Barbara Luke

List of Publications by Year in Descending Order

94 papers	3,281 citations	32 h-index	54 g-index
94 ext. papers	3,947 ext. citations	2.9 avg, IF	5.42 L-index

#	Paper	IF	Citations
94	Disparities in fertility preservation use among adolescent and young adult women with cancer.. *Journal of Cancer Survivorship*, **2022**, 1	5.1	0
93	The risk of birth defects with conception by ART. *Human Reproduction*, **2021**, 36, 116-129	5.7	15
92	Sixth grade academic achievement among children conceived with IVF: a population-based study in Texas, USA. *Journal of Assisted Reproduction and Genetics*, **2021**, 38, 1481-1492	3.4	0
91	Cohort profile: a national, population-based cohort of children born after assisted conception in the UK (1992-2009): methodology and birthweight analysis. *BMJ Open*, **2021**, 11, e050931	3	0
90	Association between infertility and all-cause mortality: analysis of US claims data. *American Journal of Obstetrics and Gynecology*, **2021**, 225, 57.e1-57.e11	6.4	0
89	Risks of nonchromosomal birth defects, small-for-gestational age birthweight, and prematurity with in vitro fertilization: effect of number of embryos transferred and plurality at conception versus at birth. *Journal of Assisted Reproduction and Genetics*, **2021**, 38, 835-846	3.4	2
88	Third grade academic achievement among children conceived with the use of in□vitro fertilization: a population-based study in Texas. *Fertility and Sterility*, **2020**, 113, 1242-1250.e4	4.8	1
87	Increased risk of severe maternal morbidity among infertile women: analysis of US claims data. *American Journal of Obstetrics and Gynecology*, **2020**, 223, 404.e1-404.e20	6.4	8
86	Association between infertility and mental health of offspring in the United States: a population based cohort study. *Human Fertility*, **2020**, 1-6	1.9	0
85	Assessment of Birth Defects and Cancer Risk in Children Conceived via In Vitro Fertilization in the US. *JAMA Network Open*, **2020**, 3, e2022927	10.4	6
84	Defining critical factors in multi-country studies of assisted reproductive technologies (ART): data from the US and UK health systems. *Journal of Assisted Reproduction and Genetics*, **2020**, 37, 2767-2775	3.4	
83	In□vitro fertilization and risk for hypertensive disorders of pregnancy: associations with treatment parameters. *American Journal of Obstetrics and Gynecology*, **2020**, 222, 350.e1-350.e13	6.4	20
82	Reply. *American Journal of Obstetrics and Gynecology*, **2019**, 221, 81-82	6.4	
81	Association of In Vitro Fertilization With Childhood Cancer in the United States. *JAMA Pediatrics*, **2019**, 173, e190392	8.3	31
80	Male Infertility and Future Cardiometabolic Health: Does the Association Vary by Sociodemographic Factors?. *Urology*, **2019**, 133, 121-128	1.6	9
79	Risk of severe maternal morbidity by maternal fertility status: a US study in 8 states. *American Journal of Obstetrics and Gynecology*, **2019**, 220, 195.e1-195.e12	6.4	18
78	Risk of prematurity and infant morbidity and mortality by maternal fertility status and plurality. *Journal of Assisted Reproduction and Genetics*, **2019**, 36, 121-138	3.4	14

