

Gary M Shaw

List of Publications by Year in Descending Order

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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.

460
papers

16,481
citations

67
h-index

108
g-index

502
ext. papers

19,475
ext. citations

4.5
avg, IF

6.49
L-index

#	Paper	IF	Citations
460	Perinatal infection, inflammation, preterm birth, and brain injury: A review with proposals for future investigations.. <i>Experimental Neurology</i> , 2022 , 351, 113988	5.7	0
459	Early prediction of preeclampsia in pregnancy with cell-free RNA.. <i>Nature</i> , 2022 ,	50.4	6
458	Associations between wildfire smoke exposure during pregnancy and risk of preterm birth in California. <i>Environmental Research</i> , 2022 , 203, 111872	7.9	5
457	Upstream oil and gas production and ambient air pollution in California. <i>Science of the Total Environment</i> , 2022 , 806, 150298	10.2	4
456	A data-driven health index for neonatal morbidities.. <i>IScience</i> , 2022 , 25, 104143	6.1	0
455	Preconception Antidiabetic Drugs in Men and Birth Defects in Offspring : A Nationwide Cohort Study.. <i>Annals of Internal Medicine</i> , 2022 ,	8	4
454	Leukocyte telomere dynamics across gestation in uncomplicated pregnancies and associations with stress.. <i>BMC Pregnancy and Childbirth</i> , 2022 , 22, 381	3.2	
453	Validation of the Assessment of Parent and Child Adversity (APCA) in Mothers and Young Children.. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2022 , 1-16	5.4	0
452	Prediction of gestational age using urinary metabolites in term and preterm pregnancies.. <i>Scientific Reports</i> , 2022 , 12, 8033	4.9	0
451	Early-pregnancy prediction of risk for pre-eclampsia using maternal blood leptin/ceramide ratio: discovery and confirmation. <i>BMJ Open</i> , 2021 , 11, e050963	3	2
450	Modeling complex effects of exposure to particulate matter and extreme heat during pregnancy on congenital heart defects: A U.S. population-based case-control study in the National Birth Defects Prevention Study. <i>Science of the Total Environment</i> , 2021 , 808, 152150	10.2	0
449	Parental age and preterm birth: a population-based cohort of nearly 3 million California livebirths from 2007 to 2012. <i>Journal of Perinatology</i> , 2021 , 41, 2156-2164	3.1	0
448	Understanding how biologic and social determinants affect disparities in preterm birth and outcomes of preterm infants in the NICU. <i>Seminars in Perinatology</i> , 2021 , 45, 151408	3.3	1
447	Genome-wide investigation identifies a rare copy-number variant burden associated with human spina bifida. <i>Genetics in Medicine</i> , 2021 , 23, 1211-1218	8.1	3
446	African American Unemployment and the Disparity in Periviable Births. <i>Journal of Racial and Ethnic Health Disparities</i> , 2021 , 1	3.5	0
445	Hematopoietic stem cell gene therapy targeting TGF β enhances the efficacy of irradiation therapy in a preclinical glioblastoma model 2021 , 9,		3
444	Paternal genetic variants and risk of obstructive heart defects: A parent-of-origin approach. <i>PLoS Genetics</i> , 2021 , 17, e1009413	6	1

