

Arri Coomarasamy

List of Publications by Year in descending order

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Version: 2024-02-01

118
papers

8,348
citations

81743

39
h-index

49773

87
g-index

149
all docs

149
docs citations

149
times ranked

8527
citing authors

#	ARTICLE	IF	CITATIONS
1	Association between the number of eggs and live birth in IVF treatment: an analysis of 400 135 treatment cycles. <i>Human Reproduction</i> , 2011, 26, 1768-1774.	0.4	737
2	What is the evidence that postgraduate teaching in evidence based medicine changes anything? A systematic review. <i>BMJ: British Medical Journal</i> , 2004, 329, 1017.	2.4	580
3	Miscarriage matters: the epidemiological, physical, psychological, and economic costs of early pregnancy loss. <i>Lancet, The</i> , 2021, 397, 1658-1667.	6.3	508
4	The effect of sperm DNA fragmentation on miscarriage rates: a systematic review and meta-analysis. <i>Human Reproduction</i> , 2012, 27, 2908-2917.	0.4	500
5	Women's groups practising participatory learning and action to improve maternal and newborn health in low-resource settings: a systematic review and meta-analysis. <i>Lancet, The</i> , 2013, 381, 1736-1746.	6.3	477
6	Association between thyroid autoantibodies and miscarriage and preterm birth: meta-analysis of evidence. <i>BMJ: British Medical Journal</i> , 2011, 342, d2616-d2616.	2.4	439
7	A review of solutions for diagnostic accuracy studies with an imperfect or missing reference standard. <i>Journal of Clinical Epidemiology</i> , 2009, 62, 797-806.	2.4	311
8	Conventional and modern markers of endometrial receptivity: a systematic review and meta-analysis. <i>Human Reproduction Update</i> , 2019, 25, 202-223.	5.2	299
9	The effect of intramural fibroids without uterine cavity involvement on the outcome of IVF treatment: a systematic review and meta-analysis. <i>Human Reproduction</i> , 2010, 25, 418-429.	0.4	292
10	A Randomized Trial of Progesterone in Women with Recurrent Miscarriages. <i>New England Journal of Medicine</i> , 2015, 373, 2141-2148.	13.9	216
11	Effects of antenatal diet and physical activity on maternal and fetal outcomes: individual patient data meta-analysis and health economic evaluation. <i>Health Technology Assessment</i> , 2017, 21, 1-158.	1.3	214
12	Levothyroxine in Women with Thyroid Peroxidase Antibodies before Conception. <i>New England Journal of Medicine</i> , 2019, 380, 1316-1325.	13.9	208
13	The relationship between endometrial thickness and outcome of medicated frozen embryo replacement cycles. <i>Fertility and Sterility</i> , 2008, 89, 832-839.	0.5	178
14	Urinary hMG versus recombinant FSH for controlled ovarian hyperstimulation following an agonist long down-regulation protocol in IVF or ICSI treatment: a systematic review and meta-analysis. <i>Human Reproduction</i> , 2007, 23, 310-315.	0.4	149
15	Hysteroscopy in recurrent in-vitro fertilisation failure (TROPHY): a multicentre, randomised controlled trial. <i>Lancet, The</i> , 2016, 387, 2614-2621.	6.3	141
16	Polycystic ovary syndrome, androgen excess, and the risk of nonalcoholic fatty liver disease in women: A longitudinal study based on a United Kingdom primary care database. <i>PLoS Medicine</i> , 2018, 15, e1002542.	3.9	119
17	Anaesthesia-related maternal mortality in low-income and middle-income countries: a systematic review and meta-analysis. <i>The Lancet Global Health</i> , 2016, 4, e320-e327.	2.9	113
18	Vitamin D and assisted reproductive treatment outcome: a systematic review and meta-analysis. <i>Human Reproduction</i> , 2018, 33, 65-80.	0.4	112