77	Validation of Severe Maternal Morbidity on the US Certificate of Live Birth. *Epidemiology*, **2018**, 29, e31-e32	5.2	13
76	National survey of the Society for Assisted Reproductive Technology membership regarding insurance coverage for assisted reproductive technologies. *Fertility and Sterility*, **2018**, 110, 1081-1088.e1	4.8	6
75	Childbirth after adolescent and young adult cancer: a population-based study. *Journal of Cancer Survivorship*, **2018**, 12, 592-600	5.1	3
74	Pregnancy, birth, and infant outcomes by maternal fertility status: the Massachusetts Outcomes Study of Assisted Reproductive Technology. *American Journal of Obstetrics and Gynecology*, **2017**, 217, 327.e1-327.e14	6.4	50
73	Adverse pregnancy, birth, and infant outcomes in twins: effects of maternal fertility status and infant gender combinations; the Massachusetts Outcomes Study of Assisted Reproductive Technology. *American Journal of Obstetrics and Gynecology*, **2017**, 217, 330.e1-330.e15	6.4	32
72	Assisted Reproductive Technology and Birth Defects: Effects of Subfertility and Multiple Births. *Birth Defects Research*, **2017**, 109, 1144-1153	2.9	33
71	Inpatient hospitalizations in women with and without assisted reproductive technology live birth. *Journal of Assisted Reproduction and Genetics*, **2017**, 34, 1043-1049	3.4	2
70	Adverse effects of female obesity and interaction with race on reproductive potential. *Fertility and Sterility*, **2017**, 107, 868-877	4.8	28
69	Pregnancy and birth outcomes in couples with infertility with and without assisted reproductive technology: with an emphasis on US population-based studies. *American Journal of Obstetrics and Gynecology*, **2017**, 217, 270-281	6.4	97
68	Increased risk of large-for-gestational age birthweight in singleton siblings conceived with in vitro fertilization in frozen versus fresh cycles. *Journal of Assisted Reproduction and Genetics*, **2017**, 34, 191-200	3.4	48
67	Patient and cycle characteristics predicting high pregnancy rates with single-embryo transfer: an analysis of the Society for Assisted Reproductive Technology outcomes between 2004 and 2013. *Fertility and Sterility*, **2017**, 108, 750-756	4.8	26
66	Is the wrong question being asked in infertility research?. *Journal of Assisted Reproduction and Genetics*, **2016**, 33, 3-8	3.4	24
65	Embryo banking among women diagnosed with cancer: a pilot population-based study in New York, Texas, and Illinois. *Journal of Assisted Reproduction and Genetics*, **2016**, 33, 667-674	3.4	2
64	Perinatal outcomes of singleton siblings: the effects of changing maternal fertility status. *Journal of Assisted Reproduction and Genetics*, **2016**, 33, 1203-13	3.4	18
63	Factors associated with the use of elective single-embryo transfer and pregnancy outcomes in the United States, 2004-2012. *Fertility and Sterility*, **2016**, 106, 80-89	4.8	16
62	Accuracy of self-reported survey data on assisted reproductive technology treatment parameters and reproductive history. *American Journal of Obstetrics and Gynecology*, **2016**, 215, 219.e1-6	6.4	9
61	Validation of infertility treatment and assisted reproductive technology use on the birth certificate in eight states. *American Journal of Obstetrics and Gynecology*, **2016**, 215, 126-7	6.4	14
60	Assisted Reproductive Technology and Early Intervention Program Enrollment. *Pediatrics*, **2016**, 137, e20152007	7.4	8

59	Assisted reproductive technology use and outcomes among women with a history of cancer. *Human Reproduction*, **2016**, 31, 183-9	5.7	31
58	Birth Outcomes by Infertility Treatment: Analyses of the Population-Based Cohort: Massachusetts Outcomes Study of Assisted Reproductive Technologies (MOSART). *Journal of reproductive medicine, The*, **2016**, 61, 114-27		17
57	Severe Maternal Morbidity and the Use of Assisted Reproductive Technology in Massachusetts. *Obstetrics and Gynecology*, **2016**, 127, 527-534	4.9	34
56	Validation of birth outcomes from the Society for Assisted Reproductive Technology Clinic Outcome Reporting System (SART CORS): population-based analysis from the Massachusetts Outcome Study of Assisted Reproductive Technology (MOSART). *Fertility and Sterility*, **2016**, 106, 717-722.e2	4.8	22
55	Society for Assisted Reproductive Technology and assisted reproductive technology in the United States: a 2016 update. *Fertility and Sterility*, **2016**, 106, 541-6	4.8	61
54	Adverse pregnancy outcomes after in vitro fertilization: effect of number of embryos transferred and plurality at conception. *Fertility and Sterility*, **2015**, 104, 79-86	4.8	21
53	Application of a validated prediction model for in vitro fertilization: comparison of live birth rates and multiple birth rates with 1 embryo transferred over 2 cycles vs 2 embryos in 1 cycle. *American Journal of Obstetrics and Gynecology*, **2015**, 212, 676.e1-7	6.4	24
52	Adverse pregnancy and birth outcomes associated with underlying diagnosis with and without assisted reproductive technology treatment. *Fertility and Sterility*, **2015**, 103, 1438-45	4.8	80
51	Cancer in women after assisted reproductive technology. *Fertility and Sterility*, **2015**, 104, 1218-26	4.8	32
50	Gonadotropin dose is negatively correlated with live birth rate: analysis of more than 650,000 assisted reproductive technology cycles. *Fertility and Sterility*, **2015**, 104, 1145-52.e1-5	4.8	78
49	Nutrition for Multiples. *Clinical Obstetrics and Gynecology*, **2015**, 58, 585-610	1.7	7
48	Maternal Postpartum Hospitalization Following Assisted Reproductive Technology Births. *Epidemiology*, **2015**, 26, e64-5	3.1	5
47	Use of assisted reproductive technology treatment as reported by mothers in comparison with registry data: the Upstate KIDS Study. *Fertility and Sterility*, **2015**, 103, 1461-8	4.8	14
46	Perinatal outcomes associated with assisted reproductive technology: the Massachusetts Outcomes Study of Assisted Reproductive Technologies (MOSART). *Fertility and Sterility*, **2015**, 103, 888-95	4.8	92
45	Association of number of retrieved oocytes with live birth rate and birth weight: an analysis of 231,815 cycles of in vitro fertilization. *Fertility and Sterility*, **2015**, 103, 931-938.e2	4.8	64
44	Birth Outcomes by Infertility Diagnosis Analyses of the Massachusetts Outcomes Study of Assisted Reproductive Technologies (MOSART). *Journal of reproductive medicine, The*, **2015**, 60, 480-90		18
43	Using the Society for Assisted Reproductive Technology Clinic Outcome System morphological measures to predict live birth after assisted reproductive technology. *Fertility and Sterility*, **2014**, 102, 1338-44	4.8	23
42	A prediction model for live birth and multiple births within the first three cycles of assisted reproductive technology. *Fertility and Sterility*, **2014**, 102, 744-52	4.8	39

