## John S Witte

List of Publications by Year in descending order

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| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Residential particulate matter, proximity to major roads, traffic density and traffic volume as risk factors for preterm birth in California. Paediatric and Perinatal Epidemiology, 2022, 36, 70-79.               | 1.7  | 8         |
| 2  | Genetic Analysis of Lung Cancer and the Germline Impact on Somatic Mutation Burden. Journal of the<br>National Cancer Institute, 2022, 114, 1159-1166.  | 6.3  | 8         |
| 3  | A Large-Scale Association Study Detects Novel Rare Variants, Risk Genes, Functional Elements, and<br>Polygenic Architecture of Prostate Cancer Susceptibility. Cancer Research, 2021, 81, 1695-1703.                | 0.9  | 15        |
| 4  | Trans-ancestry genome-wide association meta-analysis of prostate cancer identifies new susceptibility loci and informs genetic risk prediction. Nature Genetics, 2021, 53, 65-75.                                   | 21.4 | 264       |
| 5  | Cross-cancer evaluation of polygenic risk scores for 16 cancer types in two large cohorts. Nature<br>Communications, 2021, 12, 970.   | 12.8 | 50        |
| 6  | Detecting methylation quantitative trait loci using a methylation random field method. Briefings in<br>Bioinformatics, 2021, 22, .  | 6.5  | 2         |
| 7  | A genomeâ€wide association study of prostate cancer in Latinos. International Journal of Cancer, 2020, 146, 1819-1826.  | 5.1  | 24        |
| 8  | Immune-mediated genetic pathways resulting in pulmonary function impairment increase lung cancer susceptibility. Nature Communications, 2020, 11, 27.   | 12.8 | 23        |
| 9  | The landscape of host genetic factors involved in immune response to common viral infections.<br>Genome Medicine, 2020, 12, 93.   | 8.2  | 65        |
| 10 | Genomewide Metaâ€Analysis Validates a Role for <i>S1PR1</i> in Microtubule Targeting Agentâ€Induced<br>Sensory Peripheral Neuropathy. Clinical Pharmacology and Therapeutics, 2020, 108, 625-634.                   | 4.7  | 25        |
| 11 | Age-of-onset information helps identify 76 genetic variants associated with allergic disease. PLoS<br>Genetics, 2020, 16, e1008725.   | 3.5  | 27        |
| 12 | Genetic Determinants of Blood Cell Traits Play a Role in Susceptibility to Acute Lymphoblastic<br>Leukemia. Blood, 2020, 136, 10-11.  | 1.4  | 0         |
| 13 | Association of imputed prostate cancer transcriptome with disease risk reveals novel mechanisms.<br>Nature Communications, 2019, 10, 3107.  | 12.8 | 28        |
| 14 | Identification of Novel Susceptibility Loci and Genes for Prostate Cancer Risk: A Transcriptome-Wide<br>Association Study in Over 140,000 European Descendants. Cancer Research, 2019, 79, 3192-3204.               | 0.9  | 43        |
| 15 | Newborn Metabolic Profile Associated with Hyperbilirubinemia With and Without Kernicterus.<br>Clinical and Translational Science, 2019, 12, 28-38.  | 3.1  | 9         |
| 16 | A Pharmacogenetic Prediction Model of Progressionâ€Free Survival in Breast Cancer using Genomeâ€Wide<br>Genotyping Data from CALGB 40502 (Alliance). Clinical Pharmacology and Therapeutics, 2019, 105,<br>738-745. | 4.7  | 11        |
| 17 | Identification of Pleiotropic Cancer Susceptibility Variants from Genome-Wide Association Studies<br>Reveals Functional Characteristics. Cancer Epidemiology Biomarkers and Prevention, 2018, 27, 75-85.            | 2.5  | 25        |
| 18 | Detecting Rare Mutations with Heterogeneous Effects Using a Family-Based Genetic Random Field<br>Method. Genetics, 2018, 210, 463-476.  | 2.9  | 4         |