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19	Heat-Stable Carbetocin versus Oxytocin to Prevent Hemorrhage after Vaginal Birth. <i>New England Journal of Medicine</i> , 2018, 379, 743-752.	13.9	108
20	A Randomized Trial of Progesterone in Women with Bleeding in Early Pregnancy. <i>New England Journal of Medicine</i> , 2019, 380, 1815-1824.	13.9	107
21	Accuracy of ultrasound biometry in the prediction of macrosomia: a systematic quantitative review. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2005, 112, 1461-1466.	1.1	105
22	Ultrasound-guided hydrosalpinx aspiration during oocyte collection improves pregnancy outcome in IVF: a randomized controlled trial. <i>Human Reproduction</i> , 2008, 23, 1113-1117.	0.4	103
23	Outpatient hysteroscopy and subsequent IVF cycle outcome: a systematic review and meta-analysis. <i>Reproductive BioMedicine Online</i> , 2008, 16, 712-719.	1.1	97
24	Potential genetic causes of miscarriage in euploid pregnancies: a systematic review. <i>Human Reproduction Update</i> , 2019, 25, 452-472.	5.2	95
25	Micronized vaginal progesterone to prevent miscarriage: a critical evaluation of randomized evidence. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 223, 167-176.	0.7	94
26	Non-hormonal therapy of post-menopausal vasomotor symptoms: a structured evidence-based review. <i>Archives of Gynecology and Obstetrics</i> , 2007, 276, 463-469.	0.8	89
27	Prediction of in vitro fertilization outcome at different antral follicle count thresholds in a prospective cohort of 1,012 women. <i>Fertility and Sterility</i> , 2012, 98, 657-663.	0.5	88
28	Long gonadotropin-releasing hormone agonist versus short agonist versus antagonist regimens in poor responders undergoing in vitro fertilization: a randomized controlled trial. <i>Fertility and Sterility</i> , 2014, 101, 147-153.	0.5	87
29	Physiological, hyaluronan-selected intracytoplasmic sperm injection for infertility treatment (HABSelect): a parallel, two-group, randomised trial. <i>Lancet, The</i> , 2019, 393, 416-422.	6.3	85
30	Association between response to ovarian stimulation and miscarriage following IVF: an analysis of 124 351 IVF pregnancies. <i>Human Reproduction</i> , 2014, 29, 1218-1224.	0.4	78
31	Recurrent miscarriage: evidence to accelerate action. <i>Lancet, The</i> , 2021, 397, 1675-1682.	6.3	75
32	Aspirin in women undergoing in vitro fertilization treatment: a systematic review and meta-analysis. <i>Fertility and Sterility</i> , 2007, 88, 822-831.	0.5	71
33	Gonadotropin-releasing hormone agonists versus antagonists for controlled ovarian hyperstimulation in oocyte donors: a systematic review and meta-analysis. <i>Fertility and Sterility</i> , 2011, 95, 164-169.	0.5	71
34	Mifepristone and misoprostol versus misoprostol alone for the management of missed miscarriage (MifeMiso): a randomised, double-blind, placebo-controlled trial. <i>Lancet, The</i> , 2020, 396, 770-778.	6.3	66
35	Optimal endometrial thickness to maximize live births and minimize pregnancy losses: Analysis of 25,767 fresh embryo transfers. <i>Reproductive BioMedicine Online</i> , 2018, 37, 542-548.	1.1	63
36	Serum luteal phase progesterone in women undergoing frozen embryo transfer in assisted conception: a systematic review and meta-analysis. <i>Fertility and Sterility</i> , 2021, 116, 1534-1556.	0.5	49

