

# Sonia Hernández-Díaz

## List of Publications by Year in descending order

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Version: 2024-02-01

100  
papers

14,082  
citations

38720

50  
h-index

33869

99  
g-index

102  
all docs

102  
docs citations

102  
times ranked

13987  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Ischemic Placental Disease, Preterm Delivery, and Their Association With Opioid Use During Pregnancy. <i>American Journal of Epidemiology</i> , 2022, 191, 759-768.   | 1.6 | 6         |
| 2  | Trajectories of Prescription Opioid Utilization During Pregnancy Among Prepregnancy Chronic Users and Risk of Neonatal Opioid Withdrawal Syndrome. <i>American Journal of Epidemiology</i> , 2022, 191, 208-219.                    | 1.6 | 4         |
| 3  | Emulating a target trial of the comparative effectiveness of clomiphene citrate and letrozole for ovulation induction. <i>Human Reproduction</i> , 2022, 37, 793-805.   | 0.4 | 8         |
| 4  | Effectiveness and safety of intrauterine insemination vs. assisted reproductive technology: emulating a target trial using an observational database of administrative claims. <i>Fertility and Sterility</i> , 2022, 117, 981-991. | 0.5 | 8         |
| 5  | Association of Antipsychotic Drug Exposure in Pregnancy With Risk of Neurodevelopmental Disorders. <i>JAMA Internal Medicine</i> , 2022, 182, 522.  | 2.6 | 22        |
| 6  | International Registry of Coronavirus Exposure in Pregnancy (IRCEP) – Cohort Description and Methodological Considerations. <i>American Journal of Epidemiology</i> , 2022, , .   | 1.6 | 7         |
| 7  | Polypharmacy and comorbidities during pregnancy in a cohort of women with migraine. <i>Cephalalgia</i> , 2021, 41, 392-403.   | 1.8 | 8         |
| 8  | Chronic prescription opioid use in pregnancy in the United States. <i>Pharmacoepidemiology and Drug Safety</i> , 2021, 30, 504-513.   | 0.9 | 7         |
| 9  | Association of first trimester prescription opioid use with congenital malformations in the offspring: population based cohort study. <i>BMJ, The</i> , 2021, 372, n102.  | 3.0 | 26        |
| 10 | The Patterns of Use of Medications for Inflammatory Bowel Disease During Pregnancy in the US and Sweden Are Changing. <i>Inflammatory Bowel Diseases</i> , 2021, 27, 1427-1434.   | 0.9 | 6         |
| 11 | Validity of claims-based algorithms to identify neurodevelopmental disorders in children. <i>Pharmacoepidemiology and Drug Safety</i> , 2021, 30, 1635-1642.  | 0.9 | 14        |
| 12 | Using nationally representative survey data for external adjustment of unmeasured confounders: An example using the NHANES data. <i>Pharmacoepidemiology and Drug Safety</i> , 2020, 29, 1151-1158.                                 | 0.9 | 4         |
| 13 | Gabapentin in pregnancy and the risk of adverse neonatal and maternal outcomes: A population-based cohort study nested in the US Medicaid Analytic eXtract dataset. <i>PLoS Medicine</i> , 2020, 17, e1003322.                      | 3.9 | 27        |
| 14 | In utero opioid exposure and risk of infections in childhood: A multinational Nordic cohort study. <i>Pharmacoepidemiology and Drug Safety</i> , 2020, 29, 1596-1604.   | 0.9 | 4         |
| 15 | The Effect of Prenatal Treatments on Offspring Events in the Presence of Competing Events. <i>Epidemiology</i> , 2020, 31, 636-643.   | 1.2 | 20        |
| 16 | Quantification of selection bias in studies of risk factors for birth defects among livebirths. <i>Paediatric and Perinatal Epidemiology</i> , 2020, 34, 655-664.   | 0.8 | 27        |
| 17 | Oral fluconazole use in the first trimester and risk of congenital malformations: population based cohort study. <i>BMJ, The</i> , 2020, 369, m1494.  | 3.0 | 17        |
| 18 | Maternal and fetal outcomes following exposure to duloxetine in pregnancy: cohort study. <i>BMJ, The</i> , 2020, 368, m237.   | 3.0 | 28        |

