Katherine Grantz

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7313020/publications.pdf

Version: 2024-02-01

133	4,240	94381	138417
papers	citations	37 h-index	58 g-index

137	137	137	5446
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Asthma Medication Regimens in Pregnancy: Longitudinal Changes in Asthma Status. American Journal of Perinatology, 2023, 40, 172-180.	0.6	2
2	Gestational age at term delivery and childrenâ€™s neurocognitive development. International Journal of Epidemiology, 2022, 50, 1814-1823.	0.9	13
3	Long-Term Mortality in Women With Pregnancy Loss and Modification by Race/Ethnicity. American Journal of Epidemiology, 2022, 191, 787-799.	1.6	3
4	Fetal Growth Biometry as Predictors of Shoulder Dystocia in a Low-Risk Obstetrical Population. American Journal of Perinatology, 2022, 0, .	0.6	0
5	Unified standard for fetal growth: the Eunice Kennedy Shriver National Institute of Child Health and Human Development Fetal Growth Studies. American Journal of Obstetrics and Gynecology, 2022, 226, 576-587.e2.	0.7	13
6	Estimation of multiple ordered ROC curves using placement values. Statistical Methods in Medical Research, 2022, , 096228022210949.	0.7	0
7	Timing of Delivery for Twins With Growth Discordance and Growth Restriction. Obstetrics and Gynecology, 2022, 139, 1155-1167.	1.2	4
8	Recreational physical activity before and during pregnancy and placental DNA methylationâ€”an epigenome-wide association study. American Journal of Clinical Nutrition, 2022, 116, 1168-1183.	2.2	7
9	Gestational Age at Birth and Risk of Developmental Delay: The Upstate KIDS Study. American Journal of Perinatology, 2021, 38, 1088-1095.	0.6	18
10	Vegetarian diets during pregnancy, and maternal and neonatal outcomes. International Journal of Epidemiology, 2021, 50, 165-178.	0.9	15
11	Maternal morbidity by attempted route of delivery in periviable birth. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 1241-1248.	0.7	3
12	Admixture mapping identifies African and Amerindigenous local ancestry loci associated with fetal growth. Human Genetics, 2021, 140, 985-997.	1.8	5
13	Prenatal medication use in a prospective pregnancy cohort by pre-pregnancy obesity status. Journal of Maternal-Fetal and Neonatal Medicine, 2021, , 1-8.	0.7	3
14	Maternal diet patterns during early pregnancy in relation to neonatal outcomes. American Journal of Clinical Nutrition, 2021, 114, 358-367.	2.2	18
15	Association Between Maternal Caffeine Consumption and Metabolism and Neonatal Anthropometry. JAMA Network Open, 2021, 4, e213238.	2.8	21
16	Combination of Fundal Height and Ultrasound to Predict Small for Gestational Age at Birth. American Journal of Perinatology, 2021, , .	0.6	0
17	Changes in Diet and Exercise in Pregnant Women after Diagnosis with Gestational Diabetes: Findings from a Longitudinal Prospective Cohort Study. Journal of the Academy of Nutrition and Dietetics, 2021, 121, 2419-2428.e4.	0.4	15
18	Air pollution exposure and risk of adverse obstetric and neonatal outcomes among women with type 1 diabetes. Environmental Research, 2021, 197, 111152.	3.7	10