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|----|--|------|-----------|
| 19 | An efficient Bayesian meta-analysis approach for studying cross-phenotype genetic associations. PLoS<br>Genetics, 2018, 14, e1007139.  | 3.5  | 40        |
| 20 | Genome-wide association study of prostate-specific antigen levels identifies novel loci independent of prostate cancer. Nature Communications, 2017, 8, 14248.   | 12.8 | 58        |
| 21 | Familial Risk and Heritability of Colorectal Cancer in the Nordic Twin Study of Cancer. Clinical<br>Gastroenterology and Hepatology, 2017, 15, 1256-1264.  | 4.4  | 77        |
| 22 | Investigating the Genetic Architecture of the PR Interval Using Clinical Phenotypes. Circulation:<br>Cardiovascular Genetics, 2017, 10, .  | 5.1  | 8         |
| 23 | Shared genetic origin of asthma, hay fever and eczema elucidates allergic disease biology. Nature<br>Genetics, 2017, 49, 1752-1757.  | 21.4 | 432       |
| 24 | Two Novel Susceptibility Loci for Prostate Cancer in Men of African Ancestry. Journal of the National Cancer Institute, 2017, 109, .   | 6.3  | 57        |
| 25 | Cis-eQTL-based trans-ethnic meta-analysis reveals novel genes associated with breast cancer risk. PLoS<br>Genetics, 2017, 13, e1006690.  | 3.5  | 61        |
| 26 | Up For A Challenge (U4C): Stimulating innovation in breast cancer genetic epidemiology. PLoS<br>Genetics, 2017, 13, e1006945.  | 3.5  | 3         |
| 27 | Discovery and fine-mapping of adiposity loci using high density imputation of genome-wide association studies in individuals of African ancestry: African Ancestry Anthropometry Genetics Consortium. PLoS Genetics, 2017, 13, e1006719. | 3.5  | 98        |
| 28 | Testing Allele Transmission of an SNP Set Using a Familyâ€Based Generalized Genetic Random Field<br>Method. Genetic Epidemiology, 2016, 40, 341-351.   | 1.3  | 4         |
| 29 | Joint effects of genetic variants and residential proximity to pesticide applications on hypospadias<br>risk. Birth Defects Research Part A: Clinical and Molecular Teratology, 2016, 106, 653-658.                                      | 1.6  | 13        |
| 30 | Association of common genetic variation in the protein C pathway genes with clinical outcomes in acute respiratory distress syndrome. Critical Care, 2016, 20, 151.  | 5.8  | 25        |
| 31 | A Meta-analysis of Multiple Myeloma Risk Regions in African and European Ancestry Populations<br>Identifies Putatively Functional Loci. Cancer Epidemiology Biomarkers and Prevention, 2016, 25,<br>1609-1618.                           | 2.5  | 18        |
| 32 | Sequence variation in folate pathway genes and risks of human cleft lip with or without cleft palate.<br>American Journal of Medical Genetics, Part A, 2016, 170, 2777-2787.   | 1.2  | 15        |
| 33 | Atlas of prostate cancer heritability in European and African-American men pinpoints tissue-specific regulation. Nature Communications, 2016, 7, 10979.  | 12.8 | 50        |
| 34 | Prostate Cancer Susceptibility in Men of African Ancestry at 8q24. Journal of the National Cancer<br>Institute, 2016, 108, djv431.   | 6.3  | 111       |
| 35 | Mutational Landscape of Aggressive Prostate Tumors in African American Men. Cancer Research, 2016, 76, 1860-1868.  | 0.9  | 61        |
| 36 | MDS-associated somatic mutations and clonal hematopoiesis are common in idiopathic cytopenias of undetermined significance. Blood, 2015, 126, 2355-2361.   | 1.4  | 280       |