443	Proteomic signatures predict preeclampsia in individual cohorts but not across cohorts - implications for clinical biomarker studies. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021 , 1-8	2	3
442	The relationship between air pollutants and maternal socioeconomic factors on preterm birth in California urban counties. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021 , 31, 503-513	6.7	2
441	Greenspace, Air Pollution, Neighborhood Factors, and Preeclampsia in a Population-Based Case-Control Study in California. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
440	Nitrate in Drinking Water during Pregnancy and Spontaneous Preterm Birth: A Retrospective Within-Mother Analysis in California. <i>Environmental Health Perspectives</i> , 2021 , 129, 57001	8.4	6
439	Deleterious and Protective Psychosocial and Stress-Related Factors Predict Risk of Spontaneous Preterm Birth. <i>American Journal of Perinatology</i> , 2021 ,	3.3	1
438	Integrated trajectories of the maternal metabolome, proteome, and immunome predict labor onset. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	17
437	Trends in Spontaneous and Medically Indicated Preterm Birth in Twins versus Singletons: A California Cohort 2007 to 2011. <i>American Journal of Perinatology</i> , 2021 ,	3.3	1
436	Interdisciplinary data science to advance environmental health research and improve birth outcomes. <i>Environmental Research</i> , 2021 , 197, 111019	7.9	1
435	Non-redundant activity of GSK-3 β and GSK-3 α in T α cell-mediated tumor rejection. <i>iScience</i> , 2021 , 24, 102556	5.1	0
434	Stillbirth as left truncation for early neonatal death in California, 1989-2015: a time-series study. <i>BMC Pregnancy and Childbirth</i> , 2021 , 21, 478	3.2	0
433	Interpregnancy intervals and adverse birth outcomes in high-income countries: An international cohort study. <i>PLoS ONE</i> , 2021 , 16, e0255000	3.7	4
432	Towards personalized medicine in maternal and child health: integrating biologic and social determinants. <i>Pediatric Research</i> , 2021 , 89, 252-258	3.2	5
431	High-throughput quantitation of serological ceramides/dihydroceramides by LC/MS/MS: Pregnancy baseline biomarkers and potential metabolic messengers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 192, 113639	3.5	2
430	Singleton preterm birth rates for racial and ethnic groups during the coronavirus disease 2019 pandemic in California. <i>American Journal of Obstetrics and Gynecology</i> , 2021 , 224, 239-241	6.4	23
429	Infant Allergy Testing and Food Allergy Diagnoses Before and After Guidelines for Early Peanut Introduction. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021 , 9, 302-310.e9	5.4	3
428	Association between preconception paternal health and pregnancy loss in the USA: an analysis of US claims data. <i>Human Reproduction</i> , 2021 , 36, 785-793	5.7	4
427	Male-to-Female Ratios, Race/Ethnicity, and Spontaneous Preterm Birth among 11 Million California Infants. <i>American Journal of Perinatology</i> , 2021 , 38, 683-689	3.3	3
426	Decreased Mortality Rate Among COVID-19 Patients Prescribed Statins: Data From Electronic Health Records in the US. <i>Frontiers in Medicine</i> , 2021 , 8, 639804	4.9	10

425	Timing of Transfer and Mortality in Neonates with Hypoplastic Left Heart Syndrome in California. <i>Pediatric Cardiology</i> , 2021 , 42, 906-917	2.1	3
424	Gene-environment interactions between air pollution and biotransformation enzymes and risk of birth defects. <i>Birth Defects Research</i> , 2021 , 113, 676-686	2.9	2
423	Exome sequencing of child-parent trios with bladder exstrophy: Findings in 26 children. <i>American Journal of Medical Genetics, Part A</i> , 2021 , 185, 3028-3041	2.5	1
422	Data-Driven Modeling of Pregnancy-Related Complications. <i>Trends in Molecular Medicine</i> , 2021 , 27, 762-776	11.5	3
421	Explaining the Black-White Disparity in Preterm Birth: A Consensus Statement From a Multi-Disciplinary Scientific Work Group Convened by the March of Dimes. <i>Frontiers in Reproductive Health</i> , 2021 , 3,	1.4	10
420	Systems biology analysis of human genomes points to key pathways conferring spina bifida risk.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	3
419	Male-to-female ratios among NTDs and women's periconceptional intake of folic acid. <i>Birth Defects Research</i> , 2020 , 112, 1187-1193	2.9	
418	Quantification of selection bias in studies of risk factors for birth defects among livebirths. <i>Paediatric and Perinatal Epidemiology</i> , 2020 , 34, 655-664	2.7	10
417	Progressive Metabolic Dysfunction and Nutritional Variability Precedes Necrotizing Enterocolitis. <i>Nutrients</i> , 2020 , 12,	6.7	3
416	Oil and gas production and spontaneous preterm birth in the San Joaquin Valley, CA: A case-control study. <i>Environmental Epidemiology</i> , 2020 , 4, e099	0.2	14
415	Association of preconception paternal health on perinatal outcomes: analysis of U.S. claims data. <i>Fertility and Sterility</i> , 2020 , 113, 947-954	4.8	12
414	Changes in pregnancy-related serum biomarkers early in gestation are associated with later development of preeclampsia. <i>PLoS ONE</i> , 2020 , 15, e0230000	3.7	7
413	68: Vaginal progesterone treatment is associated with intrahepatic cholestasis of pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2020 , 222, S58-S59	6.4	2
412	Maternal dietary fat intake and the risk of congenital heart defects in offspring. <i>Pediatric Research</i> , 2020 , 88, 804-809	3.2	3
411	Newborn Iodine Status Is Not Related to Congenital Hypothyroidism. <i>Journal of Nutrition</i> , 2020 , 150, 2429-2434	4.1	2
410	Multiomic immune clockworks of pregnancy. <i>Seminars in Immunopathology</i> , 2020 , 42, 397-412	12	24
409	Survival of infants with congenital diaphragmatic hernia in California: impact of hospital, clinical, and sociodemographic factors. <i>Journal of Perinatology</i> , 2020 , 40, 943-951	3.1	5
408	Preterm birth outcomes among Asian women by maternal place of birth. <i>Journal of Perinatology</i> , 2020 , 40, 758-766	3.1	4

