

Carlo Alviggi

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

6,007
citations

81434

41
h-index

90395

73
g-index

111
all docs

111
docs citations

111
times ranked

5111
citing authors

#	ARTICLE	IF	CITATIONS
1	Obstetric A&E unit admission and hospitalization for obstetrical management during COVID-19 pandemic in a third-level hospital of southern Italy. Archives of Gynecology and Obstetrics, 2022, 305, 859-867.	0.8	10
2	Meningioma during pregnancy: what can influence the management? A case series and review of the literature. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 8767-8777.	0.7	3
3	The negative impact of most relevant infections on fertility and assisted reproduction technology. Minerva Obstetrics and Gynecology, 2022, 74, .	0.5	13
4	Second stimulation in the same ovarian cycle: an option to fully-personalize the treatment in poor prognosis patients undergoing PGT-A. Journal of Assisted Reproduction and Genetics, 2022, 39, 663-673.	1.2	12
5	Effectiveness of progesterone supplementation in women presenting low progesterone levels on the day of frozen embryo transfer: a randomised controlled trial. BMJ Open, 2022, 12, e057353.	0.8	2
6	Neither rationale nor scientific evidence exist to support that double stimulation is potentially unsafe. Human Reproduction, 2022, , .	0.4	3
7	Mild/moderate versus full stimulation. Fertility and Sterility, 2022, 117, 664-668.	0.5	4
8	POSEIDON groups and their distinct reproductive outcomes: Effectiveness and cost-effectiveness insights from real-world data research. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2022, 85, 159-187.	1.4	6
9	SARS-CoV-2 pandemic and repercussions for male infertility patients: A proposal for the individualized provision of andrological services. Andrology, 2021, 9, 10-18.	1.9	41
10	Perinatal and obstetric outcomes in singleton pregnancies following fresh versus cryopreserved blastocyst transfer: a meta-analysis. Reproductive BioMedicine Online, 2021, 42, 401-412.	1.1	20
11	Caloric Restriction Promotes Immunometabolic Reprogramming Leading to Protection from Tuberculosis. Cell Metabolism, 2021, 33, 300-318.e12.	7.2	35
12	Improving Reporting of Clinical Studies Using the POSEIDON Criteria: POSORT Guidelines. Frontiers in Endocrinology, 2021, 12, 587051.	1.5	14
13	Reproductive function of long-term treated patients with hepatic onset of Wilson's disease: a prospective study. Reproductive BioMedicine Online, 2021, 42, 835-841.	1.1	5
14	The pleiotropic roles of leptin in metabolism, immunity, and cancer. Journal of Experimental Medicine, 2021, 218, .	4.2	54
15	Effect of Dexamethasone Co-Treatment During Ovarian Stimulation in Women of Different Reproductive Age With Elevated Early Follicular Phase Progesterone Level: a Prospective Longitudinal Study. Reproductive Sciences, 2021, 28, 3258-3264.	1.1	1
16	Optimising Follicular Development, Pituitary Suppression, Triggering and Luteal Phase Support During Assisted Reproductive Technology: A Delphi Consensus. Frontiers in Endocrinology, 2021, 12, 675670.	1.5	21
17	Editorial: POSEIDON's Stratification of "Low Prognosis" Patients in ART: The WHY, the WHAT, and the HOW. Frontiers in Endocrinology, 2021, 12, 719647.	1.5	0
18	Cumulative delivery rate per aspiration IVF/ICSI cycle in POSEIDON patients: a real-world evidence study of 9073 patients. Human Reproduction, 2021, 36, 2157-2169.	0.4	30

