

Mark A Canfield

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

5,159
citations

172457

29
h-index

91884

69
g-index

83
all docs

83
docs citations

83
times ranked

5483
citing authors

#	ARTICLE	IF	CITATIONS
1	Updated national birth prevalence estimates for selected birth defects in the United States, 2004–2006. Birth Defects Research Part A: Clinical and Molecular Teratology, 2010, 88, 1008-1016.	1.6	1,503
2	National estimates and race/ethnicity-specific variation of selected birth defects in the United States, 1999–2001. Birth Defects Research Part A: Clinical and Molecular Teratology, 2006, 76, 747-756.	1.6	547
3	National population-based estimates for major birth defects, 2010–2014. Birth Defects Research, 2019, 111, 1420-1435.	1.5	505
4	Prepregnancy Obesity as a Risk Factor for Structural Birth Defects. JAMA Pediatrics, 2007, 161, 745.	3.0	402
5	Changes in the birth prevalence of selected birth defects after grain fortification with folic acid in the United States: Findings from a multi-state population-based study. Birth Defects Research Part A: Clinical and Molecular Teratology, 2005, 73, 679-689.	1.6	186
6	Survival of children with trisomy 13 and trisomy 18: A multi-state population-based study. American Journal of Medical Genetics, Part A, 2016, 170, 825-837.	1.2	150
7	Residential mobility patterns and exposure misclassification in epidemiologic studies of birth defects. Journal of Exposure Science and Environmental Epidemiology, 2006, 16, 538-543.	3.9	124
8	Association Between Birth Defects and Cancer Risk Among Children and Adolescents in a Population-Based Assessment of 10 Million Live Births. JAMA Oncology, 2019, 5, 1150.	7.1	87
9	Epidemiologic features and clinical subgroups of anotia/microtia in Texas. Birth Defects Research Part A: Clinical and Molecular Teratology, 2009, 85, 905-913.	1.6	85
10	Patterns of first-year survival among infants with selected congenital anomalies in Texas, 1995-1997. Teratology, 2001, 64, 267-275.	1.6	84
11	Hypospadias Prevalence and Trends in International Birth Defect Surveillance Systems, 1980–2010. European Urology, 2019, 76, 482-490.	1.9	74
12	Population-based birth defects data in the United States, 2008 to 2012: Presentation of state-specific data and descriptive brief on variability of prevalence. Birth Defects Research Part A: Clinical and Molecular Teratology, 2015, 103, 972-993.	1.6	73
13	Population-based birth defects data in the United States, 2010–2014: A focus on gastrointestinal defects. Birth Defects Research, 2017, 109, 1504-1514.	1.5	69
14	The risk of birth defects with conception by ART. Human Reproduction, 2021, 36, 116-129.	0.9	69
15	Anencephaly and spina bifida among Hispanics: Maternal, sociodemographic, and acculturation factors in the National Birth Defects Prevention Study. Birth Defects Research Part A: Clinical and Molecular Teratology, 2009, 85, 637-646.	1.6	66
16	Population-based birth defects data in the United States, 2012–2016: A focus on abdominal wall defects. Birth Defects Research, 2019, 111, 1436-1447.	1.5	60
17	Trisomy 13 and 18—Prevalence and mortality—A multi-registry population based analysis. American Journal of Medical Genetics, Part A, 2019, 179, 2382-2392.	1.2	59
18	Neural tube defects and maternal intake of micronutrients related to one-carbon metabolism or antioxidant activity. Birth Defects Research Part A: Clinical and Molecular Teratology, 2012, 94, 864-874.	1.6	53