41	Factors associated with monozygosity in assisted reproductive technology pregnancies and the risk of recurrence using linked cycles. *Fertility and Sterility*, **2014**, 101, 683-9	4.8	49
40	Identifying women with indicators of subfertility in a statewide population database: operationalizing the missing link in assisted reproductive technology research. *Fertility and Sterility*, **2014**, 101, 463-71	4.8	32
39	The effect of fatherЂs age in fertile, subfertile, and assisted reproductive technology pregnancies: a population based cohort study. *Journal of Assisted Reproduction and Genetics*, **2014**, 31, 1437-44	3.4	14
38	Validating assisted reproductive technology self-report. *Epidemiology*, **2014**, 25, 773-5	3.1	9
37	Calculating length of gestation from the Society for Assisted Reproductive Technology Clinic Outcome Reporting System (SART CORS) database versus vital records may alter reported rates of prematurity. *Fertility and Sterility*, **2014**, 101, 1315-20	4.8	14
36	Live birth rates and birth outcomes by diagnosis using linked cycles from the SART CORS database. *Journal of Assisted Reproduction and Genetics*, **2013**, 30, 1445-50	3.4	37
35	Second try: who returns for additional assisted reproductive technology treatment and the effect of a prior assisted reproductive technology birth. *Fertility and Sterility*, **2013**, 100, 1580-4	4.8	5
34	Cumulative birth rates with linked assisted reproductive technology cycles. *New England Journal of Medicine*, **2012**, 366, 2483-91	59.2	150
33	Cycle 1 as predictor of assisted reproductive technology treatment outcome over multiple cycles: an analysis of linked cycles from the Society for Assisted Reproductive Technology Clinic Outcomes Reporting System online database. *Fertility and Sterility*, **2011**, 95, 600-5	4.8	11
32	Racial and ethnic disparities in assisted reproductive technology pregnancy and live birth rates within body mass index categories. *Fertility and Sterility*, **2011**, 95, 1661-6	4.8	55
31	The effect of increasing obesity on the response to and outcome of assisted reproductive technology: a national study. *Fertility and Sterility*, **2011**, 96, 820-5	4.8	88
30	Female obesity adversely affects assisted reproductive technology (ART) pregnancy and live birth rates. *Human Reproduction*, **2011**, 26, 245-52	5.7	222
29	Racial and ethnic disparities in assisted reproductive technology outcomes in the United States. *Fertility and Sterility*, **2010**, 93, 382-90	4.8	134
28	Practice patterns and outcomes with the use of single embryo transfer in the United States. *Fertility and Sterility*, **2010**, 93, 490-8	4.8	38
27	Calculating cumulative live-birth rates from linked cycles of assisted reproductive technology (ART): data from the Massachusetts SART CORS. *Fertility and Sterility*, **2010**, 94, 1334-1340	4.8	48
26	Factors associated with ovarian hyperstimulation syndrome (OHSS) and its effect on assisted reproductive technology (ART) treatment and outcome. *Fertility and Sterility*, **2010**, 94, 1399-1404	4.8	64
25	Multivariate analysis of factors affecting probability of pregnancy and live birth with in vitro fertilization: an analysis of the Society for Assisted Reproductive Technology Clinic Outcomes Reporting System. *Fertility and Sterility*, **2010**, 94, 1410-1416	4.8	79
24	Effect of embryo transfer number on singleton and twin implantation pregnancy outcomes after assisted reproductive technology. *Journal of reproductive medicine, The*, **2010**, 55, 387-94		17