407	Early prediction of preeclampsia via machine learning. <i>American Journal of Obstetrics & Gynecology MFM</i> , 2020 , 2, 100100	7.4	10
406	Maternal occupational exposure to polycyclic aromatic hydrocarbons and the risk of isolated congenital heart defects among offspring. <i>Environmental Research</i> , 2020 , 186, 109550	7.9	9
405	Mid-gestation serum lipidomic profile associations with spontaneous preterm birth are influenced by body mass index. <i>PLoS ONE</i> , 2020 , 15, e0239115	3.7	7
404	Maternal Exposure to Disinfection By-Products and Risk of Hypospadias in the National Birth Defects Prevention Study (2000-2005). <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	1
403	Residential proximity to green space and preeclampsia in California. <i>Environmental Epidemiology</i> , 2020 , 4, e120	0.2	3
402	Loss of RAD9B impairs early neural development and contributes to the risk for human spina bifida. <i>Human Mutation</i> , 2020 , 41, 786-799	4.7	7
401	FKBP8 variants are risk factors for spina bifida. <i>Human Molecular Genetics</i> , 2020 , 29, 3132-3144	5.6	3
400	Integration of mechanistic immunological knowledge into a machine learning pipeline improves predictions. <i>Nature Machine Intelligence</i> , 2020 , 2, 619-628	22.5	24
399	Stillbirths and live births in the periviable period. <i>Annals of Epidemiology</i> , 2020 , 49, 8-12	6.4	4
398	Maternal metabolic profiling to assess fetal gestational age and predict preterm delivery: a two-centre retrospective cohort study in the US. <i>BMJ Open</i> , 2020 , 10, e040647	3	2
397	VoPo leverages cellular heterogeneity for predictive modeling of single-cell data. <i>Nature Communications</i> , 2020 , 11, 3738	17.4	13
396	Defining critical factors in multi-country studies of assisted reproductive technologies (ART): data from the US and UK health systems. <i>Journal of Assisted Reproduction and Genetics</i> , 2020 , 37, 2767-2775	3.4	
395	Periconceptional stressors and social support and risk for adverse birth outcomes. <i>BMC Pregnancy and Childbirth</i> , 2020 , 20, 487	3.2	3
394	Reproductive sequelae of parental severe illness before the pandemic: implications for the COVID-19 pandemic. <i>Fertility and Sterility</i> , 2020 , 114, 1242-1249	4.8	0
393	Racial/ethnic disparities and human milk use in necrotizing enterocolitis. <i>Pediatric Research</i> , 2020 , 88, 3-9	3.2	4
392	Effects of Selective Exclusion of Patients on Preterm Birth Test Performance. <i>Obstetrics and Gynecology</i> , 2020 , 135, 1228-1229	4.9	
391	Congenital diaphragmatic hernia and maternal dietary nutrient pathways and diet quality. <i>Birth Defects Research</i> , 2020 , 112, 1475-1483	2.9	3
390	Investigating Pregnancy and Its Complications Using Circulating Cell-Free RNA in Women's Blood During Gestation. <i>Frontiers in Pediatrics</i> , 2020 , 8, 605219	3.4	6