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19	Prevalence and mortality in children with congenital diaphragmatic hernia: a multicountry study. <i>Annals of Epidemiology</i> , 2021, 56, 61-69.e3.	1.9	52
20	Associations between maternal periconceptional exposure to secondhand tobacco smoke and major birth defects. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 215, 613.e1-613.e11.	1.3	51
21	Prevalence trends of selected major birth defects: A multi-state population-based retrospective study, United States, 1999 to 2007. <i>Birth Defects Research</i> , 2017, 109, 1442-1450.	1.5	45
22	Age at Referral and Mortality From Critical Congenital Heart Disease. <i>Pediatrics</i> , 2014, 134, e98-e105.	2.1	42
23	Maternal exposure to ozone and PM2.5 and the prevalence of orofacial clefts in four U.S. states. <i>Environmental Research</i> , 2017, 153, 35-40.	7.5	42
24	Maltreatment of Children Under Age 2 With Specific Birth Defects: A Population-Based Study. <i>Pediatrics</i> , 2015, 136, e1504-e1512.	2.1	40
25	The prevalence and predictors of anencephaly and spina bifida in Texas. <i>Paediatric and Perinatal Epidemiology</i> , 2009, 23, 41-50.	1.7	39
26	Maternal report of fever from cold or flu during early pregnancy and the risk for noncardiac birth defects, National Birth Defects Prevention Study, 1997-2011. <i>Birth Defects Research</i> , 2018, 110, 342-351.	1.5	38
27	Impact of including elective pregnancy terminations before 20 weeks gestation on birth defect rates. <i>Teratology</i> , 2002, 66, S32-S35.	1.6	36
28	A population-based analysis of mortality in patients with Turner syndrome and hypoplastic left heart syndrome using the Texas Birth Defects Registry. <i>Congenital Heart Disease</i> , 2017, 12, 105-112.	0.2	32
29	Folic acid awareness and supplementation among Texas women of childbearing age. <i>Preventive Medicine</i> , 2006, 43, 27-30.	3.4	30
30	Development and implementation of the first national data quality standards for population-based birth defects surveillance programs in the United States. <i>BMC Public Health</i> , 2015, 15, 925.	2.9	27
31	Role of maternal occupational physical activity and psychosocial stressors on adverse birth outcomes. <i>Occupational and Environmental Medicine</i> , 2017, 74, 192-199.	2.8	25
32	Population-based birth defects data in the United States, 2011-2015: A focus on eye and ear defects. <i>Birth Defects Research</i> , 2018, 110, 1478-1486.	1.5	25
33	Proportion of Orofacial Clefts Attributable to Recognized Risk Factors. <i>Cleft Palate-Craniofacial Journal</i> , 2019, 56, 151-158.	0.9	24
34	Analysis of Mortality among Neonates and Children with Spina Bifida: An International Registry-Based Study, 2001-2012. <i>Paediatric and Perinatal Epidemiology</i> , 2019, 33, 436-448.	1.7	23
35	Prevalence and descriptive epidemiology of infantile hypertrophic pyloric stenosis in the United States: A multistate, population-based retrospective study, 1999-2010. <i>Birth Defects Research</i> , 2019, 111, 159-169.	1.5	22
36	First-time maltreatment in children ages 2-10 with and without specific birth defects: A population-based study. <i>Child Abuse and Neglect</i> , 2018, 84, 53-63.	2.6	18

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37	Assessment of Birth Defects and Cancer Risk in Children Conceived via In Vitro Fertilization in the US. JAMA Network Open, 2020, 3, e2022927.	5.9	18
38	Does Maternal Exposure to Secondhand Tobacco Smoke During Pregnancy Increase the Risk for Preterm or Small-for-Gestational Age Birth?. Maternal and Child Health Journal, 2018, 22, 1418-1429.	1.5	17
39	Sociodemographic, health behavioral, and clinical risk factors for anotia/microtia in a population-based case-control study. International Journal of Pediatric Otorhinolaryngology, 2019, 122, 18-26.	1.0	17
40	Racial disparities in heterotaxy syndrome. Birth Defects Research Part A: Clinical and Molecular Teratology, 2015, 103, 941-950.	1.6	16
41	Birth defect survival for hispanic subgroups. Birth Defects Research, 2018, 110, 352-363.	1.5	14
42	A multi-country study of prevalence and early childhood mortality among children with omphalocele. Birth Defects Research, 2020, 112, 1787-1801.	1.5	14
43	Hospitalization charges for children with birth defects in Texas, 2001 to 2010. Birth Defects Research Part A: Clinical and Molecular Teratology, 2016, 106, 155-163.	1.6	13
44	Maternal exposures in the National Birth Defects Prevention Study: Time trends of selected exposures. Birth Defects Research Part A: Clinical and Molecular Teratology, 2015, 103, 703-712.	1.6	12
45	Prenatal diagnosis, hospital characteristics, and mortality in transposition of the great arteries. Birth Defects Research Part A: Clinical and Molecular Teratology, 2016, 106, 739-748.	1.6	12
46	Co-occurring defect analysis: A platform for analyzing birth defect co-occurrence in registries. Birth Defects Research, 2019, 111, 1356-1364.	1.5	12
47	Prevalence of selected birth defects by maternal nativity status, United States, 1999-2007. Birth Defects Research, 2019, 111, 630-639.	1.5	12
48	Prevalence and descriptive epidemiology of microcephaly in Texas, 2008-2012. Birth Defects Research, 2018, 110, 395-405.	1.5	11
49	Interpregnancy change in body mass index and infant outcomes in Texas: a population-based study. BMC Pregnancy and Childbirth, 2019, 19, 119.	2.4	11
50	Importance of including all pregnancy outcomes to reduce bias in epidemiologic studies of neural tube defects-Texas, 1999 to 2005. Birth Defects Research Part A: Clinical and Molecular Teratology, 2011, 91, 185-191.	1.6	10
51	Maternal hypertension and risk for hypospadias in offspring. American Journal of Medical Genetics, Part A, 2016, 170, 3125-3132.	1.2	9
52	The prevalence of birth defects among non-Hispanic Asian/Pacific Islanders and American Indians/Alaska Natives in Texas, 1999-2015. Birth Defects Research, 2019, 111, 1380-1388.	1.5	9
53	Birth defects that co-occur with non-syndromic gastroschisis and omphalocele. American Journal of Medical Genetics, Part A, 2020, 182, 2581-2593.	1.2	9
54	Urban-rural residence and birth defects prevalence in Texas: a phenome-wide association study. Pediatric Research, 2022, 91, 1587-1594.	2.3	9