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|----|---|------|-----------|
| 19 | The Impact of Technology on the Diagnosis of Congenital Malformations. American Journal of Epidemiology, 2019, 188, 1892-1901.  | 1.6  | 5         |
| 20 | Use of real-world evidence from healthcare utilization data to evaluate drug safety during pregnancy. Pharmacoepidemiology and Drug Safety, 2019, 28, 906-922.                                    | 0.9  | 79        |
| 21 | Good practices for the design, analysis, and interpretation of observational studies on birth spacing and perinatal health outcomes. Paediatric and Perinatal Epidemiology, 2019, 33, O15-O24.    | 0.8  | 49        |
| 22 | Effects of analgesics on bone mineral density: A longitudinal analysis of the prospective SWAN cohort with three-group matching weights. Pharmacoepidemiology and Drug Safety, 2018, 27, 182-190. | 0.9  | 13        |
| 23 | Association Between Methylphenidate and Amphetamine Use in Pregnancy and Risk of Congenital Malformations. JAMA Psychiatry, 2018, 75, 167.  | 6.0  | 93        |
| 24 | Prenatal Treatment and Outcomes of Women With Opioid Use Disorder. Obstetrics and Gynecology, 2018, 132, 916-922.   | 1.2  | 31        |
| 25 | Association of Maternal First-Trimester Ondansetron Use With Cardiac Malformations and Oral Clefts in Offspring. JAMA - Journal of the American Medical Association, 2018, 320, 2429.             | 3.8  | 90        |
| 26 | β-Blocker Use in Pregnancy and the Risk for Congenital Malformations. Annals of Internal Medicine, 2018, 169, 665.  | 2.0  | 65        |
| 27 | Patients and investigators prefer measures of absolute risk in subgroups for pragmatic randomized trials. Journal of Clinical Epidemiology, 2018, 103, 10-21.                                     | 2.4  | 30        |
| 28 | Continuation of Atypical Antipsychotic Medication During Early Pregnancy and the Risk of Gestational Diabetes. American Journal of Psychiatry, 2018, 175, 564-574.                                | 4.0  | 61        |
| 29 | Risk of Major Malformations in Infants Following First-Trimester Exposure to Quetiapine. American Journal of Psychiatry, 2018, 175, 1225-1231.  | 4.0  | 28        |
| 30 | Lithium Use in Pregnancy and the Risk of Cardiac Malformations. New England Journal of Medicine, 2017, 376, 2245-2254.  | 13.9 | 183       |
| 31 | Zidovudine use in pregnancy and congenital malformations. Aids, 2017, 31, 1733-1743.  | 1.0  | 12        |
| 32 | Angiotensin-Converting Enzyme Inhibitors and the Risk of Congenital Malformations. Obstetrics and Gynecology, 2017, 129, 174-184.   | 1.2  | 77        |
| 33 | Placental Complications Associated With Psychostimulant Use in Pregnancy. Obstetrics and Gynecology, 2017, 130, 1192-1201.  | 1.2  | 50        |
| 34 | Risk of neonatal drug withdrawal after intrauterine co-exposure to opioids and psychotropic medications: cohort study. BMJ: British Medical Journal, 2017, 358, j3326.                            | 2.4  | 104       |
| 35 | Late Pregnancy β Blocker Exposure and Risks of Neonatal Hypoglycemia and Bradycardia. Pediatrics, 2016, 138, .  | 1.0  | 89        |
| 36 | Antipsychotic Use in Pregnancy and the Risk for Congenital Malformations. JAMA Psychiatry, 2016, 73, 938.   | 6.0  | 206       |

