

Contribution of myo-inositol to reproduction

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Interventional studies for polycystic ovarian syndrome in children and adolescents. <i>Pediatric Health</i> , 2010, 4, 59-73.	0.3	9
2	Multi-carbohydrase and phytase supplementation improves growth performance and liver insulin receptor sensitivity in broiler chickens fed diets containing full-fat rapeseed. <i>Poultry Science</i> , 2010, 89, 1939-1946.	3.4	51
3	The role of inositol supplementation in patients with polycystic ovary syndrome, with insulin resistance, undergoing the low-dose gonadotropin ovulation induction regimen. <i>Fertility and Sterility</i> , 2011, 95, 2642-2644.	1.0	45
4	Inositol effects on ovulation induction in patients with polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2011, 95, e47.	1.0	1
5	<scp>d</scp>-<i>myo</i>-Inositol-3-Phosphate Affects Phosphatidylinositol-Mediated Endomembrane Function in<i>Arabidopsis</i> and Is Essential for Auxin-Regulated Embryogenesis Å. <i>Plant Cell</i> , 2011, 23, 1352-1372.	6.6	92
6	Inositol administration reduces oxidative stress in erythrocytes of patients with polycystic ovary syndrome. <i>European Journal of Endocrinology</i> , 2012, 166, 703-710.	3.7	61
7	Myoinositol: Does It Improve Sperm Mitochondrial Function and Sperm Motility?. <i>Urology</i> , 2012, 79, 1290-1295.	1.0	101
8	Pretreatment with myo-inositol in non polycystic ovary syndrome patients undergoing multiple follicular stimulation for IVF: a pilot study. <i>Reproductive Biology and Endocrinology</i> , 2012, 10, 52.	3.3	38
9	CONCERN: Does ovary need D-chiro-inositol?. <i>Journal of Ovarian Research</i> , 2012, 5, 14.	3.0	55
10	Myo-inositol in a new pharmaceutical form: a step forward to a broader clinical use. <i>Expert Opinion on Drug Delivery</i> , 2012, 9, 267-271.	5.0	29
11	Effects of<i>myo</i>-inositol on proliferation, differentiation, oxidative status and antioxidant capacity of carp enterocytes in primary culture. <i>Aquaculture Nutrition</i> , 2013, 19, 45-53.	2.7	36
12	In vitro interceptive and reparative effects of myo-inositol against copper-induced oxidative damage and antioxidant system disturbance in primary cultured fish enterocytes. <i>Aquatic Toxicology</i> , 2013, 132-133, 100-110.	4.0	34
13	The combined therapy myo-inositol plus d-chiro-inositol, rather than d-chiro-inositol, is able to improve IVF outcomes: results from a randomized controlled trial. <i>Archives of Gynecology and Obstetrics</i> , 2013, 288, 1405-1411.	1.7	63
14	Combined Treatment with Myo-Inositol and Selenium Ensures Euthyroidism in Subclinical Hypothyroidism Patients with Autoimmune Thyroiditis. <i>Journal of Thyroid Research</i> , 2013, 2013, 1-5.	1.3	47
15	Know your Enemy: The Rationale of Using Inositol in the Treatment of Polycystic Ovary Syndrome. <i>Endocrinology & Metabolic Syndrome: Current Research</i> , 2013, 02, .	0.7	0
16	A Combined Treatment with Myo-Inositol and Monacolin K Improve the Androgen and Lipid Profiles of Insulin-Resistant PCOS Patients. <i>Journal of Metabolic Syndrome</i> , 2013, 02, .	0.1	4
17	Updates on the myo-inositol plus D-chiro-inositol combined therapy in polycystic ovary syndrome. <i>Expert Review of Clinical Pharmacology</i> , 2014, 7, 623-631.	3.1	51
18	Comparison between effects of myo-inositol and<scp>d</scp>-chiro-inositol on ovarian function and metabolic factors in women with PCOS. <i>Gynecological Endocrinology</i> , 2014, 30, 205-208.	1.7	75

