

Patrick M Catalano

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

171
papers

15,974
citations

62
h-index

125
g-index

183
ext. papers

18,538
ext. citations

5.6
avg, IF

6.72
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 171 | A multicenter, randomized trial of treatment for mild gestational diabetes. <i>New England Journal of Medicine</i> , 2009 , 361, 1339-48 | 59.2 | 1404 |
| 170 | The hyperglycemia and adverse pregnancy outcome study: associations of GDM and obesity with pregnancy outcomes. <i>Diabetes Care</i> , 2012 , 35, 780-6 | 14.6 | 615 |
| 169 | TNF-alpha is a predictor of insulin resistance in human pregnancy. <i>Diabetes</i> , 2002 , 51, 2207-13 | 0.9 | 543 |
| 168 | Fetuses of obese mothers develop insulin resistance in utero. <i>Diabetes Care</i> , 2009 , 32, 1076-80 | 14.6 | 481 |
| 167 | Trial of calcium to prevent preeclampsia. <i>New England Journal of Medicine</i> , 1997 , 337, 69-76 | 59.2 | 473 |
| 166 | The influence of obesity and diabetes on the prevalence of macrosomia. <i>American Journal of Obstetrics and Gynecology</i> , 2004 , 191, 964-8 | 6.4 | 467 |
| 165 | Longitudinal changes in insulin release and insulin resistance in nonobese pregnant women. <i>American Journal of Obstetrics and Gynecology</i> , 1991 , 165, 1667-72 | 6.4 | 466 |
| 164 | Longitudinal changes in glucose metabolism during pregnancy in obese women with normal glucose tolerance and gestational diabetes mellitus. <i>American Journal of Obstetrics and Gynecology</i> , 1999 , 180, 903-16 | 6.4 | 458 |
| 163 | Metabolic changes in pregnancy. <i>Clinical Obstetrics and Gynecology</i> , 2007 , 50, 938-48 | 1.7 | 418 |
| 162 | Perinatal risk factors for childhood obesity and metabolic dysregulation. <i>American Journal of Clinical Nutrition</i> , 2009 , 90, 1303-13 | 7 | 412 |
| 161 | Obesity and pregnancy: mechanisms of short term and long term adverse consequences for mother and child. <i>BMJ, The</i> , 2017 , 356, j1 | 5.9 | 409 |
| 160 | Increased fetal adiposity: a very sensitive marker of abnormal in utero development. <i>American Journal of Obstetrics and Gynecology</i> , 2003 , 189, 1698-704 | 6.4 | 390 |
| 159 | Managing preexisting diabetes for pregnancy: summary of evidence and consensus recommendations for care. <i>Diabetes Care</i> , 2008 , 31, 1060-79 | 14.6 | 349 |
| 158 | Increased neonatal fat mass, not lean body mass, is associated with maternal obesity. <i>American Journal of Obstetrics and Gynecology</i> , 2006 , 195, 1100-3 | 6.4 | 320 |
| 157 | New guidelines for weight gain during pregnancy: what obstetrician/gynecologists should know. <i>Current Opinion in Obstetrics and Gynecology</i> , 2009 , 21, 521-6 | 2.4 | 310 |
| 156 | Pregnancy outcomes in healthy nulliparas who developed hypertension. Calcium for Preeclampsia Prevention Study Group. <i>Obstetrics and Gynecology</i> , 2000 , 95, 24-8 | 4.9 | 309 |
| 155 | Gestational diabetes mellitus. <i>Nature Reviews Disease Primers</i> , 2019 , 5, 47 | 51.1 | 308 |