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37	ALIFE2 study: low-molecular-weight heparin for women with recurrent miscarriage and inherited thrombophilia - study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 208.	0.7	46
38	PROMISE: first-trimester progesterone therapy in women with a history of unexplained recurrent miscarriages – a randomised, double-blind, placebo-controlled, international multicentre trial and economic evaluation. <i>Health Technology Assessment</i> , 2016, 20, 1-92.	1.3	45
39	Sporadic miscarriage: evidence to provide effective care. <i>Lancet, The</i> , 2021, 397, 1668-1674.	6.3	44
40	Best evidence continuous medical education. <i>Archives of Gynecology and Obstetrics</i> , 2009, 280, 683-687.	0.8	41
41	Tubal evaluation in the investigation of subfertility: A structured comparison of tests. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2004, 111, 1313-1321.	1.1	40
42	Should androgen supplementation be used for poor ovarian response in IVF?. <i>Human Reproduction</i> , 2012, 27, 637-640.	0.4	40
43	Increased risk of obstructive sleep apnoea in women with polycystic ovary syndrome: a population-based cohort study. <i>European Journal of Endocrinology</i> , 2019, 180, 265-272.	1.9	40
44	A systematic review and thematic synthesis of qualitative studies on maternal emergency transport in low- and middle-income countries. <i>International Journal of Gynecology and Obstetrics</i> , 2013, 122, 192-201.	1.0	39
45	Priorities for research in miscarriage: a priority setting partnership between people affected by miscarriage and professionals following the James Lind Alliance methodology. <i>BMJ Open</i> , 2017, 7, e016571.	0.8	39
46	Men and Miscarriage: A Systematic Review and Thematic Synthesis. <i>Qualitative Health Research</i> , 2020, 30, 133-145.	1.0	36
47	Infertility information on the World Wide Web: a cross-sectional survey of quality of infertility information on the internet in the UK. <i>Human Reproduction</i> , 2008, 23, 1520-1525.	0.4	35
48	Overview of systematic reviews of non-pharmacological interventions in women with polycystic ovary syndrome. <i>Human Reproduction Update</i> , 2019, 25, 243-256.	5.2	32
49	Does first trimester progesterone prophylaxis increase the live birth rate in women with unexplained recurrent miscarriages?. <i>BMJ: British Medical Journal</i> , 2011, 342, d1914-d1914.	2.4	30
50	Maternal selection of human embryos in early gestation: Insights from recurrent miscarriage. <i>Seminars in Cell and Developmental Biology</i> , 2022, 131, 14-24.	2.3	30
51	Morphological and morphokinetic associations with aneuploidy: a systematic review and meta-analysis. <i>Human Reproduction Update</i> , 2022, 28, 656-686.	5.2	30
52	Value of ovarian reserve testing before IVF: a clinical decision analysis. <i>Human Reproduction</i> , 2006, 21, 1816-1823.	0.4	29
53	Sporadic pregnancy loss and recurrent miscarriage. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2020, 69, 30-39.	1.4	29
54	Pituitary suppression regimens in poor responders undergoing IVF treatment: a systematic review and meta-analysis. <i>Reproductive BioMedicine Online</i> , 2007, 15, 539-546.	1.1	28

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55	Acupuncture and in vitro fertilization: updated meta-analysis. <i>Human Reproduction</i> , 2009, 24, 2047-2048.	0.4	28
56	Androgen pretreatment in poor responders undergoing controlled ovarian stimulation and in vitro fertilization treatment. <i>Fertility and Sterility</i> , 2011, 95, e73-e74.	0.5	28
57	The Prevalence of Thyroid Dysfunction and Autoimmunity in Women With History of Miscarriage or Subfertility. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 2667-2677.	1.8	27
58	Uterotonic drugs to prevent postpartum haemorrhage: a network meta-analysis. <i>Health Technology Assessment</i> , 2019, 23, 1-356.	1.3	26
59	Bladder ultrasonography for diagnosing detrusor overactivity: test accuracy study and economic evaluation. <i>Health Technology Assessment</i> , 2016, 20, 1-150.	1.3	25
60	Progesterone to prevent miscarriage in women with early pregnancy bleeding: the PRISM RCT. <i>Health Technology Assessment</i> , 2020, 24, 1-70.	1.3	23
61	Motivational interviews to improve contraceptive use in populations at high risk of unintended pregnancy: a systematic review and meta-analysis. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2015, 191, 72-79.	0.5	22
62	Progestogens for preventing miscarriage: a network meta-analysis. <i>The Cochrane Library</i> , 2021, 2021, CD013792.	1.5	22
63	Resource availability for the management of maternal sepsis in Malawi, other low-income countries, and lower-middle-income countries. <i>International Journal of Gynecology and Obstetrics</i> , 2018, 140, 175-183.	1.0	21
64	Hydrosalpinx and pregnancy loss: a systematic review and meta-analysis. <i>Reproductive BioMedicine Online</i> , 2019, 38, 427-441.	1.1	18
65	Study protocol: E-freeze - freezing of embryos in assisted conception: a randomised controlled trial evaluating the clinical and cost effectiveness of a policy of freezing embryos followed by thawed frozen embryo transfer compared with a policy of fresh embryo transfer, in women undergoing in vitro fertilisation. <i>Reproductive Health</i> , 2019, 16, 81.	1.2	17
66	Uterotonic agents for first-line treatment of postpartum haemorrhage: a network meta-analysis. <i>The Cochrane Library</i> , 2020, 2020, CD012754.	1.5	17
67	Risk of foetal harm with letrozole use in fertility treatment: a systematic review and meta-analysis. <i>Human Reproduction Update</i> , 2021, 27, 474-485.	5.2	17
68	A Randomized Trial of Prophylactic Antibiotics for Miscarriage Surgery. <i>New England Journal of Medicine</i> , 2019, 380, 1012-1021.	13.9	16
69	Uterotonic Drugs for the Prevention of Postpartum Haemorrhage: A Cost-Effectiveness Analysis. <i>Pharmacoeconomics - Open</i> , 2019, 3, 163-176.	0.9	15
70	Postpartum haemorrhage and risk of mental ill health: A population-based longitudinal study using linked primary and secondary care databases. <i>Journal of Psychiatric Research</i> , 2021, 137, 419-425.	1.5	15
71	Antral follicle count at down-regulation and prediction of poor ovarian response. <i>Reproductive BioMedicine Online</i> , 2008, 17, 508-514.	1.1	14
72	What is the best method for managing early miscarriage?. <i>BMJ, The</i> , 2020, 368, l6438.	3.0	14