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19	Recombinant human luteinizing hormone co-treatment in ovarian stimulation for assisted reproductive technology in women of advanced reproductive age: a systematic review and meta-analysis of randomized controlled trials. <i>Reproductive Biology and Endocrinology</i> , 2021, 19, 91.	1.4	21
20	Unravelling the link between phthalate exposure and endometriosis in humans: a systematic review and meta-analysis of the literature. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 2543-2557.	1.2	8
21	Luteal Phase Support Using Subcutaneous Progesterone: A Systematic Review. <i>Frontiers in Reproductive Health</i> , 2021, 3, .	0.6	1
22	Non-Invasive Prenatal Testing: Current Perspectives and Future Challenges. <i>Genes</i> , 2021, 12, 15.	1.0	36
23	Effect of Genetic Variants of Gonadotropins and Their Receptors on Ovarian Stimulation Outcomes: A Delphi Consensus. <i>Frontiers in Endocrinology</i> , 2021, 12, 797365.	1.5	9
24	Luteal phase after conventional stimulation in the same ovarian cycle might improve the management of poor responder patients fulfilling the Bologna criteria: a case series. <i>Fertility and Sterility</i> , 2020, 113, 121-130.	0.5	46
25	The Interplay Between Prolactin and Reproductive System: Focus on Uterine Pathophysiology. <i>Frontiers in Endocrinology</i> , 2020, 11, 594370.	1.5	20
26	A practical approach for the management of obstetric and infertile women during the phase two of the novel coronavirus disease 2019 (COVID-19) pandemic. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2020, 251, 266-267.	0.5	8
27	Bisphenol A-Induced Epigenetic Changes and Its Effects on the Male Reproductive System. <i>Frontiers in Endocrinology</i> , 2020, 11, 453.	1.5	39
28	Phthalates and Bisphenol A: Presence in Blood Serum and Follicular Fluid of Italian Women Undergoing Assisted Reproduction Techniques. <i>Toxics</i> , 2020, 8, 91.	1.6	30
29	Circulating Nucleic Acids in Maternal Plasma and Serum in Pregnancy Complications: Are They Really Useful in Clinical Practice? A Systematic Review. <i>Molecular Diagnosis and Therapy</i> , 2020, 24, 409-431.	1.6	20
30	COVID-19 and assisted reproductive technology services: repercussions for patients and proposal for individualized clinical management. <i>Reproductive Biology and Endocrinology</i> , 2020, 18, 45.	1.4	81
31	Ovarian reserve tests: Are they only a quantitative measure?. <i>Fertility and Sterility</i> , 2020, 113, 761-762.	0.5	6
32	Smoke, alcohol and drug addiction and female fertility. <i>Reproductive Biology and Endocrinology</i> , 2020, 18, 21.	1.4	69
33	DuoStim "a reproducible strategy to obtain more oocytes and competent embryos in a short time-frame aimed at fertility preservation and IVF purposes. A systematic review. <i>Upsala Journal of Medical Sciences</i> , 2020, 125, 121-130.	0.4	33
34	Effect of rescue fractional microablative CO2 laser on symptoms and sexual dysfunction in women affected by vulvar lichen sclerosus resistant to long-term use of topic corticosteroid: a prospective longitudinal study. <i>Menopause</i> , 2020, 27, 418-422.	0.8	23
35	Hysteroscopy and Infertility. , 2020, , 163-170.		0
36	Pharmacogenetics of FSH Action in the Female. <i>Frontiers in Endocrinology</i> , 2019, 10, 398.	1.5	28

