Laura E Mitchell

List of Publications by Year
in descending order

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		236833	138417
96	3,736	25	58
papers	citations	h-index	g-index

98	98	98	5670
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	De novo mutations in histone-modifying genes in congenital heart disease. Nature, 2013, 498, 220-223.	13.7	798
2	Frequency of 22q11 deletions in patients with conotruncal defects. Journal of the American College of Cardiology, 1998, 32, 492-498.	1.2	527
3	Epidemiology of neural tube defects. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2005, 135C, 88-94.	0.7	225
4	The Congenital Heart Disease Genetic Network Study. Circulation Research, 2013, 112, 698-706.	2.0	142
5	Maternal Genetic Effects, Exerted by Genes Involved in Homocysteine Remethylation, Influence the Risk of Spina Bifida. American Journal of Human Genetics, 2002, 71, 1222-1226.	2.6	138
6	Differences in exposure assignment between conception and delivery: the impact of maternal mobility. Paediatric and Perinatal Epidemiology, 2010, 24, 200-208.	0.8	118
7	Genetic influences on premature parturition in an Australian twin sample. Twin Research and Human Genetics, 2000, 3, 80-82.	1.3	112
8	Maternal Exposure to Ambient Levels of Benzene and Neural Tube Defects among Offspring: Texas, 1999â€“2004. Environmental Health Perspectives, 2011, 119, 397-402.	2.8	104
9	Transforming growth factor Î± locus and nonsyndromic cleft lip with or without cleft palate: A reappraisal. Genetic Epidemiology, 1997, 14, 231-240.	0.6	95
10	22q11.2 Deletions in Patients with Conotruncal Defects: Data from 1,610 Consecutive Cases. Pediatric Cardiology, 2013, 34, 1687-1694.	0.6	88
11	The Congenital Heart Disease Genetic Network Study: Cohort description. PLoS ONE, 2018, 13, e0191319.	1.1	82
12	Proportion of neural tube defects attributable to known risk factors. Birth Defects Research Part A: Clinical and Molecular Teratology, 2013, 97, 42-46.	1.6	79
13	Maternal Hypertension During Pregnancy and the Risk of Congenital Heart Defects in Offspring: A Systematic Review and Meta-analysis. Pediatric Cardiology, 2015, 36, 1442-1451.	0.6	70
14	Variants of Folate Metabolism Genes and the Risk of Conotruncal Cardiac Defects. Circulation: Cardiovascular Genetics, 2008, 1, 126-132.	5.1	61
15	Maternal Occupational Exposure to Polycyclic Aromatic Hydrocarbons: Effects on Gastroschisis among Offspring in the National Birth Defects Prevention Study. Environmental Health Perspectives, 2012, 120, 910-915.	2.8	57
16	Traffic€related air pollution and the incidence of childhood central nervous system tumors: Texas, 2001â€“2009. Pediatric Blood and Cancer, 2015, 62, 1572-1578.	0.8	54
17	Genome-Wide Association Studies and Meta-Analyses for Congenital Heart Defects. Circulation: Cardiovascular Genetics, 2017, 10, e001449.	5.1	47
18	Diabetes and Obesity-Related Genes and the Risk of Neural Tube Defects in the National Birth Defects Prevention Study. American Journal of Epidemiology, 2012, 176, 1101-1109.	1.6	46

