43
40	A Polygenic and Phenotypic Risk Prediction for Polycystic Ovary Syndrome Evaluated by Phenome-Wide Association Studies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1918-1936.	3.6	40
41	<i>Autoimmune Oophoritis in the Adolescent</i> . <i>Annals of the New York Academy of Sciences</i> , 2008, 1135, 118-122.	3.8	38
42	Single nucleus multi-omics regulatory landscape of the murine pituitary. <i>Nature Communications</i> , 2021, 12, 2677.	12.8	38
43	Identification of subjects with polycystic ovary syndrome using electronic health records. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 116.	3.3	36
44	Recombinant human prolactin for the treatment of lactation insufficiency. <i>Clinical Endocrinology</i> , 2010, 73, 645-653.	2.4	34
45	Fertility preservation in female classic galactosemia patients. <i>Orphanet Journal of Rare Diseases</i> , 2013, 8, 107.	2.7	34
46	Genetics of Polycystic Ovary Syndrome. <i>Seminars in Reproductive Medicine</i> , 2014, 32, 177-182.	1.1	34
47	Environmental and genetic factors influence age at menarche in women with polycystic ovary syndrome. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2012, 25, 459-66.	0.9	33
48	Han Chinese polycystic ovary syndrome risk variants in women of European ancestry: relationship to FSH levels and glucose tolerance. <i>Human Reproduction</i> , 2015, 30, 1454-1459.	0.9	31
49	Healthy Post-Menarchal Adolescent Girls Demonstrate Multi-Level Reproductive Axis Immaturity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 613-623.	3.6	31
50	Leptin and Soluble Leptin Receptor in Follicular Fluid. <i>Journal of Assisted Reproduction and Genetics</i> , 2003, 20, 495-501.	2.5	29
51	Effects of Recombinant Human Prolactin on Breast Milk Composition. <i>Pediatrics</i> , 2011, 127, e359-e366.	2.1	27
52	The male reproductive system in classic galactosemia: cryptorchidism and low semen volume. <i>Journal of Inherited Metabolic Disease</i> , 2013, 36, 779-786.	3.6	24
53	Responsiveness to a Physiological Regimen of GnRH Therapy and Relation to Genotype in Women With Isolated Hypogonadotropic Hypogonadism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E206-E216.	3.6	24
54	Is GnRH Reduced at the Midcycle Surge in the Human?. <i>Neuroendocrinology</i> , 1998, 67, 363-369.	2.5	22

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55	Evaluating reported candidate gene associations with polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2013, 99, 1774-1778.	1.0	22
56	POLR2C Mutations Are Associated With Primary Ovarian Insufficiency in Women. <i>Journal of the Endocrine Society</i> , 2017, 1, 162-173.	0.2	22
57	Polycystic ovary morphology: age-based ultrasound criteria. <i>Fertility and Sterility</i> , 2017, 108, 548-553.	1.0	20
58	Gene variants associated with age at menopause are also associated with polycystic ovary syndrome, gonadotrophins and ovarian volume. <i>Human Reproduction</i> , 2015, 30, 1697-1703.	0.9	19
59	Ovarian histopathological and ubiquitin-immunophenotypic features in fragile X-associated primary ovarian insufficiency: a study of five cases and selected controls. <i>Histopathology</i> , 2011, 59, 1018-1023.	2.9	18
60	Dynamics of Inhibin Subunit and Follistatin mRNA during Development of Normal and Polycystic Ovary Syndrome Follicles. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4206-4215.	3.6	18
61	Will leptin become the treatment of choice for functional hypothalamic amenorrhea?. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , 2007, 3, 556-557.	2.8	17
62	Cigarette smoking, nicotine levels and increased risk for metabolic syndrome in women with polycystic ovary syndrome. <i>Gynecological Endocrinology</i> , 2013, 29, 551-555.	1.7	17
63	Specific Factors Predict the Response to Pulsatile Gonadotropin-Releasing Hormone Therapy in Polycystic Ovarian Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 2428-2436.	3.6	13
64	Increased Burden of Rare Sequence Variants in GnRH-Associated Genes in Women With Hypothalamic Amenorrhea. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e1441-e1452.	3.6	13
65	Causal and Candidate Gene Variants in a Large Cohort of Women With Primary Ovarian Insufficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 685-714.	3.6	13
66	Genetics of Polycystic Ovary Syndrome. <i>Endocrinology and Metabolism Clinics of North America</i> , 2021, 50, 71-82.	3.2	11
67	Activin Regulates α -Subunit and Activin Receptor Messenger Ribonucleic Acid and Cellular Proliferation in Activin-Responsive Testicular Tumor Cells. <i>Endocrinology</i> , 1998, 139, 1147-1155.	2.8	11
68	Relationship between polycystic ovary syndrome and ancestry in European Americans. <i>Fertility and Sterility</i> , 2016, 106, 1772-1777.	1.0	9
69	The role of variants regulating metformin transport and action in women with polycystic ovary syndrome. <i>Pharmacogenomics</i> , 2016, 17, 1765-1773.	1.3	8
70	Practical Approach to Hyperandrogenism in Women. <i>Medical Clinics of North America</i> , 2021, 105, 1099-1116.	2.5	8
71	Recombinant Human Leptin in Women With Hypothalamic Amenorrhea. <i>Obstetrical and Gynecological Survey</i> , 2005, 60, 104-105.	0.4	7
72	<i>PRL</i> Mutation Causing Alactogenesis: Insights Into Prolactin Structure and Function Relationships. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e3021-e3026.	3.6	6

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73	Short-term prolactin administration causes expressible galactorrhea but does not affect bone turnover: pilot data for a new lactation agent. <i>International Breastfeeding Journal</i> , 2007, 2, 10.	2.6	5
74	Identifying susceptibility genes for primary ovarian insufficiency on the high-risk genetic background of a fragile X premutation. <i>Fertility and Sterility</i> , 2021, 116, 843-854.	1.0	5
75	A PATIENT'S GUIDE: Polycystic Ovary Syndrome (PCOS). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 35A-36A.	3.6	4
76	Recurrent hypoglycemia does not impair the cortisol response to adrenocorticotropin infusion in healthy humans. <i>Metabolism: Clinical and Experimental</i> , 1998, 47, 1252-1257.	3.4	3
77	Inhibin, Activin, and Follistatin in Ovarian Physiology. , 2019, , 95-105.		3
78	Shared genetics between nonobstructive azoospermia and primary ovarian insufficiency. <i>F&S Reviews</i> , 2021, 2, 204-213.	1.3	2
79	A Genetic Basis for Functional Hypothalamic Amenorrhea. <i>Obstetrical and Gynecological Survey</i> , 2011, 66, 618-619.	0.4	0
80	The Physiology of the Human Midcycle Gonadotropin Surge. , 2000, , 79-97.		0
81	What Is the Male Polycystic Ovary Syndrome Phenotype?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, , .	3.6	0