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37	Unexpected ovarian activity in premenopausal breast cancer survivors treated with exemestane and GnRH analogues. <i>Breast Journal</i> , 2019, 25, 1310-1311.	0.4	4
38	Future Perspectives of POSEIDON Stratification for Clinical Practice and Research. <i>Frontiers in Endocrinology</i> , 2019, 10, 439.	1.5	19
39	Sexual Intercourse for Induction of Spontaneous Onset of Labor: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Journal of Sexual Medicine</i> , 2019, 16, 1787-1795.	0.3	8
40	Management Strategies for POSEIDON Groups 3 and 4. <i>Frontiers in Endocrinology</i> , 2019, 10, 614.	1.5	43
41	Endometrial scratching for infertile women undergoing a first embryo transfer: a systematic review and meta-analysis of published and unpublished data from randomized controlled trials. <i>Fertility and Sterility</i> , 2019, 111, 734-746.e2.	0.5	58
42	Estimation of age-dependent decrease in blastocyst euploidy by next generation sequencing: development of a novel prediction model. <i>Panminerva Medica</i> , 2019, 61, 3-10.	0.2	62
43	Novel approaches for diagnosis and management of low prognosis patients in assisted reproductive technology: the POSEIDON concept. <i>Panminerva Medica</i> , 2019, 61, 24-29.	0.2	46
44	Management of women with atypical polypoid adenomyoma of the uterus: A quantitative systematic review. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2019, 98, 842-855.	1.3	45
45	Management of Women With an Unexpected Low Ovarian Response to Gonadotropin. <i>Frontiers in Endocrinology</i> , 2019, 10, 387.	1.5	72
46	Unified diagnostic criteria for chronic endometritis at fluid hysteroscopy: proposal and reliability evaluation through an international randomized-controlled observer study. <i>Fertility and Sterility</i> , 2019, 112, 162-173.e2.	0.5	64
47	The role of recombinant LH in women with hypo-response to controlled ovarian stimulation: a systematic review and meta-analysis. <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 18.	1.4	57
48	The POSEIDON Criteria and Its Measure of Success Through the Eyes of Clinicians and Embryologists. <i>Frontiers in Endocrinology</i> , 2019, 10, 814.	1.5	69
49	Oocyte quantity, as well as oocyte quality, plays a significant role for the cumulative live birth rate of a POSEIDON criteria patient. <i>Human Reproduction</i> , 2019, 34, 2555-2557.	0.4	14
50	Validation of ART Calculator for Predicting the Number of Metaphase II Oocytes Required for Obtaining at Least One Euploid Blastocyst for Transfer in Couples Undergoing in vitro Fertilization/Intracytoplasmic Sperm Injection. <i>Frontiers in Endocrinology</i> , 2019, 10, 917.	1.5	27
51	Double stimulation in the same ovarian cycle (DuoStim) is an intriguing strategy to improve oocyte yield and the number of competent embryos in a short timeframe. <i>Minerva Ginecologica</i> , 2019, 71, 372-376.	0.8	20
52	Can we trust tumour markers in pregnancy after breast cancer? A case of elevated CA 15-3 in the third trimester of pregnancy normalising after delivery. <i>Ecancermedicalscience</i> , 2019, 13, 979.	0.6	2
53	Recombinant luteinizing hormone supplementation in assisted reproductive technology: a systematic review. <i>Fertility and Sterility</i> , 2018, 109, 644-664.	0.5	105
54	Influence of cryopreservation on perinatal outcome after blastocyst cleavage stage embryo transfer: systematic review and meta-analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018, 51, 54-63.	0.9	79

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55	Air pollution and female fertility: a systematic review of literature. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 117.	1.4	110
56	Understanding Ovarian Hypo-Response to Exogenous Gonadotropin in Ovarian Stimulation and Its New Proposed Markerâ€”The Follicle-To-Oocyte (FOI) Index. <i>Frontiers in Endocrinology</i> , 2018, 9, 589.	1.5	106
57	Luteal phase anovulatory follicles result in the production of competent oocytes: intra-patient paired case-control study comparing follicular versus luteal phase stimulations in the same ovarian cycle. <i>Human Reproduction</i> , 2018, 33, 1442-1448.	0.4	89
58	Drugs Used for Controlled Ovarian Stimulation. , 2018, , 9-15.		1
59	Response: Commentary: Efficacy of Follicle-Stimulating Hormone (FSH) Alone, FSH+Luteinizing Hormone, Human Menopausal Gonadotropin or FSH+Human Chorionic Gonadotropin on Assisted Reproductive Technology Outcomes in the â€œPersonalizedâ€•Medicine Era: A Meta-analysis. <i>Frontiers in Endocrinology</i> , 2018, 9, 113.	1.5	6
60	Predicting live birth for poor ovarian responders: the PROsPeR concept. <i>Reproductive BioMedicine Online</i> , 2018, 37, 43-52.	1.1	13
61	Defining Low Prognosis Patients Undergoing Assisted Reproductive Technology: POSEIDON Criteriaâ€”The Why. <i>Frontiers in Endocrinology</i> , 2018, 9, 461.	1.5	122
62	Clinical relevance of genetic variants of gonadotrophins and their receptors in controlled ovarian stimulation: a systematic review and meta-analysis. <i>Human Reproduction Update</i> , 2018, 24, 599-614.	5.2	83
63	Effect of the male factor on the clinical outcome of intracytoplasmic sperm injection combined with preimplantation aneuploidy testing: observational longitudinal cohort study of 1,219 consecutive cycles. <i>Fertility and Sterility</i> , 2017, 108, 961-972.e3.	0.5	125
64	Efficacy of Follicle-Stimulating Hormone (FSH) Alone, FSH+Luteinizing Hormone, Human Menopausal Gonadotropin or FSH+Human Chorionic Gonadotropin on Assisted Reproductive Technology Outcomes in the â€œPersonalizedâ€•Medicine Era: A Meta-analysis. <i>Frontiers in Endocrinology</i> , 2017, 8, 114.	1.5	76
65	The Distribution of Stroma and Antral Follicles Differs between Insulin-Resistance and Hyperandrogenism-Related Polycystic Ovarian Syndrome. <i>Frontiers in Endocrinology</i> , 2017, 8, 117.	1.5	36
66	The novel POSEIDON stratification of â€˜Low prognosis patients in Assisted Reproductive Technologyâ€™ and its proposed marker of successful outcome. <i>F1000Research</i> , 2016, 5, 2911.	0.8	201
67	Investigation of sperm telomere length as a potential marker of paternal genome integrity and semen quality. <i>Reproductive BioMedicine Online</i> , 2016, 33, 404-411.	1.1	65
68	Follicular versus luteal phase ovarian stimulation during the same menstrual cycle (DuoStim) in a reduced ovarian reserve population results in a similar euploid blastocyst formation rate: new insight in ovarian reserve exploitation. <i>Fertility and Sterility</i> , 2016, 105, 1488-1495.e1.	0.5	187
69	Efficacy of hysteroscopy in improving reproductive outcomes of infertile couples: a systematic review and meta-analysis. <i>Human Reproduction Update</i> , 2016, 22, 479-496.	5.2	113
70	A new more detailed stratification of low responders to ovarian stimulation: from a poor ovarian response to a low prognosis concept. <i>Fertility and Sterility</i> , 2016, 105, 1452-1453.	0.5	401
71	In Estimated Good Prognosis Patients Could Unexpected â€œHyporesponseâ€•to Controlled Ovarian Stimulation be Related to Genetic Polymorphisms of FSH Receptor?. <i>Reproductive Sciences</i> , 2016, 23, 1103-1108.	1.1	38
72	The effect of FT500 Plus Â® on ovarian stimulation in PCOS women. <i>Reproductive Toxicology</i> , 2016, 59, 40-44.	1.3	20