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19	Complete Sequence of the 22q11.2 Allele in 1,053 Subjects with 22q11.2 Deletion Syndrome Reveals Modifiers of Conotruncal Heart Defects. American Journal of Human Genetics, 2020, 106, 26-40.	2.6	42
20	Genomeâ€wide association studies of structural birth defects: A review and commentary. Birth Defects Research, 2019, 111, 1329-1342.	0.8	34
21	The TFAP2Aâ€“IRF6â€“GRHL3 genetic pathway is conserved in neurulation. Human Molecular Genetics, 2019, 28, 1726-1737.	1.4	30
22	Gene-Gene Interactions in the Folate Metabolic Pathway and the Risk of Conotruncal Heart Defects. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-7.	3.0	29
23	The human T locus and spina bifida risk. Human Genetics, 2004, 115, 475-482.	1.8	27
24	Epidemiology of nonsyndromic conotruncal heart defects in Texas, 1999â€“2004. Birth Defects Research Part A: Clinical and Molecular Teratology, 2010, 88, 971-979.	1.6	27
25	Evaluation of Offspring and Maternal Genetic Effects on Disease Risk Using a Family-based Approach: The â€œPentâ€•Design. American Journal of Epidemiology, 2005, 162, 676-685.	1.6	26
26	Genome-Wide Association Study of Maternal and Inherited Loci for Conotruncal Heart Defects. PLoS ONE, 2014, 9, e96057.	1.1	26
27	Epidemiology of anophthalmia and microphthalmia: Prevalence and patterns in Texas, 1999â€“2009. American Journal of Medical Genetics, Part A, 2018, 176, 1810-1818.	0.7	26
28	Descriptive Epidemiology of Nonâ€syndromic Complete Atrioventricular Canal Defects. Paediatric and Perinatal Epidemiology, 2012, 26, 515-524.	0.8	25
29	Genome-wide association study of maternal and inherited effects on left-sided cardiac malformations. Human Molecular Genetics, 2015, 24, 265-273.	1.4	24
30	Hispanic ethnicity and acculturation, maternal age and the risk of gastroschisis in the national birth defects prevention study. Birth Defects Research Part A: Clinical and Molecular Teratology, 2013, 97, 538-545.	1.6	22
31	Genome-Wide Association Study to Find Modifiers for Tetralogy of Fallot in the 22q11.2 Deletion Syndrome Identifies Variants in the GPR98 Locus on 5q14.3. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	22
32	Maternalâ€“fetal metabolic geneâ€“gene interactions and risk of neural tube defects. Molecular Genetics and Metabolism, 2014, 111, 46-51.	0.5	21
33	Genetic epidemiology of neural tube defects. Journal of Pediatric Rehabilitation Medicine, 2017, 10, 189-194.	0.3	21
34	Preconceptional folic acidâ€containing supplement use in the national birth defects prevention study. Birth Defects Research Part A: Clinical and Molecular Teratology, 2014, 100, 472-482.	1.6	19
35	Prevalence and patterns of choanal atresia and choanal stenosis among pregnancies in Texas, 1999-2004. , 2011, 155, 786-791.		18
36	A caseâ€“control study of maternal bathing habits and risk for birth defects in offspring. Environmental Health, 2013, 12, 88.	1.7	18

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37	First-time maltreatment in children ages 2â€“10 with and without specific birth defects: A populationâ€“based study. Child Abuse and Neglect, 2018, 84, 53-63.	1.3	18
38	White paper on the study of birth defects. Birth Defects Research, 2017, 109, 180-185.	0.8	17
39	Maternal residential proximity to major roadways at delivery and childhood central nervous system tumors. Environmental Research, 2016, 146, 315-322.	3.7	16
40	Exon sequencing of PAX3 and T (brachyury) in cases with spina bifida. Birth Defects Research Part A: Clinical and Molecular Teratology, 2013, 97, 597-601.	1.6	15
41	Gene-based genome-wide association studies and meta-analyses of conotruncal heart defects. PLoS ONE, 2019, 14, e0219926.	1.1	15
42	Bariatric surgery and birth defects: A systematic literature review. Paediatric and Perinatal Epidemiology, 2018, 32, 533-544.	0.8	14
43	Severe maternal morbidity at delivery and postpartum readmission in the United States. Paediatric and Perinatal Epidemiology, 2021, 35, 627-634.	0.8	14
44	Association between thyroxine levels at birth and choanal atresia or stenosis among infants in Texas, 2004â€“2007. Birth Defects Research Part A: Clinical and Molecular Teratology, 2012, 94, 951-954.	1.6	13
45	Mode of delivery and mortality among neonates with gastroschisis: A populationâ€based cohort in Texas. Paediatric and Perinatal Epidemiology, 2019, 33, 204-212.	0.8	13
46	Variants of folate metabolism genes and risk of leftâ€sided cardiac defects. Birth Defects Research Part A: Clinical and Molecular Teratology, 2010, 88, 48-53.	1.6	12
47	Differences in environmental exposure assignment due to residential mobility among children with a central nervous system tumor: Texas, 1995â€“2009. Journal of Exposure Science and Environmental Epidemiology, 2017, 27, 41-46.	1.8	12
48	Estimated Maternal Pesticide Exposure from Drinking Water and Heart Defects in Offspring. International Journal of Environmental Research and Public Health, 2017, 14, 889.	1.2	12
49	Coâ€occurring defect analysis: A platform for analyzing birth defect coâ€occurrence in registries. Birth Defects Research, 2019, 111, 1356-1364.	0.8	12
50	Working towards a risk prediction model for neural tube defects. Birth Defects Research Part A: Clinical and Molecular Teratology, 2012, 94, 141-146.	1.6	11
51	Predictors of trisomy 21 in the offspring of older and younger women. Birth Defects Research Part A: Clinical and Molecular Teratology, 2012, 94, 31-35.	1.6	11
52	Interpregnancy change in body mass index and infant outcomes in Texas: a population-based study. BMC Pregnancy and Childbirth, 2019, 19, 119.	0.9	11
53	Maternal effect genes: Update and review of evidence for a link with birth defects. Human Genetics and Genomics Advances, 2022, 3, 100067.	1.0	11
54	Polytomous logistic regression as a tool for exploring heterogeneity across birth defect subtypes: An example using anencephaly and spina bifida. Birth Defects Research Part A: Clinical and Molecular Teratology, 2010, 88, 701-705.	1.6	10

