

Laura E Mitchell

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.

93
papers

2,850
citations

22
h-index

52
g-index

98
ext. papers

3,369
ext. citations

4.6
avg, IF

4.84
L-index

#	Paper	IF	Citations
93	Gene-Interaction-Sensitive enrichment analysis in congenital heart disease.. <i>BioData Mining</i> , 2022 , 15, 4	4.3	
92	Maternal effect genes: Update and review of evidence for a link with birth defects.. <i>Human Genetics and Genomics Advances</i> , 2022 , 3, 100067	0.8	3
91	Maternal effect genes as risk factors for congenital heart defects.. <i>Human Genetics and Genomics Advances</i> , 2022 , 3, 100098	0.8	0
90	A Comprehensive Assessment of Co-occurring Birth Defects among Infants with Non-Syndromic Anophthalmia or Microphthalmia. <i>Ophthalmic Epidemiology</i> , 2021 , 28, 428-435	1.9	0
89	Patterns of congenital anomalies among individuals with trisomy 13 in Texas. <i>American Journal of Medical Genetics, Part A</i> , 2021 , 185, 1787-1793	2.5	0
88	Severe maternal morbidity at delivery and postpartum readmission in the United States. <i>Paediatric and Perinatal Epidemiology</i> , 2021 , 35, 627-634	2.7	1
87	Birth Defect Co-Occurrence Patterns Among Infants With Cleft Lip and/or Palate. <i>Cleft Palate-Craniofacial Journal</i> , 2021 , 10556656211010060	1.9	1
86	Common Variation in Cytoskeletal Genes is Associated with Conotruncal Heart Defects. <i>Genes</i> , 2021 , 12,	4.2	1
85	Maternal Hypertension-Related Genotypes and Congenital Heart Defects. <i>American Journal of Hypertension</i> , 2021 , 34, 82-91	2.3	1
84	Patterns of co-occurring birth defects among infants with hypospadias. <i>Journal of Pediatric Urology</i> , 2021 , 17, 64.e1-64.e8	1.5	1
83	Work-Related Asthma Among Certified Nurse Aides in Texas. <i>Workplace Health and Safety</i> , 2020 , 68, 491-500	2	5
82	Gene-based analyses of the maternal genome implicate maternal effect genes as risk factors for conotruncal heart defects. <i>PLoS ONE</i> , 2020 , 15, e0234357	3.7	5
81	Change in prepregnancy body mass index and gastroschisis. <i>Annals of Epidemiology</i> , 2020 , 41, 21-27	6.4	3
80	Complete Sequence of the 22q11.2 Allele in 1,053 Subjects with 22q11.2 Deletion Syndrome Reveals Modifiers of Conotruncal Heart Defects. <i>American Journal of Human Genetics</i> , 2020 , 106, 26-40	11	24
79	X-chromosome association studies of congenital heart defects. <i>American Journal of Medical Genetics, Part A</i> , 2020 , 182, 250-254	2.5	0
78	Birth defects that co-occur with non-syndromic gastroschisis and omphalocele. <i>American Journal of Medical Genetics, Part A</i> , 2020 , 182, 2581-2593	2.5	4
77	Gene-based analyses of the maternal genome implicate maternal effect genes as risk factors for conotruncal heart defects 2020 , 15, e0234357		

76	Gene-based analyses of the maternal genome implicate maternal effect genes as risk factors for conotruncal heart defects 2020 , 15, e0234357		
75	Gene-based analyses of the maternal genome implicate maternal effect genes as risk factors for conotruncal heart defects 2020 , 15, e0234357		
74	Gene-based analyses of the maternal genome implicate maternal effect genes as risk factors for conotruncal heart defects 2020 , 15, e0234357		
73	Interpregnancy change in body mass index and infant outcomes in Texas: a population-based study. <i>BMC Pregnancy and Childbirth</i> , 2019 , 19, 119	3.2	8
72	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
71	The association of elevated maternal genetic risk scores for hypertension, type 2 diabetes and obesity and having a child with a congenital heart defect. <i>PLoS ONE</i> , 2019 , 14, e0216477	3.7	4
70	Mode of delivery and mortality among neonates with gastroschisis: A population-based cohort in Texas. <i>Paediatric and Perinatal Epidemiology</i> , 2019 , 33, 204-212	2.7	8
69	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
68	Genetic variants of HIF1 α are associated with right ventricular fibrotic load in repaired tetralogy of Fallot patients: a cardiovascular magnetic resonance study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019 , 21, 51	6.9	3
67	Gene-based genome-wide association studies and meta-analyses of conotruncal heart defects. <i>PLoS ONE</i> , 2019 , 14, e0219926	3.7	5
66	Association of interpregnancy change in body mass index and spina bifida. <i>Birth Defects Research</i> , 2019 , 111, 1389-1398	2.9	3
65	Co-occurring defect analysis: A platform for analyzing birth defect co-occurrence in registries. <i>Birth Defects Research</i> , 2019 , 111, 1356-1364	2.9	7
64	Genome-wide association studies of structural birth defects: A review and commentary. <i>Birth Defects Research</i> , 2019 , 111, 1329-1342	2.9	17
63	Mortality by mode of delivery among infants with spina bifida in Texas. <i>Birth Defects Research</i> , 2019 , 111, 1543-1550	2.9	2
62	The TFAP2A-IRF6-GRHL3 genetic pathway is conserved in neurulation. <i>Human Molecular Genetics</i> , 2019 , 28, 1726-1737	5.6	17
61	Microcephaly inpatient hospitalization and potential Zika outbreak in Texas: A cost and predicted economic burden analysis. <i>Travel Medicine and Infectious Disease</i> , 2019 , 30, 67-72	8.4	2
60	Maternal occupation and the risk of neural tube defects in offspring. <i>Archives of Environmental and Occupational Health</i> , 2018 , 73, 304-312	2	
59	Maternal Use of Weight Loss Products and the Risk of Neural Tube Defects in Offspring: A Systematic Literature Review. <i>Birth Defects Research</i> , 2018 , 110, 48-55	2.9	5