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55	The Epidemiology of Biliary Atresia: Exploring the Role of Developmental Factors on Birth Prevalence. <i>Journal of Pediatrics</i> , 2022, 246, 89-94.e2.	1.8	9
56	Data linkage between the national birth defects prevention study and the occupational information network (O*NET) to assess workplace physical activity, sedentary behaviors, and emotional stressors during pregnancy. <i>American Journal of Industrial Medicine</i> , 2016, 59, 137-149.	2.1	8
57	Survival of infants with spina bifida and the role of maternal prepregnancy body mass index. <i>Birth Defects Research</i> , 2019, 111, 1205-1216.	1.5	8
58	The association between newborn screening analytes and childhood autism in a Texas Medicaid population, 2010–2012. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2019, 180, 291-304.	1.7	8
59	Selected acculturation factors and birth defects in the National Birth Defects Prevention Study, 1997–2011. <i>Birth Defects Research</i> , 2019, 111, 598-612.	1.5	8
60	Survival of infants born with esophageal atresia among 24 international birth defects surveillance programs. <i>Birth Defects Research</i> , 2021, 113, 945-957.	1.5	8
61	Birth defect co-occurrence patterns in the Texas Birth Defects Registry. <i>Pediatric Research</i> , 2022, 91, 1278-1285.	2.3	8
62	Risk factors and time trends for isolated craniosynostosis. <i>Birth Defects Research</i> , 2021, 113, 43-54.	1.5	7
63	Birth Defect Co-Occurrence Patterns Among Infants With Cleft Lip and/or Palate. <i>Cleft Palate-Craniofacial Journal</i> , 2022, 59, 417-426.	0.9	7
64	Association of interpregnancy change in body mass index and spina bifida. <i>Birth Defects Research</i> , 2019, 111, 1389-1398.	1.5	6
65	Risks of nonchromosomal birth defects, small-for-gestational age birthweight, and prematurity with in vitro fertilization: effect of number of embryos transferred and plurality at conception versus at birth. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 835-846.	2.5	6
66	Change in prepregnancy body mass index and gastroschisis. <i>Annals of Epidemiology</i> , 2020, 41, 21-27.	1.9	5
67	Evaluating the proportion of isolated cases among a spectrum of birth defects in a population-based registry. <i>Birth Defects Research</i> , 2023, 115, 21-25.	1.5	5
68	Third grade academic achievement among children conceived with the use of in vitro fertilization: a population-based study in Texas. <i>Fertility and Sterility</i> , 2020, 113, 1242-1250.e4.	1.0	4
69	Maternal Hypertension-Related Genotypes and Congenital Heart Defects. <i>American Journal of Hypertension</i> , 2021, 34, 82-91.	2.0	4
70	Patterns of co-occurring birth defects among infants with hypospadias. <i>Journal of Pediatric Urology</i> , 2021, 17, 64.e1-64.e8.	1.1	4
71	Causes of neonatal and postneonatal death among infants with birth defects in Texas. <i>Birth Defects Research</i> , 2021, 113, 665-675.	1.5	4
72	A Comprehensive Assessment of Co-occurring Birth Defects among Infants with Non-Syndromic Anophthalmia or Microphthalmia. <i>Ophthalmic Epidemiology</i> , 2021, 28, 428-435.	1.7	4

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73	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.	2.9	3
74	Fish consumption prior to pregnancy and pregnancy outcomes in the National Birth Defects Prevention Study, 1997–2011. <i>Public Health Nutrition</i> , 2019, 22, 336-343.	2.2	2
75	Acculturation and selected birth defects among non-Hispanic Blacks in a population-based case-control study. <i>Birth Defects Research</i> , 2020, 112, 535-554.	1.5	2
76	Patterns of congenital anomalies among individuals with trisomy 13 in Texas. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 1787-1793.	1.2	2
77	Sixth grade academic achievement among children conceived with IVF: a population-based study in Texas, USA. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 1481-1492.	2.5	2
78	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.	1.2	1
79	The association between newborn screening analytes as measured on a second screen and childhood autism in a Texas Medicaid population. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2020, 183, 331-340.	1.7	1
80	Association between maternal smoking and survival among infants with trisomy 21. <i>Birth Defects Research</i> , 2022, 114, 249-258.	1.5	0
81	A Multicountry Analysis of Prevalence and Mortality among Neonates and Children with Bladder Exstrophy. <i>American Journal of Perinatology</i> , 0, , .	1.4	0