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55	Evaluation of heterogeneity in the association between congenital heart defects and variants of folate metabolism genes: Conotruncal and left-sided cardiac defects. Birth Defects Research Part A: Clinical and Molecular Teratology, 2011, 91, 879-884.	1.6	10
56	Differences in folic acid use, prenatal care, smoking, and drinking in early pregnancy by occupation. Preventive Medicine, 2012, 55, 341-345.	1.6	10
57	Air toxics and birth defects: a Bayesian hierarchical approach to evaluate multiple pollutants and spina bifida. Environmental Health, 2015, 14, 16.	1.7	10
58	A commonABCC2 promoter polymorphism is not a determinant of the risk of spina bifida. Birth Defects Research Part A: Clinical and Molecular Teratology, 2004, 70, 396-399.	1.6	9
59	Maternal hypertension and risk for hypospadias in offspring. American Journal of Medical Genetics, Part A, 2016, 170, 3125-3132.	0.7	9
60	An opportunity to address the genetic causes of birth defects. Pediatric Research, 2017, 81, 282-285.	1.1	9
61	Birth defects that coâ€occur with nonâ€syndromic gastroschisis and omphalocele. American Journal of Medical Genetics, Part A, 2020, 182, 2581-2593.	0.7	9
62	Evaluation of family history data for Danish twins with nonsyndromic cleft lip with or without cleft palate. , 1997, 72, 120-121.		8
63	Age of onset and effect size in genomeâ€wide association studies. Birth Defects Research Part A: Clinical and Molecular Teratology, 2012, 94, 908-911.	1.6	8
64	The association of elevated maternal genetic risk scores for hypertension, type 2 diabetes and obesity and having a child with a congenital heart defect. PLoS ONE, 2019, 14, e0216477.	1.1	8
65	Gene-based analyses of the maternal genome implicate maternal effect genes as risk factors for conotruncal heart defects. PLoS ONE, 2020, 15, e0234357.	1.1	8
66	Spina Bifida Research Resource: Study design and participant characteristics. Birth Defects Research Part A: Clinical and Molecular Teratology, 2008, 82, 684-691.	1.6	7
67	Folic Acid for the Prevention of Neural Tube Defects. JAMA Pediatrics, 2017, 171, 217.	3.3	7
68	Maternal Use of Weight Loss Products and the Risk of Neural Tube Defects in Offspring: A Systematic Literature Review. Birth Defects Research, 2018, 110, 48-55.	0.8	7
69	Work-Related Asthma Among Certified Nurse Aides in Texas. Workplace Health and Safety, 2020, 68, 491-500.	0.7	7
70	Birth Defect Co-Occurrence Patterns Among Infants With Cleft Lip and/or Palate. Cleft Palate-Craniofacial Journal, 2022, 59, 417-426.	0.5	7
71	MI-GWAS: a SAS platform for the analysis of inherited and maternal genetic effects in genome-wide association studies using log-linear models. BMC Bioinformatics, 2011, 12, 117.	1.2	6
72	Association of interpregnancy change in body mass index and spina bifida. Birth Defects Research, 2019, 111, 1389-1398.	0.8	6