#	Article	IF	Citations
19	Fetal Growth Curves. Obstetrics and Gynecology Clinics of North America, 2021, 48, 281-296.	0.7	9
20	Healthy dietary patterns and common pregnancy complications: a prospective and longitudinal study. American Journal of Clinical Nutrition, 2021, 114, 1229-1237.	2.2	33
21	Maternal Moderate-to-Vigorous Physical Activity before and during Pregnancy and Maternal Glucose Tolerance: Does Timing Matter?. Medicine and Science in Sports and Exercise, 2021, 53, 2520-2527.	0.2	8
22	Longitudinal Plasma Metabolomics Profile in Pregnancyâ€"A Study in an Ethnically Diverse U.S. Pregnancy Cohort. Nutrients, 2021, 13, 3080.	1.7	17
23	Acute ambient air pollution exposure and placental Doppler results in the NICHD fetal growth studies â€“ Singleton cohort. Environmental Research, 2021, 202, 111728.	3.7	4
24	Developmental outcomes in small-for-gestational age twins using a singleton vs twin birthweight reference. American Journal of Obstetrics & Gynecology MFM, 2021, 3, 100465.	1.3	6
25	Nutrition during Pregnancy: Findings from the National Institute of Child Health and Human Development (NICHD) Fetal Growth Studiesâ€"Singleton Cohort. Current Developments in Nutrition, 2021, 5, nzaa182.	0.1	14
26	Placental Gene Co-expression Network for Maternal Plasma Lipids Revealed Enrichment of Inflammatory Response Pathways. Frontiers in Genetics, 2021, 12, 681095.	1.1	1
27	Reconsidering upstream approaches to improving population health. Lancet, The, 2021, 398, 1855-1856.	6.3	1
28	Assessment of Caffeine Consumption and Maternal Cardiometabolic Pregnancy Complications. JAMA Network Open, 2021, 4, e2133401.	2.8	8
29	Association between early gestation passive smoke exposure and neonatal size among self-reported non-smoking women by race/ethnicity: A cohort study. PLoS ONE, 2021, 16, e0256676.	1.1	2
30	Risk of Adverse Maternal Outcomes in Pregnant Women With Disabilities. JAMA Network Open, 2021, 4, e2138414.	2.8	21
31	Maternal Serum Lipid Trajectories and Association with Pregnancy Loss and Length of Gestation. American Journal of Perinatology, 2020, 37, 914-923.	0.6	5
32	Intrauterine growth discordance across gestation and birthweight discordance in dichorionic twins. American Journal of Obstetrics and Gynecology, 2020, 222, 174.e1-174.e10.	0.7	7
33	Association of Maternal Exposure to Persistent Organic Pollutants in Early Pregnancy With Fetal Growth. JAMA Pediatrics, 2020, 174, 149.	3.3	70
34	Ethnic Enclaves and Pregnancy and Behavior Outcomes Among Asian/Pacific Islanders in the USA. Journal of Racial and Ethnic Health Disparities, 2020, 7, 224-233.	1.8	12
35	Vital Status Ascertainment for a Historic Diverse Cohort of U.S. Women. Epidemiology, 2020, 31, 310-316.	1.2	10
36	Racial/Ethnic Differences in Prenatal Supplement and Medication Use in Low-Risk Pregnant Women. American Journal of Perinatology, 2020, , .	0.6	1