58	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
57	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	4.3	10
56	The Congenital Heart Disease Genetic Network Study: Cohort description. <i>PLoS ONE</i> , 2018 , 13, e0191319	3.7	43
55	Bariatric surgery and birth defects: A systematic literature review. <i>Paediatric and Perinatal Epidemiology</i> , 2018 , 32, 533-544	2.7	7
54	White paper on the study of birth defects. <i>Birth Defects Research</i> , 2017 , 109, 180-185	2.9	13
53	Folic Acid for the Prevention of Neural Tube Defects: The US Preventive Services Task Force Statement on Folic Acid Supplementation in the Era of Mandatory Folic Acid Fortification. <i>JAMA Pediatrics</i> , 2017 , 171, 217-218	8.3	5
52	Genome-Wide Association Studies and Meta-Analyses for Congenital Heart Defects. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10, e001449		22
51	An opportunity to address the genetic causes of birth defects. <i>Pediatric Research</i> , 2017 , 81, 282-285	3.2	6
50	Genome-Wide Association Study to Find Modifiers for Tetralogy of Fallot in the 22q11.2 Deletion Syndrome Identifies Variants in the Locus on 5q14.3. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		14
49	Genetic epidemiology of neural tube defects. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2017 , 10, 189-194	1.4	11
48	Differences in environmental exposure assignment due to residential mobility among children with a central nervous system tumor: Texas, 1995-2009. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2017 , 27, 41-46	6.7	11
47	Estimated Maternal Pesticide Exposure from Drinking Water and Heart Defects in Offspring. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	9
46	Maternal hypertension and risk for hypospadias in offspring. <i>American Journal of Medical Genetics, Part A</i> , 2016 , 170, 3125-3132	2.5	7
45	Maternal residential proximity to major roadways at delivery and childhood central nervous system tumors. <i>Environmental Research</i> , 2016 , 146, 315-22	7.9	10
44	Exploratory analysis of ERCC2 DNA methylation in survival among pediatric medulloblastoma patients. <i>Cancer Epidemiology</i> , 2016 , 44, 161-166	2.8	1
43	Maternal Hypertension During Pregnancy and the Risk of Congenital Heart Defects in Offspring: A Systematic Review and Meta-analysis. <i>Pediatric Cardiology</i> , 2015 , 36, 1442-51	2.1	51
42	Genome-wide association study of maternal and inherited effects on left-sided cardiac malformations. <i>Human Molecular Genetics</i> , 2015 , 24, 265-73	5.6	18
41	Traffic-related air pollution and the incidence of childhood central nervous system tumors: Texas, 2001-2009. <i>Pediatric Blood and Cancer</i> , 2015 , 62, 1572-8	3	39