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73	Controlled ovarian stimulation protocols for assisted reproduction: a network meta-analysis. The Cochrane Library, 0, , .	1.5	13
74	The effect of peri-implantation administration of uterine relaxing agents in assisted reproduction treatment cycles: a systematic review and meta-analysis. Reproductive BioMedicine Online, 2016, 32, 362-376.	1.1	11
75	Formative research to design an implementation strategy for a postpartum hemorrhage initial response treatment bundle (E-MOTIVE): study protocol. Reproductive Health, 2021, 18, 149.	1.2	11
76	Miscarriage syndrome: Linking early pregnancy loss to obstetric and age-related disorders. EBioMedicine, 2022, 81, 104134.	2.7	10
77	Carbetocin: Worth the extra expense?. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2019, 61, 55-65.	1.4	9
78	Impact of maternal education on response to lifestyle interventions to reduce gestational weight gain: individual participant data meta-analysis. BMJ Open, 2019, 9, e025620.	0.8	9
79	Sperm selection for assisted reproduction by prior hyaluronan binding: the HABSelect RCT. Efficacy and Mechanism Evaluation, 2019, 6, 1-80.	0.9	9
80	The transcriptomic profile of endometrial receptivity in recurrent miscarriage. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2021, 261, 211-216.	0.5	8
81	Evidence for the effectiveness of immunologic therapies in women with subfertility and/or undergoing assisted reproduction. Fertility and Sterility, 2022, 117, 1144-1159.	0.5	8
82	Antibiotic prophylaxis in the surgical management of miscarriage in low-income countries: a cost-effectiveness analysis of the AIMS trial. The Lancet Global Health, 2019, 7, e1280-e1286.	2.9	7
83	Online Health Seeking Behaviours: What Information Is Sought by Women Experiencing Miscarriage?. Studies in Health Technology and Informatics, 2018, 252, 118-125.	0.2	7
84	A 36-month study of patient complaints at a tertiary fertility centre. Human Fertility, 2014, 17, 45-49.	0.7	6
85	Testing and Treating Women after Unsuccessful Conservative Treatments for Overactive Bladder or Mixed Urinary Incontinence: A Model-Based Economic Evaluation Based on the BUS Study. PLoS ONE, 2016, 11, e0160351.	1.1	6
86	Learning from the experience of maternity healthcare workers in Malawi: a qualitative study leading to ten low-cost recommendations to improve working lives and quality of care. BMC Pregnancy and Childbirth, 2018, 18, 336.	0.9	6
87	Core Outcome Sets in Miscarriage Trials (COSMisT) study: a study protocol. BMJ Open, 2017, 7, e018535.	0.8	5
88	A multi-centre, double-blind, placebo-controlled, randomised trial of combination methotrexate and gefitinib versus methotrexate alone to treat tubal ectopic pregnancies (GEM3): trial protocol. Trials, 2018, 19, 643.	0.7	5
89	Transfer of thawed frozen embryo versus fresh embryo to improve the healthy baby rate in women undergoing IVF: the E-Freeze RCT. Health Technology Assessment, 2022, 26, 1-142.	1.3	5
90	Systematic review and narrative synthesis of the impact of Appreciative Inquiry in healthcare. BMJ Open Quality, 2022, 11, e001911.	0.4	5