23	The effect of early fetal losses on singleton assisted-conception pregnancy outcomes. *Fertility and Sterility*, **2009**, 91, 2578-85	4.8	52
22	The effect of early fetal losses on twin assisted-conception pregnancy outcomes. *Fertility and Sterility*, **2009**, 91, 2586-92	4.8	25
21	The sex ratio of singleton offspring in assisted-conception pregnancies. *Fertility and Sterility*, **2009**, 92, 1579-85	4.8	31
20	Contemporary risks of maternal morbidity and adverse outcomes with increasing maternal age and plurality. *Fertility and Sterility*, **2007**, 88, 283-93	4.8	150
19	Twin intrapair crown-rump length discordancy and risk of very preterm birth. *American Journal of Obstetrics and Gynecology*, **2006**, 195, S57	6.4	3
18	The cost of twin pregnancy: maternal and neonatal factors. *American Journal of Obstetrics and Gynecology*, **2005**, 192, 909-15	6.4	26
17	Fetal growth rates and the very preterm delivery of twins. *American Journal of Obstetrics and Gynecology*, **2005**, 193, 1498-507	6.4	12
16	Gender mix in twins and fetal growth, length of gestation and adult cancer risk. *Paediatric and Perinatal Epidemiology*, **2005**, 19 Suppl 1, 41-7	2.7	27
15	Elevated maternal glucose concentrations and placental infection in twin pregnancies. *Journal of reproductive medicine, The*, **2005**, 50, 241-5		2
14	Fetal phenotypes and neonatal and early childhood outcomes in twins. *American Journal of Obstetrics and Gynecology*, **2004**, 191, 1270-6	6.4	8
13	Suboptimal first-trimester growth and very preterm delivery of twins. *American Journal of Obstetrics and Gynecology*, **2004**, 191, S65	6.4	2
12	Risk factors for adverse outcomes in spontaneous versus assisted conception twin pregnancies. *Fertility and Sterility*, **2004**, 81, 315-9	4.8	49
11	Improving multiple pregnancy outcomes with nutritional interventions. *Clinical Obstetrics and Gynecology*, **2004**, 47, 146-62	1.7	18
10	Antenatal factors associated with significant birth weight discordancy in twin gestations. *American Journal of Obstetrics and Gynecology*, **2003**, 189, 813-7	6.4	49
9	Specialized prenatal care and maternal and infant outcomes in twin pregnancy. *American Journal of Obstetrics and Gynecology*, **2003**, 189, 934-8	6.4	64
8	Body mass index--specific weight gains associated with optimal birth weights in twin pregnancies. *Journal of reproductive medicine, The*, **2003**, 48, 217-24		41
7	The association between maternal factors and perinatal outcomes in triplet pregnancies. *American Journal of Obstetrics and Gynecology*, **2002**, 187, 752-7	6.4	44
6	Working conditions and adverse pregnancy outcome: a meta-analysis. *Obstetrics and Gynecology*, **2000**, 95, 623-35	4.9	215

5	Work and pregnancy: the role of fatigue and the "second shift" on antenatal morbidity. *American Journal of Obstetrics and Gynecology*, **1999**, 181, 1172-9	6.4	25
4	The association between occupational factors and preterm birth: a United States nursesTstudy. Research Committee of the Association of WomenTs Health, Obstetric, and Neonatal Nurses. *American Journal of Obstetrics and Gynecology*, **1995**, 173, 849-62	6.4	112
3	Contribution of Gestational Age and Birth Weight to Perinatal Viability in Singletons Versus Twins. *Journal of Maternal-Fetal and Neonatal Medicine*, **1994**, 3, 263-274	2	18
2	The Association Between Maternal Weight Gain and the Birthweight of Twins. *Journal of Maternal-Fetal and Neonatal Medicine*, **1992**, 1, 267-276	2	24
1	Theoretical Model for Reducing Neonatal Morbidity and Mortality and Associated Costs. *Journal of Maternal-Fetal and Neonatal Medicine*, **1992**, 1, 14-19	2	3