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19	Strategies to Ameliorate Oxidative Stress During Assisted Reproduction. SpringerBriefs in Reproductive Biology, 2014, , .	0.0	5
20	Utility of antioxidants during assisted reproductive techniques: an evidence based review. Reproductive Biology and Endocrinology, 2014, 12, 112.	3.3	154
21	Lithium carbonate teratogenic effects in chick cardiomyocyte micromass system and mouse embryonic stem cell derived cardiomyocyte “ Possible protective role of myo-inositol. Reproductive Toxicology, 2014, 46, 106-114.	2.9	10
22	The rationale of the myo-inositol and D-chiro-inositol combined treatment for polycystic ovary syndrome. Journal of Clinical Pharmacology, 2014, 54, 1079-1092.	2.0	71
23	Influence of superdoses of a novel microbial phytase on growth performance, tibia ash, and gizzard phytate and inositol in young broilers. Poultry Science, 2014, 93, 1172-1177.	3.4	107
24	26. Nutraceutical approaches in female infertility: setting the rationale for treatments tailored to the patient’s phenotype and based on selected molecules. Human Health Handbooks, 2014, , 413-430.	0.1	0
25	Myoinositol improves sperm parameters and serum reproductive hormones in patients with idiopathic infertility: a prospective double-blind randomized placebo-controlled study. Andrology, 2015, 3, 491-495.	3.5	63
26	Inositols affect the mating circadian rhythm of Drosophila melanogaster. Frontiers in Pharmacology, 2015, 6, 111.	3.5	15
27	Effect of high-dose phytase supplementation in broilers from 22 to 42 days post-hatch given diets severely limited in available phosphorus. British Poultry Science, 2015, 56, 330-336.	1.7	8
28	Results from the International Consensus Conference on Myo-inositol and d-chiro-inositol in Obstetrics and Gynecology: the link between metabolic syndrome and PCOS. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2015, 195, 72-76.	1.1	108
29	Inositol Treatment and ART Outcomes in Women with PCOS. International Journal of Endocrinology, 2016, 2016, 1-9.	1.5	25
30	Metabolism and Ovarian Function in PCOS Women: A Therapeutic Approach with Inositols. International Journal of Endocrinology, 2016, 2016, 1-9.	1.5	75
31	Myo-Inositol in the Treatment of Teenagers Affected by PCOS. International Journal of Endocrinology, 2016, 2016, 1-6.	1.5	30
32	Profile and bioavailability analysis of myo-inositol phosphates in rye bread supplemented with phytases: a study using an in vitro method and Caco-2 monolayers. International Journal of Food Sciences and Nutrition, 2016, 67, 454-460.	2.8	5
33	Inositol and human reproduction. From cellular metabolism to clinical use. Gynecological Endocrinology, 2016, 32, 690-695.	1.7	47
34	Inositol supplement improves clinical pregnancy rate in infertile women undergoing ovulation induction for ICSI or IVF-ET. Medicine (United States), 2017, 96, e8842.	1.0	39
35	Comparison of two insulin sensitizers, metformin and myo-inositol, in women with polycystic ovary syndrome (PCOS). Gynecological Endocrinology, 2017, 33, 39-42.	1.7	79
36	Antioxidant Therapy in Assisted Reproductive Technologies. , 2017, , 137-158.		1

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37	Inositol treatment of anovulation in women with polycystic ovary syndrome: a meta-analysis of randomised trials. BJOG: an International Journal of Obstetrics and Gynaecology, 2018, 125, 299-308.	2.3	85
38	Therapeutic approach for metabolic disorders and infertility in women with PCOS. Gynecological Endocrinology, 2018, 34, 4-9.	1.7	64
39	The Effect of Nutrient Supplementation in Management of Polycystic Ovary Syndrome Associated Metabolic Dysfunctions: A Critical Review. Journal of the Turkish German Gynecology Association, 2018, 19, 220-232.	0.6	32
40	Antioxidant modifications induced by the new metformin derivative HL156A regulate metabolic reprogramming in SAMP1/kl (-/-) mice. Aging, 2018, 10, 2338-2355.	3.1	12
41	Inositol in Polycystic Ovary Syndrome: Restoring Fertility through a Pathophysiology-Based Approach. Trends in Endocrinology and Metabolism, 2018, 29, 768-780.	7.1	104
42	Polycystic Ovary Syndrome: Implication for Drug Metabolism on Assisted Reproductive Techniques” A Literature Review. Advances in Therapy, 2018, 35, 1805-1815.	2.9	62
43	Do inositol supplements enhance phosphatidylinositol supply and thus support endoplasmic reticulum function?. British Journal of Nutrition, 2018, 120, 301-316.	2.3	24
44	Overview of systematic reviews of non-pharmacological interventions in women with polycystic ovary syndrome. Human Reproduction Update, 2019, 25, 243-256.	10.8	32
45	Comparison of metformin plus myoinositol vs metformin alone in PCOS women undergoing ovulation induction cycles: randomized controlled trial. Gynecological Endocrinology, 2019, 35, 511-514.	1.7	31
46	The insulin-sensitizing mechanism of myo-inositol is associated with AMPK activation and GLUT-4 expression in human endometrial cells exposed to a PCOS environment. American Journal of Physiology - Endocrinology and Metabolism, 2020, 318, E237-E248.	3.5	53
47	Biosynthesis of myo-inositol in Escherichia coli by engineering myo-inositol-1-phosphate pathway. Biochemical Engineering Journal, 2020, 164, 107792.	3.6	10
48	A review of the role of inositols in conditions of insulin dysregulation and in uncomplicated and pathological pregnancy. Critical Reviews in Food Science and Nutrition, 2022, 62, 1626-1673.	10.3	18
49	New clinical targets of <sc>d</sc>-chiro-inositol: rationale and potential applications. Expert Opinion on Drug Metabolism and Toxicology, 2020, 16, 703-710.	3.3	17
50	Evaluation of carbohydrates and quality parameters in six types of commercial teas by targeted statistical analysis. Food Research International, 2020, 133, 109122.	6.2	16
51	Metabolomics of <i>Cassia Auriculata</i> Plant Parts (Leaf, Flower, Bud) and Their Antidiabetic Medicinal Potentials. OMICS A Journal of Integrative Biology, 2021, 25, 294-301.	2.0	6
52	An innovative approach to polycystic ovary syndrome. Journal of Obstetrics and Gynaecology, 2022, 42, 546-556.	0.9	2
53	Mathematical model of the ratio of sucrose added to dangshan pear paste based on GC analysis of d-allose as the characteristic component. LWT - Food Science and Technology, 2021, 152, 112363.	5.2	3
54	Role of selenium and myo-inositol supplementation on autoimmune thyroiditis progression. Endocrine Journal, 2020, 67, 1093-1098.	1.6	22

