Tonia C Carter

List of Publications by Year
in descending order

32 papers	970 citations	430843 18 h-index	434170 31 g-index
32 all docs	32 docs citations	32 times ranked	1814 citing authors

#	Article	IF	Citations
1	Effectiveness of Pulse Oximetry Screening for Congenital Heart Disease in Asymptomatic Newborns. Pediatrics, 2003, 111, 451-455.	2.1	166
2	Maternal obesity and congenital heart defects: a population-based study. American Journal of Clinical Nutrition, 2010, 91, 1543-1549.	4.7	135
3	Genetic-based prediction of disease traits: prediction is very difficult, especially about the futureÃ¢â‚¬Â. Frontiers in Genetics, 2014, 5, 162.	2.3	53
4	Testing reported associations of genetic risk factors for oral clefts in a large Irish study population. Birth Defects Research Part A: Clinical and Molecular Teratology, 2010, 88, 84-93.	1.6	47
5	Do high blood folate concentrations exacerbate metabolic abnormalities in people with low vitamin B-12 status?. American Journal of Clinical Nutrition, 2011, 94, 495-500.	4.7	43
6	Association between antibiotic use among pregnant women with urinary tract infections in the first trimester and birth defects, National Birth Defects Prevention Study 1997 to 2011. Birth Defects Research Part A: Clinical and Molecular Teratology, 2016, 106, 940-949.	1.6	41
7	Evaluation of 64 candidate single nucleotide polymorphisms as risk factors for neural tube defects in a large Irish study population. American Journal of Medical Genetics, Part A, 2011, 155, 14-21.	1.2	39
8	Maternal urinary tract infections and selected cardiovascular malformations. Birth Defects Research Part A: Clinical and Molecular Teratology, 2008, 82, 464-473.	1.6	38
9	Genome wide association study of SNP-, gene-, and pathway-based approaches to identify genes influencing susceptibility to Staphylococcus aureus infections. Frontiers in Genetics, 2014, 5, 125.	2.3	38
10	Fluconazole use and birth defects in the National Birth Defects Prevention Study. American Journal of Obstetrics and Gynecology, 2016, 214, 657.e1-657.e9.	1.3	37
11	Antifungal drugs and the risk of selected birth defects. American Journal of Obstetrics and Gynecology, 2008, 198, 191.e1-191.e7.	1.3	34
12	Challenges of Identifying Clinically Actionable Genetic Variants for Precision Medicine. Journal of Healthcare Engineering, 2016, 2016, 1-14.	1.9	34
13	Hirschsprungâ€™s disease and variants in genes that regulate enteric neural crest cell proliferation, migration and differentiation. Journal of Human Genetics, 2012, 57, 485-493.	2.3	30
14	Glioblastoma Treatment with Temozolomide and Bevacizumab and Overall Survival in a Rural Tertiary Healthcare Practice. BioMed Research International, 2018, 2018, 1-10.	1.9	30
15	Folate and vitamin B12-related genes and risk for omphalocele. Human Genetics, 2012, 131, 739-746.	3.8	26
16	Validation of a metabolite panel for early diagnosis of type 2 diabetes. Metabolism: Clinical and Experimental, 2016, 65, 1399-1408.	3.4	25
17	Maternal self-reported genital tract infections during pregnancy and the risk of selected birth defects. Birth Defects Research Part A: Clinical and Molecular Teratology, 2011, 91, 108-116.	1.6	22
18	Generalized Functional Linear Models for Geneâ€Based Caseâ€Control Association Studies. Genetic Epidemiology, 2014, 38, 622-637.	1.3	22

#	Article	IF	Citations
19	Common Variants at Putative Regulatory Sites of the Tissue Nonspecific Alkaline Phosphatase Gene Influence Circulating Pyridoxal 5â€²-Phosphate Concentration in Healthy Adults. Journal of Nutrition, 2015, 145, 1386-1393.	2.9	19
20	Copy-number variants and candidate gene mutations in isolated split hand/foot malformation. Journal of Human Genetics, 2017, 62, 877-884.	2.3	16
21	Anorectal atresia and Variants at Predicted Regulatory Sites in Candidate Genes. Annals of Human Genetics, 2013, 77, 31-46.	0.8	15
22	Evaluation of genes involved in limb development, angiogenesis, and coagulation as risk factors for congenital limb deficiencies. American Journal of Medical Genetics, Part A, 2012, 158A, 2463-2472.	1.2	10
23	Pilot screening study of targeted genetic polymorphisms for association with seasonal influenza hospital admission. Journal of Medical Virology, 2018, 90, 436-446.	5.0	10
24	Exome sequencing of family trios from the National Birth Defects Prevention Study: Tapping into a rich resource of genetic and environmental data. Birth Defects Research, 2019, 111, 1618-1632.	1.5	9
25	Acyclovir Exposure and Birth Defects. JAMA - Journal of the American Medical Association, 2010, 304, 905.	7.4	8
26	Evaluation of protonâ€coupled folate transporter (SLC46A1) polymorphisms as risk factors for neural tube defects and oral clefts. American Journal of Medical Genetics, Part A, 2016, 170, 1007-1016.	1.2	7
27	Invited Commentary: Preventing Neural Tube Defects and More via Food Fortification?. American Journal of Epidemiology, 2008, 169, 18-21.	3.4	6
28	Association of variants in selected genes mediating host immune response with duration of Staphylococcus aureus bacteremia. Genes and Immunity, 2020, 21, 240-248.	4.1	5
29	Modeling of Effective Antimicrobials to Reduce Staphylococcus aureus Virulence Gene Expression Using a Two-Compartment Hollow Fiber Infection Model. Toxins, 2020, 12, 69.	3.4	3
30	Suppression of ?-oxidation restores pyruvate inhibition of pyruvate dehydrogenase kinase in starved rat heart. Molecular and Cellular Biochemistry, 1996, 162, 127-31.	3.1	1
31	The â^'839(A/C) Polymorphism in the ECE1 Isoform b Promoter Associates With Osteoporosis and Fractures. Journal of the Endocrine Society, 2019, 3, 2041-2050.	0.2	1
32	Revised Guidelines Increase Specificity of Diagnostic Criteria for Fetal Alcohol Spectrum Disorders. Current Developmental Disorders Reports, 2016, 3, 207-209.	2.1	0