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|----|--|------|-----------|
| 37 | Developments in our understanding of the genetic basis of birth defects. Birth Defects Research Part<br>A: Clinical and Molecular Teratology, 2015, 103, 680-691.  | 1.6  | 30        |
| 38 | Detecting gene–environment interactions in human birth defects: Study designs and statistical methods. Birth Defects Research Part A: Clinical and Molecular Teratology, 2015, 103, 692-702.   | 1.6  | 5         |
| 39 | Methodological Considerations in Estimation of Phenotype Heritability Using Genome-Wide SNP Data,<br>Illustrated by an Analysis of the Heritability of Height in a Large Sample of African Ancestry Adults.<br>PLoS ONE, 2015, 10, e0131106. | 2.5  | 2         |
| 40 | A Large Multiethnic Genome-Wide Association Study of Prostate Cancer Identifies Novel Risk Variants and Substantial Ethnic Differences. Cancer Discovery, 2015, 5, 878-891.  | 9.4  | 111       |
| 41 | Generalizability of established prostate cancer risk variants in men of <scp>A</scp> frican ancestry.<br>International Journal of Cancer, 2015, 136, 1210-1217.  | 5.1  | 62        |
| 42 | Integration of multiethnic fine-mapping and genomic annotation to prioritize candidate functional SNPs at prostate cancer susceptibility regions. Human Molecular Genetics, 2015, 24, 5603-5618.   | 2.9  | 50        |
| 43 | Imputation of the Rare HOXB13 G84E Mutation and Cancer Risk in a Large Population-Based Cohort.<br>PLoS Genetics, 2015, 11, e1004930.  | 3.5  | 36        |
| 44 | Replication and Heritability of Prostate Cancer Risk Variants: Impact of Population-Specific Factors.<br>Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 938-943.   | 2.5  | 13        |
| 45 | Strategies for Imputing and Analyzing Rare Variants in Association Studies. Trends in Genetics, 2015, 31, 556-563.   | 6.7  | 27        |
| 46 | Cross Cancer Genomic Investigation of Inflammation Pathway for Five Common Cancers: Lung, Ovary,<br>Prostate, Breast, and Colorectal Cancer. Journal of the National Cancer Institute, 2015, 107, djv246.                                    | 6.3  | 63        |
| 47 | Polymorphisms of an Innate Immune Gene, Toll-Like Receptor 4, and Aggressive Prostate Cancer Risk: A<br>Systematic Review and Meta-Analysis. PLoS ONE, 2014, 9, e110569.   | 2.5  | 24        |
| 48 | Leveraging population admixture to characterize the heritability of complex traits. Nature Genetics, 2014, 46, 1356-1362.  | 21.4 | 69        |
| 49 | A meta-analysis of 87,040 individuals identifies 23 new susceptibility loci for prostate cancer. Nature<br>Genetics, 2014, 46, 1103-1109.  | 21.4 | 408       |
| 50 | Genome-wide Scan of 29,141 African Americans Finds No Evidence of Directional Selection since<br>Admixture. American Journal of Human Genetics, 2014, 95, 437-444.   | 6.2  | 69        |
| 51 | Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. Nature<br>Genetics, 2013, 45, 984-994.  | 21.4 | 2,067     |
| 52 | A meta-analysis identifies new loci associated with body mass index in individuals of African ancestry.<br>Nature Genetics, 2013, 45, 690-696.   | 21.4 | 232       |
| 53 | <i>HOXB13</i> Mutation and Prostate Cancer: Studies of Siblings and Aggressive Disease. Cancer<br>Epidemiology Biomarkers and Prevention, 2013, 22, 675-680.   | 2.5  | 40        |
| 54 | Mechanistic Phenotypes: An Aggregative Phenotyping Strategy to Identify Disease Mechanisms Using<br>GWAS Data. PLoS ONE, 2013, 8, e81503.  | 2.5  | 15        |

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| 55 | Commentary. Epidemiology, 2012, 23, 910-911.  | 2.7  | 1         |
| 56 | Association of the Innate Immunity and Inflammation Pathway with Advanced Prostate Cancer Risk.<br>PLoS ONE, 2012, 7, e51680.   | 2.5  | 61        |
| 57 | Hereditary Prostate Cancer and Genetic Risk. , 2012, , 79-101.  |      | 0         |
| 58 | Genome-wide association study of prostate cancer in men of African ancestry identifies a susceptibility locus at 17q21. Nature Genetics, 2011, 43, 570-573.                         | 21.4 | 198       |
| 59 | Parallel biocomputing. Source Code for Biology and Medicine, 2011, 6, 4.  | 1.7  | 0         |
| 60 | Use of principal components to aggregate rare variants in case-control and family-based association studies in the presence of multiple covariates. BMC Proceedings, 2011, 5, S29.  | 1.6  | 5         |
| 61 | The landscape of recombination in African Americans. Nature, 2011, 476, 170-175.  | 27.8 | 319       |
| 62 | Characterizing Genetic Risk at Known Prostate Cancer Susceptibility Loci in African Americans. PLoS<br>Genetics, 2011, 7, e1001387.   | 3.5  | 117       |
| 63 | Identification, Replication, and Fine-Mapping of Loci Associated with Adult Height in Individuals of African Ancestry. PLoS Genetics, 2011, 7, e1002298.                            | 3.5  | 93        |
| 64 | trans-Fatty acid intake and increased risk of advanced prostate cancer: modification by RNASEL R462Q variant. Carcinogenesis, 2007, 28, 1232-1236.                                  | 2.8  | 30        |
| 65 | Microsatellite markers for genome-wide association studies. Nature Reviews Genetics, 2007, 8, 164-164.  | 16.3 | 7         |
| 66 | Coverage and Power in Genomewide Association Studies. American Journal of Human Genetics, 2006, 78, 884-888.  | 6.2  | 44        |
| 67 | A gene-centric approach to genome-wide association studies. Nature Reviews Genetics, 2006, 7, 885-891.  | 16.3 | 93        |
| 68 | Likelihood Modelling: Genetic Mapping of Complex Traits. , 2005, , 339-359.   |      | 0         |
| 69 | Comprehensive evaluation of the association between prostate cancer and genotypes/haplotypes in CYP17A1, CYP3A4, and SRD5A2. European Journal of Human Genetics, 2004, 12, 321-332. | 2.8  | 46        |
| 70 | Hereditary Prostate Cancer and Genetic Risk. , 2004, , 57-69.   |      | 0         |
| 71 | Haplotype Tagging Single Nucleotide Polymorphisms and Association Studies. Human Heredity, 2003, 56, 48-55.   | 0.8  | 57        |
| 72 | Relation between tumour necrosis factor polymorphism TNFα-308 and risk of asthma. European Journal<br>of Human Genetics, 2002, 10, 82-85.   | 2.8  | 120       |