#	Article	IF	Citations
37	Early pregnancy dyslipidemia is associated with placental DNA methylation at loci relevant for cardiometabolic diseases. Epigenomics, 2020, 12, 921-934.	1.0	12
38	Maternal Socioeconomic Factors and Racial/Ethnic Differences in Neonatal Anthropometry. International Journal of Environmental Research and Public Health, 2020, 17, 7323.	1.2	4
39	Trans-ethnic meta-analysis of genome-wide association studies identifies maternal ITPR1 as a novel locus influencing fetal growth during sensitive periods in pregnancy. PLoS Genetics, 2020, 16, e1008747.	1.5	13
40	Adverse maternal and neonatal outcomes among women with preeclampsia with severe features <34Âweeks gestation with versus without comorbidity. Pregnancy Hypertension, 2020, 20, 75-82.	0.6	20
41	Glycaemic status during pregnancy and longitudinal measures of fetal growth in a multi-racial US population: a prospective cohort study. Lancet Diabetes and Endocrinology,the, 2020, 8, 292-300.	5.5	62
42	Differential DNA Methylation in Placenta Associated With Maternal Blood Pressure During Pregnancy. Hypertension, 2020, 75, 1117-1124.	1.3	20
43	Maternal preconception lipid profile and gestational lipid changes in relation to birthweight outcomes. Scientific Reports, 2020, 10, 1374.	1.6	17
44	Raceâ€“ethnic differences in the associations of maternal lipid trait genetic risk scores with longitudinal fetal growth. Journal of Clinical Lipidology, 2019, 13, 821-831.	0.6	8
45	SMFM Special Statement: State of the science on multifetal gestations: unique considerations and importance. American Journal of Obstetrics and Gynecology, 2019, 221, B2-B12.	0.7	53
46	Associations between estimated foetal weight discordance and clinical characteristics within dichorionic twins: The NICHD Fetal Growth Studies. Paediatric and Perinatal Epidemiology, 2019, 33, 332-342.	0.8	3
47	Importance of research in reducing maternal morbidity and mortality rates. American Journal of Obstetrics and Gynecology, 2019, 221, 179-182.	0.7	14
48	Fetal growth patterns in pregnancy-associated hypertensive disorders: NICHD Fetal Growth Studies. American Journal of Obstetrics and Gynecology, 2019, 221, 635.e1-635.e16.	0.7	27
49	Air Pollution and Preterm Birth: Do Air Pollution Changes over Time Influence Risk in Consecutive Pregnancies among Low-Risk Women?. International Journal of Environmental Research and Public Health, 2019, 16, 3365.	1.2	12
50	Ambient Volatile Organic Compounds and Racial/Ethnic Disparities in Gestational Diabetes Mellitus: Are Asian/Pacific Islander Women at Greater Risk?. American Journal of Epidemiology, 2019, 188, 389-397.	1.6	25
51	Obstetric and neonatal complications among women with autoimmune disease. Journal of Autoimmunity, 2019, 103, 102287.	3.0	17
52	Joint modelling of competing risks and current status data: an application to a spontaneous labour study. Journal of the Royal Statistical Society Series C: Applied Statistics, 2019, 68, 1167-1182.	0.5	0
53	A contemporary amniotic fluid volume chart for the United States: The NICHD Fetal Growth Studiesâ€“Singletons. American Journal of Obstetrics and Gynecology, 2019, 221, 67.e1-67.e12.	0.7	15
54	Comparison of fetal growth by maternal prenatal acetaminophen use. Pediatric Research, 2019, 86, 261-268.	1.1	7

#	Article	IF	Citations
55	Longitudinal changes in maternal anthropometry in relation to neonatal anthropometry. Public Health Nutrition, 2019, 22, 797-804.	1.1	7
56	Associations Between Features of Placental Morphology and Birth Weight in Dichorionic Twins. American Journal of Epidemiology, 2019, 188, 518-526.	1.6	9
57	Patterns and Variability of Endocrine-disrupting Chemicals During Pregnancy. Epidemiology, 2019, 30, S65-S75.	1.2	22
58	Early preterm preeclampsia outcomes by intended modeÂof delivery. American Journal of Obstetrics and Gynecology, 2019, 220, 100.e1-100.e9.	0.7	16
59	Ambient air pollution and fetal growth restriction: Physician diagnosis of fetal growth restriction versus population-based small-for-gestational age. Science of the Total Environment, 2019, 650, 2641-2647.	3.9	41
60	Cohort Profile: NICHD Fetal Growth Studiesâ€“Singletons and Twins. International Journal of Epidemiology, 2018, 47, 25-25l.	0.9	104
61	An Approximate Joint Model for Multiple Paired Longitudinal Outcomes and Time-to-Event Data. Biometrics, 2018, 74, 1112-1119.	0.8	2
62	Fetal growth standards: the NICHD fetal growth study approach in context with INTERGROWTH-21st and the World Health Organization Multicentre Growth Reference Study. American Journal of Obstetrics and Gynecology, 2018, 218, S641-S655.e28.	0.7	100
63	Reassessing the Duration of the Second Stage of Labor in Relation to Maternal and Neonatal Morbidity. Obstetrics and Gynecology, 2018, 131, 345-353.	1.2	25
64	Combined Influence of Gestational Weight Gain and Estimated Fetal Weight on Risk Assessment for Smallâ€•or Largeâ€forâ€Gestationalâ€Age Birth Weight: A Prospective Cohort Study. Journal of Ultrasound in Medicine, 2018, 37, 935-940.	0.8	4
65	Estimating onset time from longitudinal and crossâ€sectional data with an application to estimating gestational age from longitudinal maternal anthropometry during pregnancy and neonatal anthropometry at birth. Journal of the Royal Statistical Society Series A: Statistics in Society, 2018, 181, 825-842.	0.6	3
66	Characterization of Thermal and Mechanical Indices from Serial Ultrasound Exams and Associations with Neonatal Anthropometry: The NICHD Fetal Growth Studies. American Journal of Perinatology, 2018, 35, 632-642.	0.6	6
67	Racial/Ethnic Differences in Labor Induction in a Contemporary US Cohort: A Retrospective Cohort Study. American Journal of Perinatology, 2018, 35, 361-368.	0.6	10
68	Association of Maternal Obesity With Longitudinal Ultrasonographic Measures of Fetal Growth. JAMA Pediatrics, 2018, 172, 24.	3.3	65
69	Endocrine disruptors and neonatal anthropometry, NICHD Fetal Growth Studies - Singletons. Environment International, 2018, 119, 515-526.	4.8	39
70	Fetal growth velocity: the NICHD fetal growth studies. American Journal of Obstetrics and Gynecology, 2018, 219, 285.e1-285.e36.	0.7	56
71	Fetal Growth Patterns in Pregnancies With First-Trimester Bleeding. Obstetrics and Gynecology, 2018, 131, 1021-1030.	1.2	9
72	Genetic and Environmental Influences on Fetal Growth Vary during Sensitive Periods in Pregnancy. Scientific Reports, 2018, 8, 7274.	1.6	38