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| 154 | Gestational diabetes and insulin resistance: role in short- and long-term implications for mother and fetus. <i>Journal of Nutrition</i> , 2003 , 133, 1674S-1683S | 4.1 | 295 |
| 153 | Obesity, insulin resistance, and pregnancy outcome. <i>Reproduction</i> , 2010 , 140, 365-71 | 3.8 | 275 |
| 152 | Gestational diabetes induces placental genes for chronic stress and inflammatory pathways. <i>Diabetes</i> , 2003 , 52, 2951-8 | 0.9 | 274 |
| 151 | Obesity and pregnancy--the propagation of a viscous cycle?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 3505-6 | 5.6 | 259 |
| 150 | Is it time to revisit the Pedersen hypothesis in the face of the obesity epidemic?. <i>American Journal of Obstetrics and Gynecology</i> , 2011 , 204, 479-87 | 6.4 | 235 |
| 149 | Management of obesity in pregnancy. <i>Obstetrics and Gynecology</i> , 2007 , 109, 419-33 | 4.9 | 233 |
| 148 | Longitudinal changes in maternal serum leptin concentrations, body composition, and resting metabolic rate in pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 1998 , 178, 1010-5 | 6.4 | 211 |
| 147 | Association of Gestational Diabetes With Maternal Disorders of Glucose Metabolism and Childhood Adiposity. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 1005-1016 | 27.4 | 208 |
| 146 | The known and unknown of leptin in pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2006 , 194, 1537-45 | 6.4 | 201 |
| 145 | The influence of obesity and diabetes on the risk of cesarean delivery. <i>American Journal of Obstetrics and Gynecology</i> , 2004 , 191, 969-74 | 6.4 | 184 |
| 144 | Hyperglycemia and Adverse Pregnancy Outcome Follow-up Study (HAPO FUS): Maternal Gestational Diabetes Mellitus and Childhood Glucose Metabolism. <i>Diabetes Care</i> , 2019 , 42, 372-380 | 14.6 | 169 |
| 143 | The relationship between abnormal glucose tolerance and hypertensive disorders of pregnancy in healthy nulliparous women. Calcium for Preeclampsia Prevention (CPEP) Study Group. <i>American Journal of Obstetrics and Gynecology</i> , 1998 , 179, 1032-7 | 6.4 | 165 |
| 142 | Anthropometric estimation of neonatal body composition. <i>American Journal of Obstetrics and Gynecology</i> , 1995 , 173, 1176-81 | 6.4 | 150 |
| 141 | Recommendations for weight gain during pregnancy in the context of the obesity epidemic. <i>Obstetrics and Gynecology</i> , 2010 , 116, 1191-5 | 4.9 | 145 |
| 140 | Longitudinal changes in basal hepatic glucose production and suppression during insulin infusion in normal pregnant women. <i>American Journal of Obstetrics and Gynecology</i> , 1992 , 167, 913-9 | 6.4 | 132 |
| 139 | Maternal carbohydrate metabolism and its relationship to fetal growth and body composition. <i>American Journal of Obstetrics and Gynecology</i> , 1995 , 172, 1464-70 | 6.4 | 129 |
| 138 | Elevated homocyst(e)ine levels with preeclampsia. <i>Obstetrics and Gynecology</i> , 1997 , 90, 168-71 | 4.9 | 124 |
| 137 | Accuracy of self-reported cigarette smoking among pregnant women in the 1990s. <i>Paediatric and Perinatal Epidemiology</i> , 2001 , 15, 140-3 | 2.7 | 122 |