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73	Microcephaly inpatient hospitalization and potential Zika outbreak in Texas: A cost and predicted economic burden analysis. Travel Medicine and Infectious Disease, 2019, 30, 67-72.	1.5	6
74	Genetic variants of HIF1Î± are associated with right ventricular fibrotic load in repaired tetralogy of Fallot patients: a cardiovascular magnetic resonance study. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 51.	1.6	5
75	Mortality by mode of delivery among infants with spina bifida in Texas. Birth Defects Research, 2019, 111, 1543-1550.	0.8	5
76	Change in prepregnancy body mass index and gastroschisis. Annals of Epidemiology, 2020, 41, 21-27.	0.9	5
77	Maternal Hypertension-Related Genotypes and Congenital Heart Defects. American Journal of Hypertension, 2021, 34, 82-91.	1.0	4
78	Patterns of co-occurring birth defects among infants with hypospadias. Journal of Pediatric Urology, 2021, 17, 64.e1-64.e8.	0.6	4
79	A Comprehensive Assessment of Co-occurring Birth Defects among Infants with Non-Syndromic Anophthalmia or Microphthalmia. Ophthalmic Epidemiology, 2021, 28, 428-435.	0.8	4
80	Maternal Lactase Polymorphism (rs4988235) Is Associated with Neural Tube Defects in Offspring in the National Birth Defects Prevention Study. Journal of Nutrition, 2019, 149, 295-303.	1.3	3
81	A genomeâ€wide association study of obstructive heart defects among participants in the National Birth Defects Prevention Study. American Journal of Medical Genetics, Part A, 2022, 188, 2303-2314.	0.7	3
82	Patterns of congenital anomalies among individuals with trisomy 13 in Texas. American Journal of Medical Genetics, Part A, 2021, 185, 1787-1793.	0.7	2
83	Common Variation in Cytoskeletal Genes Is Associated with Conotruncal Heart Defects. Genes, 2021, 12, 655.	1.0	2
84	Gene-Interaction-Sensitive enrichment analysis in congenital heart disease. BioData Mining, 2022, 15, 4.	2.2	2
85	Maternal effect genes as risk factors for congenital heart defects. Human Genetics and Genomics Advances, 2022, 3, 100098.	1.0	2
86	Exploratory analysis of ERCC2 DNA methylation in survival among pediatric medulloblastoma patients. Cancer Epidemiology, 2016, 44, 161-166.	0.8	1
87	Maternal occupation and the risk of neural tube defects in offspring. Archives of Environmental and Occupational Health, 2018, 73, 304-312.	0.7	1
88	Maternal genetic markers for risk of celiac disease and their potential association with neural tube defects in offspring. Molecular Genetics & Genomic Medicine, 2019, 7, e688.	0.6	1
89	Xâ€chromosome association studies of congenital heart defects. American Journal of Medical Genetics, Part A, 2020, 182, 250-254.	0.7	1
90	Genome-Wide Association Studies of Conotruncal Heart Defects with Normally Related Great Vessels in the United States. Genes, 2021, 12, 1030.	1.0	1

#	Article	IF	Citations
91	Review of evidence for environmental causes of uveal coloboma. Survey of Ophthalmology, 2021, , .	1.7	1
92	Neural Tube Defects. , 2013, , 1-21.		0
93	Title is missing!. , 2020, 15, e0234357.		0
94	Title is missing!. , 2020, 15, e0234357.		0
95	Title is missing!. , 2020, 15, e0234357.		0
96	Title is missing!. , 2020, 15, e0234357.		0