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73	The Proteomic Landscape of Human Ex Vivo Regulatory and Conventional T Cells Reveals Specific Metabolic Requirements. <i>Immunity</i> , 2016, 44, 406-421.	6.6	201
74	May Underdiagnosed Nutrition Imbalances Be Responsible for a Portion of So-Called Unexplained Infertility? From Diagnosis to Potential Treatment Options. <i>Reproductive Sciences</i> , 2016, 23, 812-822.	1.1	7
75	The Potential Role of GnRH Agonists and Antagonists in Inducing Thyroid Physiopathological Changes During IVF. <i>Reproductive Sciences</i> , 2016, 23, 515-523.	1.1	20
76	Regulatory T cells, inflammation, and endoplasmic reticulum stress in women with defective endometrial receptivity. <i>Fertility and Sterility</i> , 2015, 103, 1579-1586.e1.	0.5	43
77	Techniques to reduce blood loss during open myomectomy: a qualitative review of literature. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2015, 192, 90-95.	0.5	29
78	The Role of LH in Controlled Ovarian Stimulation. , 2015, , 171-196.		4
79	Successful direct bipolar resection of 6th week cesarean scar pregnancy: case report and literature review. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 179, 229-231.	0.5	14
80	Pituitary tumors and pregnancy: the interplay between a pathologic condition and a physiologic status. <i>Journal of Endocrinological Investigation</i> , 2014, 37, 99-112.	1.8	34
81	Subcutaneous progesterone versus vaginal progesterone gel for luteal phase support in in vitro fertilization: a noninferiority randomized controlled study. <i>Fertility and Sterility</i> , 2014, 101, 112-119.e3.	0.5	73
82	Intact removal of spontaneous twin ectopic Caesarean scar pregnancy by office hysteroscopy: case report and literature review. <i>Reproductive BioMedicine Online</i> , 2014, 29, 530-533.	1.1	12
83	Association between intrafollicular concentration of benzene and outcome of controlled ovarian stimulation in IVF/ICSI cycles: a pilot study. <i>Journal of Ovarian Research</i> , 2014, 7, 67.	1.3	41
84	Cost-effectiveness analysis on the use of rFSH + rLH for the treatment of anovulation in hypogonadotropic hypogonadal women. <i>Therapeutics and Clinical Risk Management</i> , 2014, 10, 479.	0.9	8
85	A common polymorphic allele of the LH beta-subunit gene is associated with higher exogenous FSH consumption during controlled ovarian stimulation for assisted reproductive technology. <i>Reproductive Biology and Endocrinology</i> , 2013, 11, 51.	1.4	63
86	Cervico-isthmic pregnancy successfully treated with bipolar resection following methotrexate administration: case report and literature review. <i>Reproductive BioMedicine Online</i> , 2013, 26, 99-103.	1.1	15
87	Hormonal, functional and genetic biomarkers in controlled ovarian stimulation: tools for matching patients and protocols. <i>Reproductive Biology and Endocrinology</i> , 2012, 10, 9.	1.4	54
88	Who needs LH in ovarian stimulation?. <i>Reproductive BioMedicine Online</i> , 2011, 22, S33-S41.	1.1	24
89	Suboptimal response to GnRH α long protocol is associated with a common LH polymorphism. <i>Reproductive BioMedicine Online</i> , 2011, 22, S67-S72.	1.1	38
90	Endometrial polyps in infertile patients: do high concentrations of interferon-gamma play a role?. <i>Fertility and Sterility</i> , 2011, 96, 1209-1212.	0.5	19

