

Sonia Hernandez-Daz

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.

95
papers

10,561
citations

45
h-index

102
g-index

102
ext. papers

12,454
ext. citations

9.1
avg, IF

6.22
L-index

#	Paper	IF	Citations
95	A structural approach to selection bias. <i>Epidemiology</i> , 2004 , 15, 615-25	3.1	1522
94	Major congenital malformations after first-trimester exposure to ACE inhibitors. <i>New England Journal of Medicine</i> , 2006 , 354, 2443-51	59.2	894
93	Causal knowledge as a prerequisite for confounding evaluation: an application to birth defects epidemiology. <i>American Journal of Epidemiology</i> , 2002 , 155, 176-84	3.8	876
92	Selective serotonin-reuptake inhibitors and risk of persistent pulmonary hypertension of the newborn. <i>New England Journal of Medicine</i> , 2006 , 354, 579-87	59.2	696
91	Folic acid antagonists during pregnancy and the risk of birth defects. <i>New England Journal of Medicine</i> , 2000 , 343, 1608-14	59.2	567
90	Medication use during pregnancy, with particular focus on prescription drugs: 1976-2008. <i>American Journal of Obstetrics and Gynecology</i> , 2011 , 205, 51.e1-8	6.4	441
89	First-trimester use of selective serotonin-reuptake inhibitors and the risk of birth defects. <i>New England Journal of Medicine</i> , 2007 , 356, 2675-83	59.2	408
88	Use of over-the-counter medications during pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2005 , 193, 771-7	6.4	266
87	Beyond the intention-to-treat in comparative effectiveness research. <i>Clinical Trials</i> , 2012 , 9, 48-55	2.2	254
86	The birth weight "paradox" uncovered?. <i>American Journal of Epidemiology</i> , 2006 , 164, 1115-20	3.8	231
85	Increase in prescription opioid use during pregnancy among Medicaid-enrolled women. <i>Obstetrics and Gynecology</i> , 2014 , 123, 997-1002	4.9	227
84	Antidepressant use in pregnancy and the risk of cardiac defects. <i>New England Journal of Medicine</i> , 2014 , 370, 2397-407	59.2	222
83	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	5.7	207
82	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, 2142-51	27.4	145
81	Patterns of opioid utilization in pregnancy in a large cohort of commercial insurance beneficiaries in the United States. <i>Anesthesiology</i> , 2014 , 120, 1216-24	4.3	144
80	Mortality and Morbidity During Delivery Hospitalization Among Pregnant Women With Epilepsy in the United States. <i>JAMA Neurology</i> , 2015 , 72, 981-8	17.2	142
79	Risk factors for persistent pulmonary hypertension of the newborn. <i>Pediatrics</i> , 2007 , 120, e272-82	7.4	138

78	Antipsychotic Use in Pregnancy and the Risk for Congenital Malformations. <i>JAMA Psychiatry</i> , 2016 , 73, 938-46	14.5	135
77	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, 263-70	11.9	129
76	Statins and congenital malformations: cohort study. <i>BMJ, The</i> , 2015 , 350, h1035	5.9	126
75	Lithium Use in Pregnancy and the Risk of Cardiac Malformations. <i>New England Journal of Medicine</i> , 2017 , 376, 2245-2254	59.2	113
74	Algorithms to estimate the beginning of pregnancy in administrative databases. <i>Pharmacoepidemiology and Drug Safety</i> , 2013 , 22, 16-24	2.6	111
73	Incidence of serious upper gastrointestinal bleeding/perforation in the general population: review of epidemiologic studies. <i>Journal of Clinical Epidemiology</i> , 2002 , 55, 157-63	5.7	110
72	National trends in antidepressant medication treatment among publicly insured pregnant women. <i>General Hospital Psychiatry</i> , 2013 , 35, 265-71	5.6	106
71	Exposure to prescription opioid analgesics in utero and risk of neonatal abstinence syndrome: population based cohort study. <i>BMJ, The</i> , 2015 , 350, h2102	5.9	104
70	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, 1013-8	2.6	103
69	Use of topiramate in pregnancy and risk of oral clefts. <i>American Journal of Obstetrics and Gynecology</i> , 2012 , 207, 405.e1-7	6.4	98
68	Harnessing the Medicaid Analytic eXtract (MAX) to Evaluate Medications in Pregnancy: Design Considerations. <i>PLoS ONE</i> , 2013 , 8, e67405	3.7	98
67	Randomized trials analyzed as observational studies. <i>Annals of Internal Medicine</i> , 2013 , 159, 560-2	8	91
66	Hypertension in women of reproductive age in the United States: NHANES 1999-2008. <i>PLoS ONE</i> , 2012 , 7, e36171	3.7	84
65	Selective serotonin reuptake inhibitor use and risk of gestational hypertension. <i>American Journal of Psychiatry</i> , 2009 , 166, 320-8	11.9	79
64	Risk of neonatal drug withdrawal after intrauterine co-exposure to opioids and psychotropic medications: cohort study. <i>BMJ, The</i> , 2017 , 358, j3326	5.9	76
63	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	4.9	69
62	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	5.9	66
61	Validity of maternal and infant outcomes within nationwide Medicaid data. <i>Pharmacoepidemiology and Drug Safety</i> , 2014 , 23, 646-55	2.6	65