40	Air toxics and birth defects: a Bayesian hierarchical approach to evaluate multiple pollutants and spina bifida. <i>Environmental Health</i> , 2015 , 14, 16	6	9
39	Maternal-fetal metabolic gene-gene interactions and risk of neural tube defects. <i>Molecular Genetics and Metabolism</i> , 2014 , 111, 46-51	3.7	20
38	Preconceptional folic acid-containing supplement use in the National Birth Defects Prevention Study. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2014 , 100, 472-82		18
37	Genome-wide association study of maternal and inherited loci for conotruncal heart defects. <i>PLoS ONE</i> , 2014 , 9, e96057	3.7	20
36	Neural Tube Defects 2013 , 1-21		
35	Hispanic ethnicity and acculturation, maternal age and the risk of gastroschisis in the National Birth Defects Prevention Study. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2013 , 97, 538-45		21
34	Proportion of neural tube defects attributable to known risk factors. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2013 , 97, 42-6		66
33	22q11.2 deletions in patients with conotruncal defects: data from 1,610 consecutive cases. <i>Pediatric Cardiology</i> , 2013 , 34, 1687-94	2.1	72
32	De novo mutations in histone-modifying genes in congenital heart disease. <i>Nature</i> , 2013 , 498, 220-3	50.4	591
31	Exon sequencing of PAX3 and T (brachyury) in cases with spina bifida. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2013 , 97, 597-601		9
30	The Congenital Heart Disease Genetic Network Study: rationale, design, and early results. <i>Circulation Research</i> , 2013 , 112, 698-706	15.7	104
29	A case-control study of maternal bathing habits and risk for birth defects in offspring. <i>Environmental Health</i> , 2013 , 12, 88	6	15
28	Predictors of trisomy 21 in the offspring of older and younger women. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2012 , 94, 31-5		8
27	Descriptive epidemiology of non-syndromic complete atrioventricular canal defects. <i>Paediatric and Perinatal Epidemiology</i> , 2012 , 26, 515-24	2.7	18
26	Diabetes and obesity-related genes and the risk of neural tube defects in the national birth defects prevention study. <i>American Journal of Epidemiology</i> , 2012 , 176, 1101-9	3.8	37
25	Association between thyroxine levels at birth and choanal atresia or stenosis among infants in Texas, 2004-2007. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2012 , 94, 951-4		13
24	Differences in folic acid use, prenatal care, smoking, and drinking in early pregnancy by occupation. <i>Preventive Medicine</i> , 2012 , 55, 341-345	4.3	7
23	Age of onset and effect size in genome-wide association studies. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2012 , 94, 908-11		8

22	Working towards a risk prediction model for neural tube defects. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2012 , 94, 141-6		8
21	Maternal occupational exposure to polycyclic aromatic hydrocarbons: effects on gastroschisis among offspring in the National Birth Defects Prevention Study. <i>Environmental Health Perspectives</i> , 2012 , 120, 910-5	8.4	49
20	MI-GWAS: a SAS platform for the analysis of inherited and maternal genetic effects in genome-wide association studies using log-linear models. <i>BMC Bioinformatics</i> , 2011 , 12, 117	3.6	5
19	Prevalence and patterns of choanal atresia and choanal stenosis among pregnancies in Texas, 1999-2004. <i>American Journal of Medical Genetics, Part A</i> , 2011 , 155A, 786-91	2.5	13
18	Evaluation of heterogeneity in the association between congenital heart defects and variants of folate metabolism genes: conotruncal and left-sided cardiac defects. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2011 , 91, 879-84		9
17	Maternal exposure to ambient levels of benzene and neural tube defects among offspring: Texas, 1999-2004. <i>Environmental Health Perspectives</i> , 2011 , 119, 397-402	8.4	88
16	Differences in exposure assignment between conception and delivery: the impact of maternal mobility. <i>Paediatric and Perinatal Epidemiology</i> , 2010 , 24, 200-8	2.7	101
15	Gene-gene interactions in the folate metabolic pathway and the risk of conotruncal heart defects. <i>Journal of Biomedicine and Biotechnology</i> , 2010 , 2010, 630940		23
14	Variants of folate metabolism genes and risk of left-sided cardiac defects. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2010 , 88, 48-53		10
13	Polytomous logistic regression as a tool for exploring heterogeneity across birth defect subtypes: an example using anencephaly and spina bifida. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2010 , 88, 701-5		9
12	Epidemiology of nonsyndromic conotruncal heart defects in Texas, 1999-2004. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2010 , 88, 971-9		21
11	Variants of folate metabolism genes and the risk of conotruncal cardiac defects. <i>Circulation: Cardiovascular Genetics</i> , 2008 , 1, 126-32		57
10	Spina Bifida Research Resource: study design and participant characteristics. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2008 , 82, 684-91		6
9	Epidemiology of neural tube defects. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2005 , 135C, 88-94	3.1	172
8	Evaluation of offspring and maternal genetic effects on disease risk using a family-based approach: the "pent" design. <i>American Journal of Epidemiology</i> , 2005 , 162, 676-85	3.8	24
7	The human T locus and spina bifida risk. <i>Human Genetics</i> , 2004 , 115, 475-82	6.3	24
6	A common ABCC2 promoter polymorphism is not a determinant of the risk of spina bifida. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2004 , 70, 396-9		9
5	Maternal genetic effects, exerted by genes involved in homocysteine remethylation, influence the risk of spina bifida. <i>American Journal of Human Genetics</i> , 2002 , 71, 1222-6	11	121

4	Genetic influences on premature parturition in an Australian twin sample. <i>Twin Research and Human Genetics</i> , 2000 , 3, 80-2		89
3	Frequency of 22q11 deletions in patients with conotruncal defects. <i>Journal of the American College of Cardiology</i> , 1998 , 32, 492-8	15.1	457
2	Evaluation of family history data for Danish twins with nonsyndromic cleft lip with or without cleft palate. <i>American Journal of Medical Genetics Part A</i> , 1997 , 72, 120-1		8
1	Transforming growth factor alpha locus and nonsyndromic cleft lip with or without cleft palate: a reappraisal. <i>Genetic Epidemiology</i> , 1997 , 14, 231-40	2.6	82