389	"Following through": addressing the racial inequality for preterm infants and their families. <i>Pediatric Research</i> , 2020 , 87, 192-193	3.2	3
388	Factors Associated with Timeliness of Surgical Repair among Infants with Myelomeningocele: California Perinatal Quality Care Collaborative, 2006 to 2011. <i>American Journal of Perinatology</i> , 2020 , 37, 1234-1242	3.3	3
387	Evaluation of US State-Level Variation in Hypertensive Disorders of Pregnancy. <i>JAMA Network Open</i> , 2020 , 3, e2018741	10.4	13
386	Multiomics Characterization of Preterm Birth in Low- and Middle-Income Countries. <i>JAMA Network Open</i> , 2020 , 3, e2029655	10.4	13
385	Reply to: Transpyloric feeds and bronchopulmonary dysplasia. <i>Journal of Perinatology</i> , 2019 , 39, 1328	3.1	
384	Maternal exposure to outdoor air pollution and congenital limb deficiencies in the National Birth Defects Prevention Study. <i>Environmental Research</i> , 2019 , 179, 108716	7.9	9
383	Maternal Lactase Polymorphism (rs4988235) Is Associated with Neural Tube Defects in Offspring in the National Birth Defects Prevention Study. <i>Journal of Nutrition</i> , 2019 , 149, 295-303	4.1	2
382	Projected Changes in Maternal Heat Exposure During Early Pregnancy and the Associated Congenital Heart Defect Burden in the United States. <i>Journal of the American Heart Association</i> , 2019 , 8, e010995	6	18
381	Comparing Usual Dietary Intakes Among Subgroups of Mothers in the Year Before Pregnancy. <i>Public Health Reports</i> , 2019 , 134, 155-163	2.5	3
380	Parental age and stillbirth: a population-based cohort of nearly 10 million California deliveries from 1991 to 2011. <i>Annals of Epidemiology</i> , 2019 , 31, 32-37.e2	6.4	10
379	A Genome-Wide Analysis of Clinical Chorioamnionitis among Preterm Infants. <i>American Journal of Perinatology</i> , 2019 , 36, 1453-1458	3.3	3
378	Women's periconceptional lowered carbohydrate intake and NTD-affected pregnancy risk in the era of prefortification with folic acid. <i>Birth Defects Research</i> , 2019 , 111, 248-253	2.9	3
377	The contributions of genetics to premature birth. <i>Pediatric Research</i> , 2019 , 85, 416-417	3.2	6
376	Short interpregnancy interval as a risk factor for preterm birth in non-Hispanic Black and White women in California. <i>Journal of Perinatology</i> , 2019 , 39, 1175-1181	3.1	8
375	Reply to: "Early transpyloric feeding: an old wine in a new bottle." <i>Journal of Perinatology</i> , 2019 , 39, 1155-1156	3.1	56
374	Differential Dynamics of the Maternal Immune System in Healthy Pregnancy and Preeclampsia. <i>Frontiers in Immunology</i> , 2019 , 10, 1305	8.4	25
373	Accumulation of rare coding variants in genes implicated in risk of human cleft lip with or without cleft palate. <i>American Journal of Medical Genetics, Part A</i> , 2019 , 179, 1260-1269	2.5	8
372	Single Cell Transcriptomes Derived from Human Cervical and Uterine Tissue during Pregnancy. <i>Advanced Biology</i> , 2019 , 3, e1800336	3.5	2