60	Risk of gestational hypertension in relation to folic acid supplementation during pregnancy. <i>American Journal of Epidemiology</i> , 2002 , 156, 806-12	3.8	61
59	Association Between Methylphenidate and Amphetamine Use in Pregnancy and Risk of Congenital Malformations: A Cohort Study From the International Pregnancy Safety Study Consortium. <i>JAMA Psychiatry</i> , 2018 , 75, 167-175	14.5	60
58	Late Pregnancy β -Blocker Exposure and Risks of Neonatal Hypoglycemia and Bradycardia. <i>Pediatrics</i> , 2016 , 138,	7.4	58
57	Angiotensin-Converting Enzyme Inhibitors and the Risk of Congenital Malformations. <i>Obstetrics and Gynecology</i> , 2017 , 129, 174-184	4.9	56
56	Antibiotics potentially used in response to bioterrorism and the risk of major congenital malformations. <i>Paediatric and Perinatal Epidemiology</i> , 2009 , 23, 18-28	2.7	55
55	Antidepressant use during pregnancy and the risk of preterm delivery and fetal growth restriction. <i>Journal of Clinical Psychopharmacology</i> , 2009 , 29, 555-60	1.7	54
54	Nonsteroidal antiinflammatory drugs in late pregnancy and persistent pulmonary hypertension of the newborn. <i>Pediatrics</i> , 2013 , 131, 79-87	7.4	51
53	Estimating absolute risks in the presence of nonadherence: an application to a follow-up study with baseline randomization. <i>Epidemiology</i> , 2010 , 21, 528-39	3.1	51
52	Association of Maternal First-Trimester Ondansetron Use With Cardiac Malformations and Oral Clefts in Offspring. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 2429-2437	27.4	51
51	Use of decongestants during pregnancy and the risk of birth defects. <i>American Journal of Epidemiology</i> , 2013 , 178, 198-208	3.8	46
50	Case-crossover and case-time-control designs in birth defects epidemiology. <i>American Journal of Epidemiology</i> , 2003 , 158, 385-91	3.8	45
49	β -Blocker Use in Pregnancy and the Risk for Congenital Malformations: An International Cohort Study. <i>Annals of Internal Medicine</i> , 2018 , 169, 665-673	8	43
48	Positive predictive value of computerized records for major congenital malformations. <i>Pharmacoepidemiology and Drug Safety</i> , 2008 , 17, 455-60	2.6	42
47	Continuation of Atypical Antipsychotic Medication During Early Pregnancy and the Risk of Gestational Diabetes. <i>American Journal of Psychiatry</i> , 2018 , 175, 564-574	11.9	41
46	Patterns of outpatient antihypertensive medication use during pregnancy in a Medicaid population. <i>Hypertension</i> , 2012 , 60, 913-20	8.5	41
45	Chronic hypertension in pregnancy and the risk of congenital malformations: a cohort study. <i>American Journal of Obstetrics and Gynecology</i> , 2015 , 212, 337.e1-14	6.4	40
44	Is there a direct effect of pre-eclampsia on cerebral palsy not through preterm birth?. <i>Paediatric and Perinatal Epidemiology</i> , 2011 , 25, 111-5	2.7	40
43	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, 335-42	2.6	34

