

# Mark A Canfield

## List of Publications by Year in descending order

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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	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
2	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
3	Birth defect co-occurrence patterns in the Texas Birth Defects Registry. <i>Pediatric Research</i> , 2022, 91, 1278-1285.	2.3	8
4	Urban-rural residence and birth defects prevalence in Texas: a phenome-wide association study. <i>Pediatric Research</i> , 2022, 91, 1587-1594.	2.3	9
5	Association between maternal smoking and survival among infants with trisomy 21. <i>Birth Defects Research</i> , 2022, 114, 249-258.	1.5	0
6	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
7	The risk of birth defects with conception by ART. <i>Human Reproduction</i> , 2021, 36, 116-129.	0.9	69
8	Maternal Hypertension-Related Genotypes and Congenital Heart Defects. <i>American Journal of Hypertension</i> , 2021, 34, 82-91.	2.0	4
9	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
10	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
11	Risk factors and time trends for isolated craniosynostosis. <i>Birth Defects Research</i> , 2021, 113, 43-54.	1.5	7
12	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
13	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
14	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
15	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
16	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
17	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
18	Change in prepregnancy body mass index and gastroschisis. <i>Annals of Epidemiology</i> , 2020, 41, 21-27.	1.9	5

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19	A multi-country study of prevalence and early childhood mortality among children with omphalocele. <i>Birth Defects Research</i> , 2020, 112, 1787-1801.	1.5	14
20	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
21	Assessment of Birth Defects and Cancer Risk in Children Conceived via In Vitro Fertilization in the US. <i>JAMA Network Open</i> , 2020, 3, e2022927.	5.9	18
22	Birth defects that co-occur with non-syndromic gastroschisis and omphalocele. <i>American Journal of Medical Genetics, Part A</i> , 2020, 182, 2581-2593.	1.2	9
23	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
24	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
25	Proportion of Orofacial Clefts Attributable to Recognized Risk Factors. <i>Cleft Palate-Craniofacial Journal</i> , 2019, 56, 151-158.	0.9	24
26	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
27	Hypospadias Prevalence and Trends in International Birth Defect Surveillance Systems, 1980-2010. <i>European Urology</i> , 2019, 76, 482-490.	1.9	74
28	The prevalence of birth defects among non-Hispanic Asian/Pacific Islanders and American Indians/Alaska Natives in Texas, 1999-2015. <i>Birth Defects Research</i> , 2019, 111, 1380-1388.	1.5	9
29	Association of interpregnancy change in body mass index and spina bifida. <i>Birth Defects Research</i> , 2019, 111, 1389-1398.	1.5	6
30	Co-occurring defect analysis: A platform for analyzing birth defect co-occurrence in registries. <i>Birth Defects Research</i> , 2019, 111, 1356-1364.	1.5	12
31	National population-based estimates for major birth defects, 2010-2014. <i>Birth Defects Research</i> , 2019, 111, 1420-1435.	1.5	505
32	Population-based birth defects data in the United States, 2012-2016: A focus on abdominal wall defects. <i>Birth Defects Research</i> , 2019, 111, 1436-1447.	1.5	60
33	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
34	Trisomy 13 and 18-Prevalence and mortality-A multi-registry population based analysis. <i>American Journal of Medical Genetics, Part A</i> , 2019, 179, 2382-2392.	1.2	59
35	Interpregnancy change in body mass index and infant outcomes in Texas: a population-based study. <i>BMC Pregnancy and Childbirth</i> , 2019, 19, 119.	2.4	11
36	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