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|-----|---|------|-----|
| 136 | Longitudinal changes in body composition and energy balance in lean women with normal and abnormal glucose tolerance during pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 1998 , 179, 156-65 | 6.4 | 120 |
| 135 | Incidence and risk factors associated with abnormal postpartum glucose tolerance in women with gestational diabetes. <i>American Journal of Obstetrics and Gynecology</i> , 1991 , 165, 914-9 | 6.4 | 120 |
| 134 | Prostacyclin and thromboxane changes predating clinical onset of preeclampsia: a multicenter prospective study. <i>JAMA - Journal of the American Medical Association</i> , 1999 , 282, 356-62 | 27.4 | 116 |
| 133 | Differential growth of fetal tissues during the second half of pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 1997 , 176, 28-32 | 6.4 | 113 |
| 132 | Inadequate weight gain in overweight and obese pregnant women: what is the effect on fetal growth?. <i>American Journal of Obstetrics and Gynecology</i> , 2014 , 211, 137.e1-7 | 6.4 | 112 |
| 131 | Factors affecting fetal growth and body composition. <i>American Journal of Obstetrics and Gynecology</i> , 1995 , 172, 1459-63 | 6.4 | 108 |
| 130 | The relationship between maternal glycemia and perinatal outcome. <i>Obstetrics and Gynecology</i> , 2011 , 117, 218-224 | 4.9 | 104 |
| 129 | The influence of obesity and gestational diabetes mellitus on accretion and the distribution of adipose tissue in pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2003 , 189, 944-8 | 6.4 | 98 |
| 128 | Issues With the Diagnosis and Classification of Hyperglycemia in Early Pregnancy. <i>Diabetes Care</i> , 2016 , 39, 53-4 | 14.6 | 91 |
| 127 | Hyperglycemia and Adverse Pregnancy Outcome Follow-up Study (HAPO FUS): Maternal Glycemia and Childhood Glucose Metabolism. <i>Diabetes Care</i> , 2019 , 42, 381-392 | 14.6 | 87 |
| 126 | Maternal weight gain in women who develop gestational diabetes mellitus. <i>Obstetrics and Gynecology</i> , 2012 , 119, 560-5 | 4.9 | 84 |
| 125 | Dietary Omega-3 Fatty Acid Supplementation Reduces Inflammation in Obese Pregnant Women: A Randomized Double-Blind Controlled Clinical Trial. <i>PLoS ONE</i> , 2015 , 10, e0137309 | 3.7 | 81 |
| 124 | Maternal glucose levels during pregnancy and childhood adiposity in the Hyperglycemia and Adverse Pregnancy Outcome Follow-up Study. <i>Diabetologia</i> , 2019 , 62, 598-610 | 10.3 | 77 |
| 123 | Effect of Maternal Obesity on Placental Lipid Metabolism. <i>Endocrinology</i> , 2017 , 158, 2543-2555 | 4.8 | 73 |
| 122 | Longitudinal changes in energy expenditure and body composition in obese women with normal and impaired glucose tolerance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004 , 287, E472-9 | 6 | 69 |
| 121 | Smoking before pregnancy and risk of gestational hypertension and preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2002 , 186, 1035-40 | 6.4 | 68 |
| 120 | Subclinical abnormalities of glucose metabolism in subjects with previous gestational diabetes. <i>American Journal of Obstetrics and Gynecology</i> , 1986 , 155, 1255-62 | 6.4 | 68 |
| 119 | Clinical management of pregnancy in the obese mother: before conception, during pregnancy, and post partum. <i>Lancet Diabetes and Endocrinology</i> , 2016 , 4, 1037-1049 | 18.1 | 66 |

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|-----|---|------|----|
| 118 | Perinatal outcomes associated with the diagnosis of gestational diabetes made by the international association of the diabetes and pregnancy study groups criteria. <i>Obstetrics and Gynecology</i> , 2014 , 124, 571-578 | 4.9 | 66 |
| 117 | Reversal of insulin resistance postpartum is linked to enhanced skeletal muscle insulin signaling. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 4678-84 | 5.6 | 66 |
| 116 | Maternal factors that determine neonatal size and body fat. <i>Current Diabetes Reports</i> , 2001 , 1, 71-7 | 5.6 | 66 |
| 115 | Trial of Calcium for Preeclampsia Prevention (CPEP): rationale, design, and methods. <i>Contemporary Clinical Trials</i> , 1996 , 17, 442-69 | | 66 |
| 114 | Increased skeletal muscle tumor necrosis factor-alpha and impaired insulin signaling persist in obese women with gestational diabetes mellitus 1 year postpartum. <i>Diabetes</i> , 2008 , 57, 606-13 | 0.9 | 65 |
| 113 | Maternal interleukin-6: marker of fetal growth and adiposity. <i>Journal of the Society for Gynecologic Investigation</i> , 2006 , 13, 53-7 | | 65 |
| 112 | Maternal and Neonatal Morbidity for Women Who Would Be Added to the Diagnosis of GDM Using IADPSG Criteria: A Secondary Analysis of the Hyperglycemia and Adverse Pregnancy Outcome Study. <i>Diabetes Care</i> , 2016 , 39, 2204-2210 | 14.6 | 63 |
| 111 | Evaluation of body composition of large-for-gestational-age infants of women with gestational diabetes mellitus compared with women with normal glucose tolerance levels. <i>American Journal of Obstetrics and Gynecology</i> , 2004 , 191, 804-8 | 6.4 | 63 |
| 110 | Hormonal and metabolic factors associated with variations in insulin sensitivity in human pregnancy. <i>Diabetes Care</i> , 2010 , 33, 356-60 | 14.6 | 62 |
| 109 | Reproducibility of the oral glucose tolerance test in pregnant women. <i>American Journal of Obstetrics and Gynecology</i> , 1993 , 169, 874-81 | 6.4 | 61 |
| 108 | Births to teenagers: trends and obstetric outcomes. <i>Obstetrics and Gynecology</i> , 1996 , 87, 668-74 | 4.9 | 58 |
| 107 | The effect of smoking tobacco on neonatal body composition. <i>American Journal of Obstetrics and Gynecology</i> , 1997 , 177, 1124-8 | 6.4 | 56 |
| 106 | Activation of phospholipase A2 is associated with generation of placental lipid signals and fetal obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 248-55 | 5.6 | 54 |
| 105 | Estimation of Total Usual Dietary Intakes of Pregnant Women in the United States. <i>JAMA Network Open</i> , 2019 , 2, e195967 | 10.4 | 53 |
| 104 | Identification of early transcriptome signatures in placenta exposed to insulin and obesity. <i>American Journal of Obstetrics and Gynecology</i> , 2015 , 212, 647.e1-11 | 6.4 | 53 |
| 103 | Increasing maternal obesity and weight gain during pregnancy: the obstetric problems of plentitude. <i>Obstetrics and Gynecology</i> , 2007 , 110, 743-4 | 4.9 | 53 |
| 102 | Nutrient intake and hypertensive disorders of pregnancy: Evidence from a large prospective cohort. <i>American Journal of Obstetrics and Gynecology</i> , 2001 , 184, 643-51 | 6.4 | 53 |
| 101 | A multifactorial relationship exists between total circulating cell-free DNA levels and maternal BMI. <i>Prenatal Diagnosis</i> , 2012 , 32, 912-4 | 3.2 | 50 |