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|----|--|------|-----------|
| 37 | Specifying a target trial prevents immortal time bias and other self-inflicted injuries in observational analyses. <i>Journal of Clinical Epidemiology</i> , 2016, 79, 70-75.  | 2.4  | 449       |
| 38 | Reproductive Safety of Second-Generation Antipsychotics: Current Data From the Massachusetts General Hospital National Pregnancy Registry for Atypical Antipsychotics. <i>American Journal of Psychiatry</i> , 2016, 173, 263-270. | 4.0  | 162       |
| 39 | The Most Commonly Dispensed Prescription Medications Among Pregnant Women Enrolled in the U.S. Medicaid Program. <i>Obstetrics and Gynecology</i> , 2015, 126, 465-473.  | 1.2  | 104       |
| 40 | Calcium Channel Blocker Exposure in Late Pregnancy and the Risk of Neonatal Seizures. <i>Obstetrics and Gynecology</i> , 2015, 126, 271-278.   | 1.2  | 15        |
| 41 | Methodological considerations in assessing the effectiveness of antidepressant medication continuation during pregnancy using administrative data. <i>Pharmacoepidemiology and Drug Safety</i> , 2015, 24, 934-942.                | 0.9  | 33        |
| 42 | Beginning and duration of pregnancy in automated health care databases: review of estimation methods and validation results. <i>Pharmacoepidemiology and Drug Safety</i> , 2015, 24, 335-342.                                      | 0.9  | 56        |
| 43 | Antidepressant Use Late in Pregnancy and Risk of Persistent Pulmonary Hypertension of the Newborn. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 2142.  | 3.8  | 198       |
| 44 | Mortality and Morbidity During Delivery Hospitalization Among Pregnant Women With Epilepsy in the United States. <i>JAMA Neurology</i> , 2015, 72, 981.  | 4.5  | 201       |
| 45 | Statins and congenital malformations: cohort study. <i>BMJ, The</i> , 2015, 350, h1035-h1035.  | 3.0  | 172       |
| 46 | Exposure to prescription opioid analgesics in utero and risk of neonatal abstinence syndrome: population based cohort study. <i>BMJ, The</i> , 2015, 350, h2102-h2102.   | 3.0  | 140       |
| 47 | Chronic hypertension in pregnancy and the risk of congenital malformations: a cohort study. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, 337.e1-337.e14.  | 0.7  | 63        |
| 48 | Antidepressant Use in Pregnancy and the Risk of Cardiac Defects. <i>New England Journal of Medicine</i> , 2014, 371, 1167-1169.  | 13.9 | 29        |
| 49 | Validity of maternal and infant outcomes within nationwide Medicaid data. <i>Pharmacoepidemiology and Drug Safety</i> , 2014, 23, 646-655.   | 0.9  | 81        |
| 50 | First Trimester Exposure to Antiretroviral Therapy and Risk of Birth Defects. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, 741-746.   | 1.1  | 19        |
| 51 | Increase in Prescription Opioid Use During Pregnancy Among Medicaid-Enrolled Women. <i>Obstetrics and Gynecology</i> , 2014, 123, 997-1002.  | 1.2  | 291       |
| 52 | Invited Commentary: Composite Outcomes as an Attempt to Escape From Selection Bias and Related Paradoxes. <i>American Journal of Epidemiology</i> , 2014, 179, 368-370.  | 1.6  | 34        |
| 53 | Alteration of bioelectrically-controlled processes in the embryo: a teratogenic mechanism for anticonvulsants. <i>Reproductive Toxicology</i> , 2014, 47, 111-114.   | 1.3  | 33        |
| 54 | Antidepressant Use in Pregnancy and the Risk of Cardiac Defects. <i>New England Journal of Medicine</i> , 2014, 370, 2397-2407.  | 13.9 | 296       |