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| 73 | RNASEL Arg462Gln variant is implicated in up to 13% of prostate cancer cases. Nature Genetics, 2002, 32, 581-583.   | 21.4 | 280       |
| 74 | Introduction: Analysis of Sequence Data and Population Structure. Genetic Epidemiology, 2001, 21, S600-1.   | 1.3  | 13        |
| 75 | Impact of Preadjusting a Quantitative Phenotype Prior to Sib-Pair Linkage Analysis when<br>Gene×Environment Interaction Exists. Genetic Epidemiology, 2001, 21, S837-S842.  | 1.3  | 0         |
| 76 | Hierarchical Modeling of the Relation Between Sequence Variants and a Quantitative Trait: Addressing<br>Multiple Comparison and Population Stratification Issues. Genetic Epidemiology, 2001, 21, S668-S673.            | 1.3  | 7         |
| 77 | Predicting Quantitative Trait Levels by Modeling SNP Interaction. Genetic Epidemiology, 2001, 21, S608-S613.  | 1.3  | 2         |
| 78 | On the relative sample size required for multiple comparisons. , 2000, 19, 369-372.   |      | 41        |
| 79 | Replication linkage study for prostate cancer susceptibility genes. Prostate, 2000, 45, 106-114.  | 2.3  | 35        |
| 80 | CYP3A activity in African American and European American men: Population differences and functional effect of the CYP3A4*1B 5â€2-promoter region polymorphism. Clinical Pharmacology and Therapeutics, 2000, 68, 82-91. | 4.7  | 214       |
| 81 | Correlations of individual plasma carotenoid concentrations in free-living older adults. Nutrition Research, 2000, 20, 955-965.   | 2.9  | 1         |
| 82 | Linkage Disequilibrium and Allele-Frequency Distributions for 114 Single-Nucleotide Polymorphisms in<br>Five Populations. American Journal of Human Genetics, 2000, 66, 216-234.  | 6.2  | 193       |
| 83 | Likelihood-based approach to estimating twin concordance for dichotomous traits. , 1999, 16, 290-304.   |      | 76        |
| 84 | Genetic mapping of complex traits. , 1999, 18, 2961-2981.   |      | 35        |
| 85 | Model-based and model-free multipoint genome-wide linkage analysis of alcoholism. Genetic<br>Epidemiology, 1999, 17, S175-S180.   | 1.3  | 1         |
| 86 | A nested approach to evaluating dose-response and trend. Annals of Epidemiology, 1997, 7, 188-193.  | 1.9  | 41        |
| 87 | Diet and premenopausal bilateral breast cancer: A case-control study. Breast Cancer Research and Treatment, 1997, 42, 243-251.  | 2.5  | 124       |
| 88 | Meat preparation and colorectal adenomas in a large sigmoidoscopy-based case-control study in<br>California (United States). Cancer Causes and Control, 1997, 8, 175-183.   | 1.8  | 88        |
| 89 | Modeling age of onset and residual familial correlations for the linkage analysis of bipolar disorder.<br>Genetic Epidemiology, 1997, 14, 675-680.  | 1.3  | 6         |
| 90 | A sigmoidoscopy-based case–control study of polyps: macronutrients, fiber and meat consumption. ,<br>1997, 73, 497-502.   |      | 33        |

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|----|--|------|-----------|
| 91 | Relation of Vegetable, Fruit, and Grain Consumption to Colorectal Adenomatous Polyps. American<br>Journal of Epidemiology, 1996, 144, 1015-1025. | 3.4  | 165       |
| 92 | SIMULATION STUDY OF HIERARCHICAL REGRESSION. , 1996, 15, 1161-1170.  |      | 46        |
| 93 | Association within twin pairs for a dichotomous trait. , 1996, 13, 489-499.  |      | 14        |
| 94 | Genetic dissection of complex traits. Nature Genetics, 1996, 12, 355-356.  | 21.4 | 119       |
| 95 | Genetic epidemiologic analysis of quantitative phenotypes using gibbs sampling. Genetic Epidemiology,<br>1995, 12, 753-758.                      | 1.3  | 7         |
| 96 | Hierarchical Regression Analysis Applied to a Study of Multiple Dietary Exposures and Breast Cancer.<br>Epidemiology, 1994, 5, 612-621.          | 2.7  | 96        |