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|-----|---|------|----|
| 100 | Obesity-induced down-regulation of the mitochondrial translocator protein (TSPO) impairs placental steroid production. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E11-8 | 5.6 | 49 |
| 99 | Glucose tolerance and risk of gestational diabetes mellitus in nulliparous women who smoke during pregnancy. <i>American Journal of Epidemiology</i> , 2004 , 160, 1205-13 | 3.8 | 47 |
| 98 | The diagnosis of gestational diabetes mellitus: new paradigms or status quo?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012 , 25, 2564-9 | 2 | 46 |
| 97 | The effect of gender and gestational diabetes mellitus on cord leptin concentration. <i>American Journal of Obstetrics and Gynecology</i> , 2002 , 187, 798-803 | 6.4 | 43 |
| 96 | Research Gaps in Gestational Diabetes Mellitus: Executive Summary of a National Institute of Diabetes and Digestive and Kidney Diseases Workshop. <i>Obstetrics and Gynecology</i> , 2018 , 132, 496-505 | 4.9 | 43 |
| 95 | Patterns of adiponectin expression in term pregnancy: impact of obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 3427-34 | 5.6 | 42 |
| 94 | Neonatal body composition according to the revised institute of medicine recommendations for maternal weight gain. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 3648-54 | 5.6 | 40 |
| 93 | Saturated fatty acids enhance TLR4 immune pathways in human trophoblasts. <i>Human Reproduction</i> , 2015 , 30, 2152-9 | 5.7 | 39 |
| 92 | Severe obesity: the neglected epidemic. <i>Obesity Facts</i> , 2012 , 5, 254-69 | 5.1 | 39 |
| 91 | What proportion of birth weight is attributable to maternal glucose among infants of diabetic women?. <i>American Journal of Obstetrics and Gynecology</i> , 2006 , 194, 501-7 | 6.4 | 38 |
| 90 | Longitudinal changes in the relationship between body mass index and percent body fat in pregnancy. <i>Obstetrics and Gynecology</i> , 1997 , 89, 377-82 | 4.9 | 37 |
| 89 | Maternal fat, but not lean, mass is increased among overweight/obese women with excess gestational weight gain. <i>American Journal of Obstetrics and Gynecology</i> , 2016 , 214, 745.e1-5 | 6.4 | 37 |
| 88 | Effect of ß supplementation on placental lipid metabolism in overweight and obese women. <i>American Journal of Clinical Nutrition</i> , 2016 , 103, 1064-72 | 7 | 36 |
| 87 | Fetal growth and body composition in infants of women with diabetes mellitus during pregnancy. <i>The Journal of Maternal-fetal Medicine</i> , 1996 , 5, 273-80 | | 33 |
| 86 | Placental growth response to maternal insulin in early pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 159-65 | 5.6 | 32 |
| 85 | Longitudinal relationship of physical activity with insulin sensitivity in overweight and obese pregnant women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 2929-35 | 5.6 | 31 |
| 84 | Effect of 17alpha-hydroxyprogesterone caproate on glucose intolerance in pregnancy. <i>Obstetrics and Gynecology</i> , 2009 , 114, 45-49 | 4.9 | 31 |
| 83 | Phenotype of infants of mothers with gestational diabetes. <i>Diabetes Care</i> , 2007 , 30 Suppl 2, S156-60 | 14.6 | 30 |