#	Article	IF	Citations
73	211: Early fetal growth abnormalities and development of severe preeclampsia: the NICHD fetal growth studies. American Journal of Obstetrics and Gynecology, 2017, 216, S134-S135.	0.7	1
74	Spontaneous and indicated preterm delivery risk is increased among overweight and obese women without prepregnancy chronic disease. BJOG: an International Journal of Obstetrics and Gynaecology, 2017, 124, 1708-1716.	1.1	27
75	Maternal stress and neonatal anthropometry: the NICHD Fetal Growth Studies. American Journal of Obstetrics and Gynecology, 2017, 217, 82.e1-82.e7.	0.7	12
76	Maternal Depressive Symptoms, Perceived Stress, and Fetal Growth. Journal of Ultrasound in Medicine, 2017, 36, 1639-1648.	0.8	7
77	Patterns of gestational weight gain and birthweight outcomes in the Eunice Kennedy Shriver National Institute of Child Health and Human Development Fetal Growth Studiesâ€“Singletons: a prospective study. American Journal of Obstetrics and Gynecology, 2017, 217, 346.e1-346.e11.	0.7	45
78	Neonatal outcomes in fetuses with cardiac anomalies and the impact of delivery route. American Journal of Obstetrics and Gynecology, 2017, 217, 469.e1-469.e12.	0.7	20
79	Neonatal Outcomes Associated With Placental Abruption. American Journal of Epidemiology, 2017, 186, 1319-1328.	1.6	45
80	Preconception maternal lipoprotein levels in relation to fecundability. Human Reproduction, 2017, 32, 1055-1063.	0.4	30
81	Maternal, Labor, Delivery, and Perinatal Outcomes Associated with Placental Abruption: A Systematic Review. American Journal of Perinatology, 2017, 34, 0935-0957.	0.6	103
82	Neonatal outcomes following exposure in utero to fallout from Chernobyl. European Journal of Epidemiology, 2017, 32, 1075-1088.	2.5	20
83	Increased Neonatal Respiratory Morbidity Associated with Gestational and Pregestational Diabetes: A Retrospective Study. American Journal of Perinatology, 2017, 34, 1160-1168.	0.6	31
84	Estimating Gestational Age From Ultrasound Fetal Biometrics. Obstetrics and Gynecology, 2017, 130, 433-441.	1.2	36
85	Maternal outcomes associated with early preterm cesareanÂdelivery. American Journal of Obstetrics and Gynecology, 2017, 216, 312.e1-312.e9.	0.7	25
86	Racial/ethnic differences in preterm perinatal outcomes. American Journal of Obstetrics and Gynecology, 2017, 216, 306.e1-306.e12.	0.7	71
87	Induction of Labor in Women with Oligohydramnios: Misoprostol Compared with Prostaglandin E2. American Journal of Perinatology, 2017, 34, 204-210.	0.6	2
88	Ambient Temperature and Stillbirth: A Multi-Center Retrospective Cohort Study. Environmental Health Perspectives, 2017, 125, 067011.	2.8	71
89	Maternal weight gain and associations with longitudinal fetal growth in dichorionic twin pregnancies: a prospective cohort study. American Journal of Clinical Nutrition, 2017, 106, 1449-1455.	2.2	12
90	Maternal Weight Gain During Pregnancy: Comparing Methods to Address Bias Due to Length of Gestation in Epidemiological Studies. Paediatric and Perinatal Epidemiology, 2016, 30, 294-304.	0.8	14