371	Substantial Cardiovascular Morbidity in Adults With Lower-Complexity Congenital Heart Disease. <i>Circulation</i> , 2019 , 139, 1889-1899	16.7	37
370	Variants identified in PTK7 associated with neural tube defects. <i>Molecular Genetics & Genomic Medicine</i> , 2019 , 7, e00584	2.3	19
369	Sociodemographic, health behavioral, and clinical risk factors for anotia/microtia in a population-based case-control study. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2019 , 122, 18-26	1.7	9
368	Risk factors associated with the development of double-inlet ventricle congenital heart disease. <i>Birth Defects Research</i> , 2019 , 111, 640-648	2.9	5
367	A pilot study showing a stronger H1N1 influenza vaccination response during pregnancy in women who subsequently deliver preterm. <i>Journal of Reproductive Immunology</i> , 2019 , 132, 16-20	4.2	1
366	Epigenomic profiling of newborns with isolated orofacial clefts reveals widespread DNA methylation changes and implicates metastable epiallele regions in disease risk. <i>Epigenetics</i> , 2019 , 14, 198-213	5.7	21
365	Early transpyloric vs gastric feeding in preterm infants: a retrospective cohort study. <i>Journal of Perinatology</i> , 2019 , 39, 837-841	3.1	8
364	Maternal genetic markers for risk of celiac disease and their potential association with neural tube defects in offspring. <i>Molecular Genetics & Genomic Medicine</i> , 2019 , 7, e688	2.3	1
363	The Authors Respond. <i>Epidemiology</i> , 2019 , 30, e2-e3	3.1	
362	Developing evidence-based recommendations for optimal interpregnancy intervals in high-income countries: protocol for an international cohort study. <i>BMJ Open</i> , 2019 , 9, e027941	3	10
361	Multomics modeling of the immunome, transcriptome, microbiome, proteome and metabolome adaptations during human pregnancy. <i>Bioinformatics</i> , 2019 , 35, 95-103	7.2	54
360	Exome sequencing of family trios from the National Birth Defects Prevention Study: Tapping into a rich resource of genetic and environmental data. <i>Birth Defects Research</i> , 2019 , 111, 1618-1632	2.9	4
359	Associations between PM and risk of preterm birth among liveborn infants. <i>Annals of Epidemiology</i> , 2019 , 39, 46-53.e2	6.4	4
358	Data-driven queries between medications and spontaneous preterm birth among 2.5 million pregnancies. <i>Birth Defects Research</i> , 2019 , 111, 1145-1153	2.9	5
357	Vasa previa and extreme prematurity: a population-based study. <i>Journal of Perinatology</i> , 2019 , 39, 475-480	3.0	2
356	The TFAP2A-IRF6-GRHL3 genetic pathway is conserved in neurulation. <i>Human Molecular Genetics</i> , 2019 , 28, 1726-1737	5.6	17
355	Associations between fine particulate matter, extreme heat events, and congenital heart defects. <i>Environmental Epidemiology</i> , 2019 , 3, e071	0.2	7
354	Air Pollution, Maternal Hypertensive Disorders, and Preterm Birth. <i>Environmental Epidemiology</i> , 2019 , 3,	0.2	5