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|----|---|------|----|
| 82 | Ultrasonographic estimation of fetal body composition for children of diabetic mothers. <i>Investigative Radiology</i> , 1991 , 26, 722-6 | 10.1 | 29 |
| 81 | Body mass index: a true indicator of body fat in obese gravidas. <i>Journal of reproductive medicine, The</i> , 2007 , 52, 907-11 | | 29 |
| 80 | Testing for gestational diabetes during the COVID-19 pandemic. An evaluation of proposed protocols for the United Kingdom, Canada and Australia. <i>Diabetes Research and Clinical Practice</i> , 2020 , 167, 108353 | 7.4 | 28 |
| 79 | Glycemic characteristics and neonatal outcomes of women treated for mild gestational diabetes. <i>Obstetrics and Gynecology</i> , 2011 , 117, 819-827 | 4.9 | 27 |
| 78 | Women's reported weight: is there a discrepancy?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012 , 25, 1395-8 | 2 | 27 |
| 77 | Carbohydrate metabolism and gestational diabetes. <i>Clinical Obstetrics and Gynecology</i> , 1994 , 37, 25-38 | 1.7 | 26 |
| 76 | Carpenter-Coustan Compared With National Diabetes Data Group Criteria for Diagnosing Gestational Diabetes. <i>Obstetrics and Gynecology</i> , 2016 , 127, 893-898 | 4.9 | 26 |
| 75 | Augmented insulin secretory response in early pregnancy. <i>Diabetologia</i> , 2019 , 62, 1445-1452 | 10.3 | 23 |
| 74 | Causal relationship between obesity-related traits and TLR4-driven responses at the maternal-fetal interface. <i>Diabetologia</i> , 2016 , 59, 2459-2466 | 10.3 | 23 |
| 73 | Quality of growth in exclusively breast-fed infants in the first six months of life: an Italian study. <i>Pediatric Research</i> , 2010 , 68, 542-4 | 3.2 | 23 |
| 72 | New charts for the assessment of body composition, according to air-displacement plethysmography, at birth and across the first 6 mo of life. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 1353-1360 | 7 | 22 |
| 71 | A telehealth lifestyle intervention to reduce excess gestational weight gain in pregnant women with overweight or obesity (GLOW): a randomised, parallel-group, controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2020 , 8, 490-500 | 18.1 | 22 |
| 70 | Anthropometric estimation of maternal body composition in late gestation. <i>Obstetrics and Gynecology</i> , 2000 , 96, 33-7 | 4.9 | 21 |
| 69 | Sex-specific effects of maternal anthropometrics on body composition at birth. <i>American Journal of Obstetrics and Gynecology</i> , 2014 , 211, 292.e1-9 | 6.4 | 20 |
| 68 | Neonatal anthropometric measurements to predict birth weight by ultrasound. <i>Journal of Perinatology</i> , 2002 , 22, 397-402 | 3.1 | 20 |
| 67 | Twenty-four-hour urine insulin as a measure of hyperinsulinaemia/insulin resistance before onset of pre-eclampsia and gestational hypertension. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2005 , 112, 1479-85 | 3.7 | 20 |
| 66 | Incidence of genital herpes simplex virus at the time of delivery in women with known risk factors. <i>American Journal of Obstetrics and Gynecology</i> , 1991 , 164, 1303-6 | 6.4 | 20 |
| 65 | Birth weight and body composition of neonates born to Caucasian compared with African-American mothers. <i>Obstetrics and Gynecology</i> , 2010 , 115, 998-1002 | 4.9 | 19 |