42	Good practices for the design, analysis, and interpretation of observational studies on birth spacing and perinatal health outcomes. <i>Paediatric and Perinatal Epidemiology</i> , 2019 , 33, O15-O24	2.7	33
41	Placental Complications Associated With Psychostimulant Use in Pregnancy. <i>Obstetrics and Gynecology</i> , 2017 , 130, 1192-1201	4.9	32
40	From causal diagrams to birth weight-specific curves of infant mortality. <i>European Journal of Epidemiology</i> , 2008 , 23, 163-6	12.1	32
39	Antibiotics and oral contraceptive failure - a case-crossover study. <i>Contraception</i> , 2011 , 83, 418-25	2.5	30
38	Invited commentary: composite outcomes as an attempt to escape from selection bias and related paradoxes. <i>American Journal of Epidemiology</i> , 2014 , 179, 368-70	3.8	27
37	Use of real-world evidence from healthcare utilization data to evaluate drug safety during pregnancy. <i>Pharmacoepidemiology and Drug Safety</i> , 2019 , 28, 906-922	2.6	26
36	Alteration of bioelectrically-controlled processes in the embryo: a teratogenic mechanism for anticonvulsants. <i>Reproductive Toxicology</i> , 2014 , 47, 111-4	3.4	26
35	Assessment of antihistamine use in early pregnancy and birth defects. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2013 , 1, 666-74.e1	5.4	24
34	Methodological considerations in assessing the effectiveness of antidepressant medication continuation during pregnancy using administrative data. <i>Pharmacoepidemiology and Drug Safety</i> , 2015 , 24, 934-42	2.6	22
33	Dietary folate and the risk of nonfatal myocardial infarction. <i>Epidemiology</i> , 2002 , 13, 700-6	3.1	22
32	Prenatal Treatment and Outcomes of Women With Opioid Use Disorder. <i>Obstetrics and Gynecology</i> , 2018 , 132, 916-922	4.9	21
31	Antidepressant use in pregnancy and the risk of cardiac defects. <i>New England Journal of Medicine</i> , 2014 , 371, 1168-9	59.2	20
30	Challenges of using primary care electronic medical records in the UK to study medications in pregnancy. <i>Pharmacoepidemiology and Drug Safety</i> , 2013 , 22, 977-85	2.6	19
29	First trimester exposure to antiretroviral therapy and risk of birth defects. <i>Pediatric Infectious Disease Journal</i> , 2014 , 33, 741-6	3.4	18
28	Iatrogenic legacy from diethylstilbestrol exposure. <i>Lancet, The</i> , 2002 , 359, 1081-2	4.0	17
27	Patients and investigators prefer measures of absolute risk in subgroups for pragmatic randomized trials. <i>Journal of Clinical Epidemiology</i> , 2018 , 103, 10-21	5.7	16
26	Maternal and fetal outcomes following exposure to duloxetine in pregnancy: cohort study. <i>BMJ, The</i> , 2020 , 368, m237	5.9	14
25	Methylenetetrahydrofolate reductase polymorphisms and the risk of gestational hypertension. <i>Epidemiology</i> , 2005 , 16, 628-34	3.1	14

24	Risk of Major Malformations in Infants Following First-Trimester Exposure to Quetiapine. <i>American Journal of Psychiatry</i> , 2018 , 175, 1225-1231	11.9	11
23	Prescription of medications during pregnancy: accidents, compromises, and uncertainties. <i>Pharmacoepidemiology and Drug Safety</i> , 2006 , 15, 613-7	2.6	11
22	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
21	Calcium Channel Blocker Exposure in Late Pregnancy and the Risk of Neonatal Seizures. <i>Obstetrics and Gynecology</i> , 2015 , 126, 271-278	4.9	10
20	Can folic acid protect against congenital heart defects in Down syndrome?. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2006 , 76, 714-7		10
19	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	11.6	10
18	Oral fluconazole use in the first trimester and risk of congenital malformations: population based cohort study. <i>BMJ, The</i> , 2020 , 369, m1494	5.9	9
17	Zidovudine use in pregnancy and congenital malformations. <i>Aids</i> , 2017 , 31, 1733-1743	3.5	8
16	Risk of complications after a peptic ulcer diagnosis: effectiveness of proton pump inhibitors. <i>Digestive Diseases and Sciences</i> , 2013 , 58, 1653-62	4	8
15	Association of first trimester prescription opioid use with congenital malformations in the offspring: population based cohort study. <i>BMJ, The</i> , 2021 , 372, n102	5.9	8
14	Invited commentary: simple models for a complicated reality. <i>American Journal of Epidemiology</i> , 2006 , 164, 312-4; discussion 315-6	3.8	7
13	The Effect of Prenatal Treatments on Offspring Events in the Presence of Competing Events: An Application to a Randomized Trial of Fertility Therapies. <i>Epidemiology</i> , 2020 , 31, 636-643	3.1	6
12	Effects of analgesics on bone mineral density: A longitudinal analysis of the prospective SWAN cohort with three-group matching weights. <i>Pharmacoepidemiology and Drug Safety</i> , 2018 , 27, 182-190	2.6	6
11	The Impact of Technology on the Diagnosis of Congenital Malformations. <i>American Journal of Epidemiology</i> , 2019 , 188, 1892-1901	3.8	4
10	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	2.6	3
9	Polypharmacy and comorbidities during pregnancy in a cohort of women with migraine. <i>Cephalalgia</i> , 2021 , 41, 392-403	6.1	3
8	Chronic prescription opioid use in pregnancy in the United States. <i>Pharmacoepidemiology and Drug Safety</i> , 2021 , 30, 504-513	2.6	3
7	Toh et al. Respond to Compromise or Compromising? <i>American Journal of Epidemiology</i> , 2007 , 167, 644-645	3.8	1

6	Validity of claims-based algorithms to identify neurodevelopmental disorders in children. <i>Pharmacoepidemiology and Drug Safety</i> , 2021 , 30, 1635-1642	2.6	1
5	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	2.6	1
4	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	4.5	0
3	Research on the Effects of Medications in Pregnancy and in Children 2019 , 524-560		0
2	In Reply: Cho et al. <i>Obstetrics and Gynecology</i> , 2014 , 124, 638	4.9	
1	Special Applications of Pharmacoepidemiology 2021 , 387-463		