353	Stillbirth and Live Birth at Periviable Gestational Age: A Comparison of Prevalence and Risk Factors. <i>American Journal of Perinatology</i> , 2019 , 36, 537-544	3.3	7
352	A machine learning approach to investigate potential risk factors for gastroschisis in California. <i>Birth Defects Research</i> , 2019 , 111, 212-221	2.9	3
351	Prenatal exposure to air pollution, maternal diabetes and preterm birth. <i>Environmental Research</i> , 2019 , 170, 160-167	7.9	32
350	Understanding health disparities. <i>Journal of Perinatology</i> , 2019 , 39, 354-358	3.1	12
349	Maternal Height and Risk of Preeclampsia among Race/Ethnic Groups. <i>American Journal of Perinatology</i> , 2019 , 36, 864-871	3.3	5
348	Preterm Delivery Phenotypes in Systemic Lupus Erythematosus Pregnancies. <i>American Journal of Perinatology</i> , 2019 , 36, 964-968	3.3	5
347	Dominant negative GPR161 rare variants are risk factors of human spina bifida. <i>Human Molecular Genetics</i> , 2019 , 28, 200-208	5.6	15
346	Failed umbilical artery catheterization and adverse outcomes in extremely low birth weight infants. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019 , 32, 3566-3570	2	2
345	Nutrient intake in women before conception and risks of anophthalmia and microphthalmia in their offspring. <i>Birth Defects Research</i> , 2018 , 110, 863-870	2.9	6
344	Reproductive suppression, birth defects, and periviable birth. <i>Evolutionary Applications</i> , 2018 , 11, 762-767.8	7.8	2
343	Residential agricultural pesticide exposures and risks of preeclampsia. <i>Environmental Research</i> , 2018 , 164, 546-555	7.9	16
342	A genome-wide association study identifies only two ancestry specific variants associated with spontaneous preterm birth. <i>Scientific Reports</i> , 2018 , 8, 226	4.9	21
341	Divergent Patterns of Mitochondrial and Nuclear Ancestry Are Associated with the Risk for Preterm Birth. <i>Journal of Pediatrics</i> , 2018 , 194, 40-46.e4	3.6	12
340	A proteomic clock of human pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2018 , 218, 347.e1-347.e14	6.347.e14	14
339	First Trimester Plasma Glucose Values in Women without Diabetes are Associated with Risk for Congenital Heart Disease in Offspring. <i>Journal of Pediatrics</i> , 2018 , 195, 275-278	3.6	16
338	Genetic variation in biotransformation enzymes, air pollution exposures, and risk of spina bifida. <i>American Journal of Medical Genetics, Part A</i> , 2018 , 176, 1055-1090	2.5	5
337	Herpesvirus Infection in Infants with Gastroschisis. <i>Epidemiology</i> , 2018 , 29, 571-573	3.1	3
336	Risk for spontaneous preterm birth among inter-racial/ethnic couples. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018 , 31, 633-639	2	9

335	What factors are related to recurrent preterm birth among underweight women?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018 , 31, 560-566	2	7
334	Occurrence of Selected Structural Birth Defects Among Women With Preeclampsia and Other Hypertensive Disorders. <i>American Journal of Epidemiology</i> , 2018 , 187, 668-676	3.8	5
333	Residential Agricultural Pesticide Exposures and Risks of Spontaneous Preterm Birth. <i>Epidemiology</i> , 2018 , 29, 8-21	3.1	15
332	Antioxidant Consumption is Associated with Decreased Odds of Congenital Limb Deficiencies. <i>Paediatric and Perinatal Epidemiology</i> , 2018 , 32, 90-99	2.7	5
331	Natural Selection Has Differentiated the Progesterone Receptor among Human Populations. <i>American Journal of Human Genetics</i> , 2018 , 103, 45-57	11	19
330	Change in Prevalence of Orofacial Clefts in California between 1987 and 2010. <i>American Journal of Medical Genetics, Part A</i> , 2018 , 176, 1910-1916	2.5	2
329	Application of machine-learning to predict early spontaneous preterm birth among nulliparous non-Hispanic black and white women. <i>Annals of Epidemiology</i> , 2018 , 28, 783-789.e1	6.4	21
328	Epidemiology of anophthalmia and microphthalmia: Prevalence and patterns in Texas, 1999-2009. <i>American Journal of Medical Genetics, Part A</i> , 2018 , 176, 1810-1818	2.5	18
327	Noninvasive blood tests for fetal development predict gestational age and preterm delivery. <i>Science</i> , 2018 , 360, 1133-1136	33.3	116
326	Maternal ambient heat exposure during early pregnancy in summer and spring and congenital heart defects - A large US population-based, case-control study. <i>Environment International</i> , 2018 , 118, 211-221	12.9	26
325	Enabling precision medicine in neonatology, an integrated repository for preterm birth research. <i>Scientific Data</i> , 2018 , 5, 180219	8.2	6
324	Impact of post-collection freezing delay on the reliability of serum metabolomics in samples reflecting the California mid-term pregnancy biobank. <i>Metabolomics</i> , 2018 , 14, 151	4.7	17
323	Copy number variants in hypoplastic right heart syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2018 , 176, 2760-2767	2.5	5
322	An application of data mining to identify potential risk factors for anophthalmia and microphthalmia. <i>Paediatric and Perinatal Epidemiology</i> , 2018 , 32, 545-555	2.7	1
321	Congenital heart disease complexity and childhood cancer risk. <i>Birth Defects Research</i> , 2018 , 110, 1314-1321	3.1	4
320	Association of paternal age with perinatal outcomes between 2007 and 2016 in the United States: population based cohort study. <i>BMJ, The</i> , 2018 , 363, k4372	5.9	72
319	A population-based case-control study of the association between weather-related extreme heat events and orofacial clefts. <i>Birth Defects Research</i> , 2018 , 110, 1468-1477	2.9	4
318	Metagenomic analysis with strain-level resolution reveals fine-scale variation in the human pregnancy microbiome. <i>Genome Research</i> , 2018 , 28, 1467-1480	9.7	73