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| 64 | Relationship Between Excessive Gestational Weight Gain and Neonatal Adiposity in Women With Mild Gestational Diabetes Mellitus. <i>Obstetrics and Gynecology</i> , 2016 , 128, 1325-1332 | 4.9 | 19 |
| 63 | Relationship between 1-hour glucose challenge test results and perinatal outcomes. <i>Obstetrics and Gynecology</i> , 2013 , 121, 1241-1247 | 4.9 | 18 |
| 62 | Factors that affect maternal insulin resistance and modify fetal growth and body composition. <i>Metabolic Syndrome and Related Disorders</i> , 2006 , 4, 91-100 | 2.6 | 18 |
| 61 | Clinical utility and approaches for estimating insulin sensitivity in pregnancy. <i>Seminars in Perinatology</i> , 2002 , 26, 181-9 | 3.3 | 18 |
| 60 | The effect of oral terbutaline on maternal glucose metabolism and energy expenditure in pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 1998 , 178, 1041-7 | 6.4 | 17 |
| 59 | Comparison of 2- and 3-Dimensional Sonography for Estimation of Birth Weight and Neonatal Adiposity in the Setting of Suspected Fetal Macrosomia. <i>Journal of Ultrasound in Medicine</i> , 2016 , 35, 1123-9 | 3.8 | 17 |
| 58 | Timing of indicated late preterm and early-term birth in chronic medical complications: diabetes. <i>Seminars in Perinatology</i> , 2011 , 35, 297-301 | 3.3 | 15 |
| 57 | Vanadate enhances but does not normalize glucose transport and insulin receptor phosphorylation in skeletal muscle from obese women with gestational diabetes mellitus. <i>American Journal of Obstetrics and Gynecology</i> , 2000 , 183, 1263-70 | 6.4 | 15 |
| 56 | Fat mass estimation in neonates: anthropometric models compared with air displacement plethysmography. <i>British Journal of Nutrition</i> , 2019 , 121, 285-290 | 3.6 | 15 |
| 55 | Maternal body mass index, excess gestational weight gain, and diabetes are positively associated with neonatal adiposity in the Pregnancy and Neonatal Diabetes Outcomes in Remote Australia (PANDORA) study. <i>Pediatric Obesity</i> , 2019 , 14, e12490 | 4.6 | 15 |
| 54 | Effect of prenatal care on obstetrical outcome. <i>The Journal of Maternal-fetal Medicine</i> , 1996 , 5, 142-50 | | 15 |
| 53 | Interplay of Placental DNA Methylation and Maternal Insulin Sensitivity in Pregnancy. <i>Diabetes</i> , 2020 , 69, 484-492 | 0.9 | 14 |
| 52 | Are the metabolic changes of pregnancy reversible in the first year postpartum?. <i>Diabetologia</i> , 2015 , 58, 1561-8 | 10.3 | 14 |
| 51 | The infant of the woman with gestational diabetes mellitus. <i>Clinical Obstetrics and Gynecology</i> , 2000 , 43, 127-39 | 1.7 | 14 |
| 50 | Human placental GLUT1 glucose transporter expression and the fetal insulin-like growth factor axis in pregnancies complicated by diabetes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019 , 1865, 2411-2419 | 6.9 | 13 |
| 49 | Regional distribution of cerebral blood flow in experimental intrauterine growth retardation. <i>American Journal of Obstetrics and Gynecology</i> , 1984 , 150, 843-6 | 6.4 | 13 |
| 48 | Increased risk of preeclampsia among nulliparous pregnant women with idiopathic hematuria. <i>American Journal of Obstetrics and Gynecology</i> , 2002 , 187, 703-8 | 6.4 | 12 |
| 47 | Energy requirements in pregnancy: a review. <i>Obstetrical and Gynecological Survey</i> , 1992 , 47, 368-72 | 2.4 | 12 |