#	Article	IF	Citations
91	Duration of Oxytocin and Rupture of the Membranes Before Diagnosing a Failed Induction of Labor. Obstetrics and Gynecology, 2016, 128, 373-380.	1.2	20
92	Indications for primary cesarean delivery relative to bodyÂmass index. American Journal of Obstetrics and Gynecology, 2016, 215, 515.e1-515.e9.	0.7	40
93	Air pollution exposure and preeclampsia among US women with and without asthma. Environmental Research, 2016, 148, 248-255.	3.7	38
94	Dichorionic twin trajectories: the NICHD Fetal Growth Studies. American Journal of Obstetrics and Gynecology, 2016, 215, 221.e1-221.e16.	0.7	80
95	Center Variation in the Delivery of Indicated Late Preterm Births. American Journal of Perinatology, 2016, 33, 1008-1016.	0.6	0
96	Ultrasound Quality Assurance for Singletons in the National Institute of Child Health and Human Development Fetal Growth Studies. Journal of Ultrasound in Medicine, 2016, 35, 1725-1733.	0.8	38
97	Association of Nausea and Vomiting During Pregnancy With Pregnancy Loss. JAMA Internal Medicine, 2016, 176, 1621.	2.6	49
98	Urinary paracetamol and time-to-pregnancy. Human Reproduction, 2016, 31, 2119-2127.	0.4	28
99	Obstetric and Neonatal Risks Among Obese Women Without Chronic Disease. Obstetrics and Gynecology, 2016, 128, 104-112.	1.2	100
100	In Reply. Obstetrics and Gynecology, 2016, 128, 1183-1183.	1.2	0
101	Preterm birth and air pollution: Critical windows of exposure for women with asthma. Journal of Allergy and Clinical Immunology, 2016, 138, 432-440.e5.	1.5	44
102	Preterm Birth in the Context of Increasing Income Inequality. Maternal and Child Health Journal, 2016, 20, 164-171.	0.7	38
103	Exposure to Ambient Air Pollution and Premature Rupture of Membranes. American Journal of Epidemiology, 2016, 183, 1114-1121.	1.6	40
104	Comparison of methods for identifying smallâ€forâ€gestationalâ€age infants at risk of perinatal mortality among obese mothers: a hospitalâ€based cohort study. BJOG: an International Journal of Obstetrics and Gynaecology, 2016, 123, 1983-1988.	1.1	10
105	Trajectories of maternal gestational weight gain and child cognition assessed at 5â€…years of age in a prospective cohort study. Journal of Epidemiology and Community Health, 2016, 70, 696-703.	2.0	11
106	Lifestyle and pregnancy loss in a contemporary cohort of women recruited before conception: The LIFE Study. Fertility and Sterility, 2016, 106, 180-188.	0.5	59
107	Persistent organic pollutants and pregnancy complications. Science of the Total Environment, 2016, 551-552, 285-291.	3.9	61
108	Maternal psychiatric disorders and risk of preterm birth. Annals of Epidemiology, 2016, 26, 14-20.	0.9	45