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91	Quality of oxytocin and tranexamic acid for the prevention and treatment of postpartum hemorrhage in Kenya, Nigeria, South Africa, and Tanzania. <i>International Journal of Gynecology and Obstetrics</i> , 2022, 158, 46-55.	1.0	5
92	UKEPSS: The UK Early Pregnancy Surveillance Service for uncommon disorders of early pregnancy and acute gynaecology. <i>The Obstetrician and Gynaecologist</i> , 2014, 16, 226-227.	0.2	4
93	An Invitation to Collaborate in the Consortium on Thyroid and Pregnancy. <i>Obstetrics and Gynecology</i> , 2020, 135, 221-221.	1.2	4
94	Re: Effect of progestogen for women with threatened miscarriage: a systematic review and meta-analysis. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2020, 127, 1303-1304.	1.1	4
95	Assessing the impact of a motivational intervention to improve the working lives of maternity healthcare workers: a quantitative and qualitative evaluation of a feasibility study in Malawi. <i>Pilot and Feasibility Studies</i> , 2021, 7, 34.	0.5	4
96	Levothyroxine to increase live births in euthyroid women with thyroid antibodies trying to conceive: the TABLET RCT. <i>Efficacy and Mechanism Evaluation</i> , 2019, 6, 1-72.	0.9	4
97	Polycystic Ovary Syndrome, Combined Oral Contraceptives, and the Risk of Dysglycemia: A Population-Based Cohort Study With a Nested Pharmacoepidemiological Case-Control Study. <i>Diabetes Care</i> , 2021, 44, 2758-2766.	4.3	4
98	Target Product Profile for an endometrial receptivity test: women's perspective. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2020, 253, 42-47.	0.5	3
99	Postpartum haemorrhage and risk of long-term hypertension and cardiovascular disease: an English population-based longitudinal study using linked primary and secondary care databases. <i>BMJ Open</i> , 2021, 11, e041566.	0.8	3
100	Methods for managing miscarriage: a network meta-analysis. <i>The Cochrane Library</i> , 0, , .	1.5	3
101	Progesterone for the prevention of threatened miscarriage. <i>Obstetrics, Gynaecology and Reproductive Medicine</i> , 2022, , .	0.1	3
102	Perceptions and experiences of the prevention, identification and management of postpartum haemorrhage: a qualitative evidence synthesis. <i>The Cochrane Library</i> , 0, , .	1.5	2
103	Men living through multiple miscarriages: protocol for a qualitative exploration of experiences and support requirements. <i>BMJ Open</i> , 2020, 10, e035967.	0.8	2
104	Working lives of maternity healthcare workers in Malawi: an ethnography to identify ways to improve care. <i>AJOG Global Reports</i> , 2022, 2, 100032.	0.4	2
105	Mifepristone and misoprostol versus placebo and misoprostol for resolution of miscarriage in women diagnosed with missed miscarriage: the MifeMiso RCT. <i>Health Technology Assessment</i> , 2021, 25, 1-114.	1.3	2
106	Differences in obstetric practices and outcomes of postpartum hemorrhage across Nigerian health facilities. <i>International Journal of Gynecology and Obstetrics</i> , 2022, 158, 23-30.	1.0	2
107	Registering protocols for systematic reviews with BJOG. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2005, 112, 1588-1588.	1.1	1
108	Patient with Hepatitis B or C. , 2016, , 61-63.		1

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109	Reply: Is the association of replete status in vitamin D with better results in IVF demonstrated?. Human Reproduction, 2018, 33, 1798-1799.	0.4	1
110	An Invitation to Collaborate in the Consortium on Thyroid and Pregnancy. European Thyroid Journal, 2019, 8, 328-329.	1.2	1
111	HRT and cardiovascular disease. The Obstetrician and Gynaecologist, 2005, 7, 211-212.	0.2	0
112	Registering protocols for studies of test accuracy with BJOG. BJOG: an International Journal of Obstetrics and Gynaecology, 2005, 112, 683-683.	1.1	0
113	Patient with Diabetes. , 2016, , 28-29.		0
114	Patient with HIV. , 2016, , 64-66.		0
115	Laparoscopy in a Pediatric Patient. , 2016, , 199-201.		0
116	Uterine Perforation. , 2016, , 186-188.		0
117	Chlamydia antibody titer testing versus hysterosalpingography for detection of tubal pathology in subfertile women. The Cochrane Library, 0, , .	1.5	0
118	Why are women considering ovarian tissue cryopreservation to preserve reproductive and hormonal ovarian function? A qualitative study protocol. BMJ Open, 2022, 12, e051288.	0.8	0