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|----|---|------|----|
| 46 | The Joint Associations of Maternal BMI and Glycemia with Childhood Adiposity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105, | 5.6 | 12 |
| 45 | Customized versus population approach for evaluation of fetal overgrowth. <i>American Journal of Perinatology</i> , 2013 , 30, 565-72 | 3.3 | 11 |
| 44 | Longitudinal changes in glucose metabolism in women with gestational diabetes, from late pregnancy to the postpartum period. <i>Diabetologia</i> , 2020 , 63, 385-394 | 10.3 | 11 |
| 43 | Perinatal Outcomes of Two Screening Strategies for Gestational Diabetes Mellitus: A Randomized Controlled Trial. <i>Obstetrics and Gynecology</i> , 2021 , 138, 6-15 | 4.9 | 11 |
| 42 | Newborn Adiposity and Cord Blood C-Peptide as Mediators of the Maternal Metabolic Environment and Childhood Adiposity. <i>Diabetes Care</i> , 2021 , 44, 1194-1202 | 14.6 | 11 |
| 41 | Perinatal outcomes in Hispanic and non-Hispanic white women with mild gestational diabetes. <i>Obstetrics and Gynecology</i> , 2012 , 120, 1099-104 | 4.9 | 10 |
| 40 | Should women with gestational diabetes be screened at delivery hospitalization for type 2 diabetes?. <i>American Journal of Obstetrics and Gynecology</i> , 2020 , 222, 73.e1-73.e11 | 6.4 | 10 |
| 39 | Adiponectin: are measurements clinically useful in pregnancy?. <i>Diabetes Care</i> , 2013 , 36, 1434-6 | 14.6 | 9 |
| 38 | Trends in an obstetric patient population: an eighteen-year study. <i>American Journal of Obstetrics and Gynecology</i> , 1994 , 171, 1014-21 | 6.4 | 9 |
| 37 | The Importance of Nutrition in Pregnancy and Lactation: Lifelong Consequences.. <i>American Journal of Obstetrics and Gynecology</i> , 2021 , | 6.4 | 9 |
| 36 | Cervical change and uterine activity as predictors of preterm delivery. <i>American Journal of Perinatology</i> , 1989 , 6, 185-90 | 3.3 | 8 |
| 35 | Do variations in insulin sensitivity and insulin secretion in pregnancy predict differences in obstetric and neonatal outcomes?. <i>Diabetologia</i> , 2021 , 64, 304-312 | 10.3 | 8 |
| 34 | Comparison of Birth Outcomes by Gestational Diabetes Screening Criteria. <i>AJP Reports</i> , 2018 , 8, e280-e288 | | 8 |
| 33 | Maternal BMI, Peripheral Deiodinase Activity, and Plasma Glucose: Relationships Between White Women in the HAPO Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 2593-2600 | 5.6 | 7 |
| 32 | The obstetric and neonatal implications of a low value on the 50-g glucose screening test. <i>American Journal of Perinatology</i> , 2013 , 30, 715-22 | 3.3 | 7 |
| 31 | Factors associated with fetal growth and body composition as measured by ultrasound. <i>American Journal of Obstetrics and Gynecology</i> , 2001 , 185, 1416-20 | 6.4 | 7 |
| 30 | Cessation of premature labor following removal of distal ureteral calculus. <i>American Journal of Obstetrics and Gynecology</i> , 1982 , 143, 846-8 | 6.4 | 5 |
| 29 | Is There a Threshold Oral Glucose Tolerance Test Value for Predicting Adverse Pregnancy Outcome?. <i>American Journal of Perinatology</i> , 2015 , 32, 833-8 | 3.3 | 4 |

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|----|---|------|---|
| 28 | Pregnancy in a spinal cord-injured bilateral total leg amputee: management and considerations. <i>American Journal of Obstetrics and Gynecology</i> , 2003 , 188, 1096-9 | 6.4 | 4 |
| 27 | Contribution of Gestational Weight Gain on Maternal Glucose Metabolism in Women with GDM and Normal Glucose Tolerance. <i>Journal of the Endocrine Society</i> , 2021 , 5, bvaa195 | 0.4 | 4 |
| 26 | Hyperglycemia and Adverse Pregnancy Outcome Follow-Up Study: newborn anthropometrics and childhood glucose metabolism. <i>Diabetologia</i> , 2021 , 64, 561-570 | 10.3 | 4 |
| 25 | Longitudinal Assessment of Relationships Between Health Behaviors and IL-6 in Overweight and Obese Pregnancy. <i>Biological Research for Nursing</i> , 2021 , 23, 481-487 | 2.6 | 4 |
| 24 | Effect of Omega-3 Supplementation in Pregnant Women with Obesity on Newborn Body Composition, Growth and Length of Gestation: A Randomized Controlled Pilot Study. <i>Nutrients</i> , 2021 , 13, | 6.7 | 4 |
| 23 | A retrospective cohort study of factors relating to the longitudinal change in birth weight. <i>BMC Pregnancy and Childbirth</i> , 2015 , 15, 344 | 3.2 | 3 |
| 22 | Pregnancy and weaning regulate human maternal liver size and function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118, | 11.5 | 3 |
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