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|----|--|-----|-----------|
| 55 | Patterns of Opioid Utilization in Pregnancy in a Large Cohort of Commercial Insurance Beneficiaries in the United States. <i>Anesthesiology</i> , 2014, 120, 1216-1224.                  | 1.3 | 180       |
| 56 | Reply. <i>Obstetrics and Gynecology</i> , 2014, 124, 638.  | 1.2 | 0         |
| 57 | Algorithms to estimate the beginning of pregnancy in administrative databases. <i>Pharmacoepidemiology and Drug Safety</i> , 2013, 22, 16-24.  | 0.9 | 154       |
| 58 | Risk of Complications After a Peptic Ulcer Diagnosis: Effectiveness of Proton Pump Inhibitors. <i>Digestive Diseases and Sciences</i> , 2013, 58, 1653-1662.                             | 1.1 | 10        |
| 59 | Assessment of Antihistamine Use in Early Pregnancy and Birth Defects. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2013, 1, 666-674.e1.                              | 2.0 | 32        |
| 60 | Use of antidepressants near delivery and risk of postpartum hemorrhage: cohort study of low income women in the United States. <i>BMJ, The</i> , 2013, 347, f4877-f4877.                 | 3.0 | 94        |
| 61 | National trends in antidepressant medication treatment among publicly insured pregnant women. <i>General Hospital Psychiatry</i> , 2013, 35, 265-271.                                    | 1.2 | 135       |
| 62 | Nonsteroidal Antiinflammatory Drugs in Late Pregnancy and Persistent Pulmonary Hypertension of the Newborn. <i>Pediatrics</i> , 2013, 131, 79-87.  | 1.0 | 64        |
| 63 | Use of Decongestants During Pregnancy and the Risk of Birth Defects. <i>American Journal of Epidemiology</i> , 2013, 178, 198-208.   | 1.6 | 59        |
| 64 | Challenges of using primary care electronic medical records in the UK to study medications in pregnancy. <i>Pharmacoepidemiology and Drug Safety</i> , 2013, 22, 977-985.                | 0.9 | 24        |
| 65 | Medications in the first trimester of pregnancy: most common exposures and critical gaps in understanding fetal risk. <i>Pharmacoepidemiology and Drug Safety</i> , 2013, 22, 1013-1018. | 0.9 | 140       |
| 66 | Randomized Trials Analyzed as Observational Studies. <i>Annals of Internal Medicine</i> , 2013, 159, 560-2.  | 2.0 | 125       |
| 67 | Harnessing the Medicaid Analytic eXtract (MAX) to Evaluate Medications in Pregnancy: Design Considerations. <i>PLoS ONE</i> , 2013, 8, e7405.  | 1.1 | 140       |
| 68 | Patterns of Outpatient Antihypertensive Medication Use During Pregnancy in a Medicaid Population. <i>Hypertension</i> , 2012, 60, 913-920.   | 1.3 | 48        |
| 69 | Beyond the intention-to-treat in comparative effectiveness research. <i>Clinical Trials</i> , 2012, 9, 48-55.  | 0.7 | 348       |
| 70 | Use of topiramate in pregnancy and risk of oral clefts. <i>American Journal of Obstetrics and Gynecology</i> , 2012, 207, 405.e1-405.e7.   | 0.7 | 130       |
| 71 | Hypertension in Women of Reproductive Age in the United States: NHANES 1999-2008. <i>PLoS ONE</i> , 2012, 7, e36171.   | 1.1 | 104       |
| 72 | Antibiotics and oral contraceptive failure – a case-crossover study. <i>Contraception</i> , 2011, 83, 418-425.   | 0.8 | 37        |