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37	Association Between Birth Defects and Cancer Risk Among Children and Adolescents in a Population-Based Assessment of 10 Million Live Births. <i>JAMA Oncology</i> , 2019, 5, 1150.	7.1	87
38	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
39	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
40	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.	1.0	17
41	Maternal genetic markers for risk of celiac disease and their potential association with neural tube defects in offspring. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2019, 7, e688.	1.2	1
42	Prevalence of selected birth defects by maternal nativity status, United States, 1999–2007. <i>Birth Defects Research</i> , 2019, 111, 630-639.	1.5	12
43	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
44	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
45	Does Maternal Exposure to Secondhand Tobacco Smoke During Pregnancy Increase the Risk for Preterm or Small-for-Gestational Age Birth?. <i>Maternal and Child Health Journal</i> , 2018, 22, 1418-1429.	1.5	17
46	Pre-Zika descriptive epidemiology of microcephaly in Texas, 2008–2012. <i>Birth Defects Research</i> , 2018, 110, 395-405.	1.5	11
47	Birth defect survival for hispanic subgroups. <i>Birth Defects Research</i> , 2018, 110, 352-363.	1.5	14
48	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
49	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
50	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
51	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
52	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
53	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
54	Population-based birth defects data in the United States, 2010–2014: A focus on gastrointestinal defects. <i>Birth Defects Research</i> , 2017, 109, 1504-1514.	1.5	69

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55	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
56	Prenatal diagnosis, hospital characteristics, and mortality in transposition of the great arteries. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2016, 106, 739-748.	1.6	12
57	Hospitalization charges for children with birth defects in Texas, 2001 to 2010. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2016, 106, 155-163.	1.6	13
58	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
59	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
60	Survival of children with trisomy 13 and trisomy 18: A multi-state population-based study. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 825-837.	1.2	150
61	Maternal hypertension and risk for hypospadias in offspring. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 3125-3132.	1.2	9
62	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
63	Racial disparities in heterotaxy syndrome. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2015, 103, 941-950.	1.6	16
64	Maternal exposures in the National Birth Defects Prevention Study: Time trends of selected exposures. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2015, 103, 703-712.	1.6	12
65	Population-based birth defects data in the United States, 2008 to 2012: Presentation of state-specific data and descriptive brief on variability of prevalence. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2015, 103, 972-993.	1.6	73
66	Maltreatment of Children Under Age 2 With Specific Birth Defects: A Population-Based Study. <i>Pediatrics</i> , 2015, 136, e1504-e1512.	2.1	40
67	Age at Referral and Mortality From Critical Congenital Heart Disease. <i>Pediatrics</i> , 2014, 134, e98-e105.	2.1	42
68	Neural tube defects and maternal intake of micronutrients related to one-carbon metabolism or antioxidant activity. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2012, 94, 864-874.	1.6	53
69	Importance of including all pregnancy outcomes to reduce bias in epidemiologic studies of neural tube defects—Texas, 1999 to 2005. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2011, 91, 185-191.	1.6	10
70	Updated national birth prevalence estimates for selected birth defects in the United States, 2004–2006. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2010, 88, 1008-1016.	1.6	1,503
71	Anencephaly and spina bifida among Hispanics: Maternal, sociodemographic, and acculturation factors in the National Birth Defects Prevention Study. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2009, 85, 637-646.	1.6	66
72	Epidemiologic features and clinical subgroups of anotia/microtia in Texas. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2009, 85, 905-913.	1.6	85

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73	The prevalence and predictors of anencephaly and spina bifida in Texas. Paediatric and Perinatal Epidemiology, 2009, 23, 41-50.	1.7	39
74	Prepregnancy Obesity as a Risk Factor for Structural Birth Defects. JAMA Pediatrics, 2007, 161, 745.	3.0	402
75	Folic acid awareness and supplementation among Texas women of childbearing age. Preventive Medicine, 2006, 43, 27-30.	3.4	30
76	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
77	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
78	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
79	Impact of including elective pregnancy terminations before 20 weeks gestation on birth defect rates. Teratology, 2002, 66, S32-S35.	1.6	36
80	Patterns of first-year survival among infants with selected congenital anomalies in Texas, 1995-1997. Teratology, 2001, 64, 267-275.	1.6	84
81	A Multicountry Analysis of Prevalence and Mortality among Neonates and Children with Bladder Exstrophy. American Journal of Perinatology, 0, , .	1.4	0