#	Article	IF	Citations
109	Adverse Maternal and Neonatal Outcomes in Adolescent Pregnancy. Journal of Pediatric and Adolescent Gynecology, 2016, 29, 130-136.	0.3	124
110	Parental urinary biomarkers of preconception exposure to bisphenol A and phthalates in relation to birth outcomes. Environmental Health, 2015, 14, 73.	1.7	74
111	Maternal and Neonatal Outcomes by Attempted Mode of Operative Delivery From a Low Station in the Second Stage of Labor. Obstetrics and Gynecology, 2015, 126, 1265-1272.	1.2	38
112	Joint Effects of Structural Racism and Income Inequality on Small-for-Gestational-Age Birth. American Journal of Public Health, 2015, 105, 1681-1688.	1.5	114
113	Pregnancy Outcomes Among Obese Women and Their Offspring by Attempted Mode of Delivery. Obstetrics and Gynecology, 2015, 126, 987-993.	1.2	8
114	Labor patterns in women attempting vaginal birth after cesarean with normal neonatal outcomes. American Journal of Obstetrics and Gynecology, 2015, 213, 226.e1-226.e6.	0.7	25
115	Modelling the type and timing of consecutive events: application to predicting preterm birth in repeated pregnancies. Journal of the Royal Statistical Society Series C: Applied Statistics, 2015, 64, 711-730.	0.5	1
116	Preconception and early pregnancy air pollution exposures and risk of gestational diabetes mellitus. Environmental Research, 2015, 137, 316-322.	3.7	151
117	Previous prelabor or intrapartum cesarean delivery and risk of placenta previa. American Journal of Obstetrics and Gynecology, 2015, 212, 669.e1-669.e6.	0.7	57
118	Acute Air Pollution Exposure and Blood Pressure at Delivery Among Women With and Without Hypertension. American Journal of Hypertension, 2015, 28, 58-72.	1.0	32
119	Maternal ambient air pollution exposure preconception and during early gestation and offspring congenital orofacial defects. Environmental Research, 2015, 140, 714-720.	3.7	48
120	Risk factors for retained placenta. American Journal of Obstetrics and Gynecology, 2015, 213, 864.e1-864.e11.	0.7	36
121	Differences in Risk Factors for Recurrent Versus Incident Preterm Delivery. American Journal of Epidemiology, 2015, 182, 157-167.	1.6	20
122	Statistical aspects of modeling the labor curve. American Journal of Obstetrics and Gynecology, 2015, 212, 750.e1-750.e4.	0.7	29
123	Longitudinal changes in gestational weight gain and the association with intrauterine fetal growth. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2015, 190, 41-47.	0.5	22
124	Racial/ethnic standards for fetal growth: the NICHD Fetal Growth Studies. American Journal of Obstetrics and Gynecology, 2015, 213, 449.e1-449.e41.	0.7	348
125	Delivery Blood Pressure and Other First Pregnancy Risk Factors in Relation to Hypertensive Disorders in Second Pregnancies. American Journal of Hypertension, 2015, 28, 1172-1179.	1.0	7
126	Five Authors Reply. American Journal of Epidemiology, 2015, 182, 976-976.	1.6	0

#	Article	IF	Citations
127	Re: "Neonatal Bilirubin Levels and Childhood Asthma in the US Collaborative Perinatal Project, 1959-1965". American Journal of Epidemiology, 2014, 179, 1149-1150.	1.6	2
128	The Association between Parity and Birthweight in a Longitudinal Consecutive Pregnancy Cohort. Paediatric and Perinatal Epidemiology, 2014, 28, 106-115.	0.8	98
129	Differences in risk factors for incident and recurrent smallâ€forâ€gestationalâ€age birthweight: a hospitalâ€based cohort study. BJOG: an International Journal of Obstetrics and Gynaecology, 2014, 121, 1080-1089.	1.1	34
130	Fetal growth and ethnic variation. Lancet Diabetes and Endocrinology,the, 2014, 2, 773.	5.5	14
131	Neonatal outcomes in early term birth. American Journal of Obstetrics and Gynecology, 2014, 211, 265.e1-265.e11.	0.7	88
132	Thyroid Diseases and Adverse Pregnancy Outcomes in a Contemporary US Cohort. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 2725-2733.	1.8	208
133	Neonatal Outcomes and Birth Weight in Pregnancies Complicated by Maternal Thyroid Disease. American Journal of Epidemiology, 2013, 178, 731-740.	1.6	73