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|----|--|------|-----------|
| 73 | Name of the Bias and Sex of the Angels. <i>Epidemiology</i> , 2011, 22, 232-233.   | 1.2  | 5         |
| 74 | Is there a direct effect of pre-eclampsia on cerebral palsy not through preterm birth?. <i>Paediatric and Perinatal Epidemiology</i> , 2011, 25, 111-115.                | 0.8  | 46        |
| 75 | Medication use during pregnancy, with particular focus on prescription drugs: 1976-2008. <i>American Journal of Obstetrics and Gynecology</i> , 2011, 205, 51.e1-51.e8.  | 0.7  | 587       |
| 76 | Estimating Absolute Risks in the Presence of Nonadherence. <i>Epidemiology</i> , 2010, 21, 528-539.  | 1.2  | 57        |
| 77 | Selective Serotonin Reuptake Inhibitor Use and Risk of Gestational Hypertension. <i>American Journal of Psychiatry</i> , 2009, 166, 320-328.                             | 4.0  | 89        |
| 78 | Antibiotics potentially used in response to bioterrorism and the risk of major congenital malformations. <i>Paediatric and Perinatal Epidemiology</i> , 2009, 23, 18-28. | 0.8  | 70        |
| 79 | Antidepressant Use During Pregnancy and the Risk of Preterm Delivery and Fetal Growth Restriction. <i>Journal of Clinical Psychopharmacology</i> , 2009, 29, 555-560.    | 0.7  | 70        |
| 80 | From causal diagrams to birth weight-specific curves of infant mortality. <i>European Journal of Epidemiology</i> , 2008, 23, 163-166.                                   | 2.5  | 38        |
| 81 | Positive predictive value of computerized records for major congenital malformations. <i>Pharmacoepidemiology and Drug Safety</i> , 2008, 17, 455-460.                   | 0.9  | 51        |
| 82 | Risk Factors for Persistent Pulmonary Hypertension of the Newborn. <i>Pediatrics</i> , 2007, 120, e272-e282.   | 1.0  | 163       |
| 83 | Toh et al. Respond to "Compromise or Compromising?". <i>American Journal of Epidemiology</i> , 2007, 167, 644-645.   | 1.6  | 1         |
| 84 | First-Trimester Use of Selective Serotonin-Reuptake Inhibitors and the Risk of Birth Defects. <i>New England Journal of Medicine</i> , 2007, 356, 2675-2683.             | 13.9 | 467       |
| 85 | Prescription of medications during pregnancy: accidents, compromises, and uncertainties. <i>Pharmacoepidemiology and Drug Safety</i> , 2006, 15, 613-617.                | 0.9  | 15        |
| 86 | Can folic acid protect against congenital heart defects in down syndrome?. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2006, 76, 714-717.  | 1.6  | 10        |
| 87 | Invited Commentary: Simple Models for a Complicated Reality. <i>American Journal of Epidemiology</i> , 2006, 164, 312-314.   | 1.6  | 8         |
| 88 | The Birth Weight "Paradox" Uncovered?. <i>American Journal of Epidemiology</i> , 2006, 164, 1115-1120.   | 1.6  | 303       |
| 89 | Selective Serotonin-Reuptake Inhibitors and Risk of Persistent Pulmonary Hypertension of the Newborn. <i>New England Journal of Medicine</i> , 2006, 354, 579-587.       | 13.9 | 821       |
| 90 | Major Congenital Malformations after First-Trimester Exposure to ACE Inhibitors. <i>New England Journal of Medicine</i> , 2006, 354, 2443-2451.                          | 13.9 | 1,100     |

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|-----|--|------|-----------|
| 91  | Use of over-the-counter medications during pregnancy. American Journal of Obstetrics and Gynecology, 2005, 193, 771-777.   | 0.7  | 331       |
| 92  | Methylenetetrahydrofolate Reductase Polymorphisms and the Risk of Gestational Hypertension. Epidemiology, 2005, 16, 628-634.                                       | 1.2  | 16        |
| 93  | A Structural Approach to Selection Bias. Epidemiology, 2004, 15, 615-625.  | 1.2  | 2,017     |
| 94  | Case-Crossover and Case-Time-Control Designs in Birth Defects Epidemiology. American Journal of Epidemiology, 2003, 158, 385-391.                                  | 1.6  | 57        |
| 95  | Causal Knowledge as a Prerequisite for Confounding Evaluation: An Application to Birth Defects Epidemiology. American Journal of Epidemiology, 2002, 155, 176-184. | 1.6  | 1,107     |
| 96  | Dietary Folate and the Risk of Nonfatal Myocardial Infarction. Epidemiology, 2002, 13, 700-706.  | 1.2  | 23        |
| 97  | Risk of Gestational Hypertension in Relation to Folic Acid Supplementation during Pregnancy. American Journal of Epidemiology, 2002, 156, 806-812.                 | 1.6  | 76        |
| 98  | Iatrogenic legacy from diethylstilbestrol exposure. Lancet, The, 2002, 359, 1081-1082.   | 6.3  | 24        |
| 99  | Incidence of serious upper gastrointestinal bleeding/perforation in the general population. Journal of Clinical Epidemiology, 2002, 55, 157-163.                   | 2.4  | 131       |
| 100 | Folic Acid Antagonists during Pregnancy and the Risk of Birth Defects. New England Journal of Medicine, 2000, 343, 1608-1614.                                      | 13.9 | 689       |