317	Women's periconceptional diet and risk of biliary atresia in offspring. <i>Birth Defects Research</i> , 2018 , 110, 994-1000	2.9	3
316	Prediction of preterm birth with and without preeclampsia using mid-pregnancy immune and growth-related molecular factors and maternal characteristics. <i>Journal of Perinatology</i> , 2018 , 38, 963-972 ^{3,1}	2.1	20
315	The uncertain fate of the National Institutes of Health (NIH) pediatric research portfolio: In support of an investment strategy to improve the public health of the nation through perinatal research. <i>Pediatric Research</i> , 2018 , 84, 321-322	3.2	0
314	Air pollution, neighborhood acculturation factors, and neural tube defects among Hispanic women in California. <i>Birth Defects Research</i> , 2017 , 109, 403-422	2.9	10
313	Maternal prepregnancy body mass index and risk of bronchopulmonary dysplasia. <i>Pediatric Research</i> , 2017 , 82, 8-13	3.2	8
312	An Electronic Health Record Investigation of Lenticulostriate Vasculopathy Features. <i>American Journal of Perinatology</i> , 2017 , 34, 253-258	3.3	
311	Maternal Stressors and Social Support and Risks of Delivering Babies With Gastroschisis or Hypospadias. <i>American Journal of Epidemiology</i> , 2017 , 185, 1240-1246	3.8	8
310	Maternal Smoking, Alcohol, and Caffeine Exposures and Risk of Hypospadias. <i>Birth Defects Research</i> , 2017 , 109, 1127-1133	2.9	11
309	DNA Methylome Profiling on the Infinium HumanMethylation450 Array from Limiting Quantities of Genomic DNA from a Single, Small Archived Bloodspot. <i>Genetic Testing and Molecular Biomarkers</i> , 2017 , 21, 516-519	1.6	3
308	The association of maternal lymphatic markers and critical congenital heart defects in the fetus-A population based case-control study. <i>American Journal of Medical Genetics, Part A</i> , 2017 , 173, 1231-1236 ^{2,5}		
307	An Investigation of Connections between Birth Defects and Cancers Arising in Adolescence and Very Young Adulthood. <i>Journal of Pediatrics</i> , 2017 , 185, 237-240	3.6	1
306	Nulliparous teenagers and preterm birth in California. <i>Journal of Perinatal Medicine</i> , 2017 , 45, 959-967	2.7	8
305	Copy number variants in Ebstein anomaly. <i>PLoS ONE</i> , 2017 , 12, e0188168	3.7	4
304	Fetal de novo mutations and preterm birth. <i>PLoS Genetics</i> , 2017 , 13, e1006689	6	22
303	Numerous uncharacterized and highly divergent microbes which colonize humans are revealed by circulating cell-free DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 9623-9628	11.5	94
302	Replication and refinement of a vaginal microbial signature of preterm birth in two racially distinct cohorts of US women. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 9966-9971	11.5	182
301	An immune clock of human pregnancy. <i>Science Immunology</i> , 2017 , 2,	28	209
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