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91	Enhanced frequency of <i>CFTR</i> gene variants in couples who are candidates for assisted reproductive technology treatment. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 1289-1293.	1.4	27
92	Hysteroscopic resection of the septum improves the pregnancy rate of women with unexplained infertility: a prospective controlled trial. <i>Fertility and Sterility</i> , 2009, 91, 2628-2631.	0.5	231
93	Suboptimal response to GnRHa long protocol is associated with a common LH polymorphism. <i>Reproductive BioMedicine Online</i> , 2009, 18, 9-14.	1.1	51
94	Biological versus chronological ovarian age: implications for assisted reproductive technology. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 101.	1.4	122
95	Leptin concentrations in the peritoneal fluid of women with ovarian endometriosis are different according to the presence of a "deep" or "superficial" ovarian disease. <i>Gynecological Endocrinology</i> , 2009, 25, 610-615.	0.7	19
96	Lutropin Alfa. <i>Drugs</i> , 2008, 68, 1541-1542.	4.9	3
97	Etiology of hypercoagulable state in women with recurrent fetal loss without other causes of miscarriage from Southern Italy: new clinical target for antithrombotic therapy. <i>Biologics: Targets and Therapy</i> , 2008, 2, 897.	3.0	37
98	Compliance and diagnostic efficacy of mini-hysteroscopy versus traditional hysteroscopy in infertility investigation. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2007, 135, 83-87.	0.5	29
99	Exploiting LH in ovarian stimulation. <i>Reproductive BioMedicine Online</i> , 2006, 12, 221-233.	1.1	45
100	Who needs LH in ovarian stimulation?. <i>Reproductive BioMedicine Online</i> , 2006, 12, 599-607.	1.1	41
101	Intra-follicular leptin concentration as a predictive factor for in vitro oocyte fertilization in assisted reproductive techniques. <i>Journal of Endocrinological Investigation</i> , 2006, 29, 719-726.	1.8	39
102	Gonadotropin-releasing hormone (GnRH) antagonist plus recombinant luteinizing hormone vs. a standard GnRH agonist short protocol in patients at risk for poor ovarian response. <i>Fertility and Sterility</i> , 2006, 85, 247-250.	0.5	62
103	Effects of recombinant LH (rLH) supplementation during controlled ovarian hyperstimulation (COH) in normogonadotrophic women with an initial inadequate response to recombinant FSH (rFSH) after pituitary downregulation. <i>Clinical Endocrinology</i> , 2004, 60, 637-643.	1.2	75
104	Unraveling the multiple roles of leptin in inflammation and autoimmunity. <i>Journal of Molecular Medicine</i> , 2004, 82, 4-11.	1.7	171
105	Chaotic mosaicism in human preimplantation embryos is correlated with a low mitochondrial membrane potential. <i>Fertility and Sterility</i> , 2003, 79, 340-346.	0.5	101
106	Pathogenesis of endometriosis: natural immunity dysfunction or autoimmune disease?. <i>Trends in Molecular Medicine</i> , 2003, 9, 223-228.	3.5	260
107	High outcome predictability after IVF using a combined score for zygote and embryo morphology and growth rate. <i>Human Reproduction</i> , 2002, 17, 2402-2409.	0.4	98
108	Rescue of IVF cycles by HMG in pituitary down-regulated normogonadotrophic young women characterized by a poor initial response to recombinant FSH. <i>Human Reproduction</i> , 2001, 16, 1875-1879.	0.4	82

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109	Mitochondrial aggregation patterns and activity in human oocytes and preimplantation embryos. Human Reproduction, 2001, 16, 909-917.	0.4	470