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55	Problems of delayed birth: the features of fertility in older reproductive age women and their correction methods. Reproductive Endocrinology, 2019, .	0.3	4
56	Antioxidant Strategies. SpringerBriefs in Reproductive Biology, 2014, , 23-38.	0.0	0
57	Metabolic Effects of D-Chiro-Inositol and Myo-Inositol in Polycystic Ovary Syndrome. International Journal of Clinical Endocrinology and Metabolism, 2017, 3, 029-033.	1.2	1
58	Management Options for Infertile Women with Polycystic Ovary Syndrome. US Endocrinology, 2018, 14, 67.	0.3	1
59	Myo-inositol: therapeutic possibilities and pregravid preparation in women with pcos. Reproductive Endocrinology, 2018, .	0.3	9
60	Estimulaci3n ov3rica para fecundaci3n in vitro-inyecci3n intracitoplasm3tica de espermatozoides en los ciclos con presunci3n de alta respuesta (2017). Progresos En Obstetricia Y Ginecologia, 2019, , .	0.0	0
61	Current aspects of polycystic ovary syndrome II: treatment of hyperandrogenism, insulin resistance and infertility. Bulletin of Medical Sciences, 2019, 92, 89-104.	0.0	0
62	Evaluation of the treatment with D-chiroinositol on levels of oxidative stress in pcos patients. Reproductive Endocrinology, 2019, .	0.3	0
63	The effect of nutrients on metabolic disorders associated with polycystic ovary syndrome. Russian Bulletin of Obstetrician-Gynecologist, 2020, 20, 27.	0.3	0
64	The conclusion of the Expert Council 'The product rationale based on inositol for use by patients with menstrual irregularities'. Russian Journal of Human Reproduction, 2020, 26, 44.	0.3	3
65	26. Nutraceutical approaches in female infertility: setting the rationale for treatments tailored to the patient's phenotype and based on selected molecules. , 0, , 413-430.		0
66	Fatty Acids and Metabolomic Composition of Follicular Fluid Collected from Environments Associated with Good and Poor Oocyte Competence in Goats. International Journal of Molecular Sciences, 2022, 23, 4141.	4.1	2
67	PCOS and Assisted Reproduction Technique: Role and Relevance of Inositols. Endocrines, 2021, 2, 515-522.	1.0	0
68	Inositol Derivatives with Anti-Inflammatory Activity from Leaves of Solanum Capsicoides Allioni. Molecules, 2022, 27, 6063.	3.8	0
69	Myo-inositol effect on pregnancy outcomes in infertile women undergoing in vitro fertilization/intracytoplasmic sperm injection: A double-blind RCT. International Journal of Reproductive BioMedicine, 0, , .	0.9	0
70	Effectiveness of inositol, metformin and their combination in women with PCOS undergoing assisted reproduction: systematic review and meta-analysis. Gynecological Endocrinology, 2022, 38, 1035-1046.	1.7	2
71	Use of myo-inositol in the treatment of PCOS symptoms in adolescents. , 2023, , 151-165.		0
72	Equine maternal aging affects the metabolomic profile of oocytes and follicular cells during different maturation time points. Frontiers in Cell and Developmental Biology, 0, 11, .	3.7	1

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73	Nanohydroxyapatite Loaded with 5-Fluorouracil and Calendula officinalis L. Plant Extract Rich in Myo-Inositols for Treatment of Ovarian Cancer Cells. Coatings, 2023, 13, 1944.	2.6	0