

Duncan Thomas

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

5,618
citations

304743

22
h-index

454955

30
g-index

35
all docs

35
docs citations

35
times ranked

7197
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Air Pollution on Lung Development from 10 to 18 Years of Age. <i>New England Journal of Medicine</i> , 2004, 351, 1057-1067.	27.0	1,131
2	Ambient Air Pollution and Atherosclerosis in Los Angeles. <i>Environmental Health Perspectives</i> , 2005, 113, 201-206.	6.0	665
3	Effect of exposure to traffic on lung development from 10 to 18 years of age: a cohort study. <i>Lancet</i> , The, 2007, 369, 571-577.	13.7	617
4	Gene-environment-wide association studies: emerging approaches. <i>Nature Reviews Genetics</i> , 2010, 11, 259-272.	16.3	593
5	Traffic, Susceptibility, and Childhood Asthma. <i>Environmental Health Perspectives</i> , 2006, 114, 766-772.	6.0	519
6	Association between Air Pollution and Lung Function Growth in Southern California Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 162, 1383-1390.	5.6	360
7	Reporting, Appraising, and Integrating Data on Genotype Prevalence and Gene-Disease Associations. <i>American Journal of Epidemiology</i> , 2002, 156, 300-310.	3.4	354
8	Association between Air Pollution and Lung Function Growth in Southern California Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002, 166, 76-84.	5.6	316
9	Prospective Study of Air Pollution and Bronchitic Symptoms in Children with Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 168, 790-797.	5.6	174
10	Methods for Investigating Gene-Environment Interactions in Candidate Pathway and Genome-Wide Association Studies. <i>Annual Review of Public Health</i> , 2010, 31, 21-36.	17.4	138
11	Fine-Scale Mapping of Disease Genes with Multiple Mutations via Spatial Clustering Techniques. <i>American Journal of Human Genetics</i> , 2003, 73, 1368-1384.	6.2	91
12	Two-stage sampling designs for gene association studies. <i>Genetic Epidemiology</i> , 2004, 27, 401-414.	1.3	88
13	Shared heritability and functional enrichment across six solid cancers. <i>Nature Communications</i> , 2019, 10, 431.	12.8	88
14	Latency analysis in epidemiologic studies of occupational exposures: Application to the Colorado plateau uranium miners cohort. , 1999, 35, 246-256.		77
15	Assessing Uncertainty in Spatial Exposure Models for Air Pollution Health Effects Assessment. <i>Environmental Health Perspectives</i> , 2007, 115, 1147-1153.	6.0	46
16	Application of Bayesian spatial statistical methods to analysis of haplotypes effects and gene mapping. <i>Genetic Epidemiology</i> , 2003, 25, 95-105.	1.3	40
17	Dog Ownership Enhances Symptomatic Responses to Air Pollution in Children with Asthma. <i>Environmental Health Perspectives</i> , 2006, 114, 1910-1915.	6.0	39
18	Inherited Predisposition of Lung Cancer: A Hierarchical Modeling Approach to DNA Repair and Cell Cycle Control Pathways. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007, 16, 2736-2744.	2.5	39

#	ARTICLE	IF	CITATIONS
19	Temporal Modifiers of the Radon-smoking Interaction. Health Physics, 1994, 66, 257-262.	0.5	33
20	Variation in HLA-associated risks of childhood insulin-dependent diabetes in the finnish population: I. Allele effects at A, B, and DR Loci. Genetic Epidemiology, 1995, 12, 441-453.	1.3	31
21	Bayesian Modeling of Air Pollution Health Effects with Missing Exposure Data. American Journal of Epidemiology, 2006, 164, 69-76.	3.4	29
22	Empirical Bayes Methods for Testing Associations with Large Numbers of Candidate Genes in the Presence of Environmental Risk Factors, with Applications to HLA Associations in IDDM. Annals of Medicine, 1992, 24, 387-392.	3.8	22
23	Risk Assessment for Aflatoxin B1: A Modeling Approach. Risk Analysis, 1992, 12, 559-567.	2.7	21
24	Variation in HLA-associated risks of childhood insulin-dependent diabetes in the finnish population: II. Haplotype effects. Genetic Epidemiology, 1995, 12, 455-466.	1.3	20
25	Combined segregation and linkage analysis of late-onset Alzheimer's disease in Duke families using Gibbs sampling. Genetic Epidemiology, 1993, 10, 489-494.	1.3	12
26	A survey of current Bayesian gene mapping method. Human Genomics, 2004, 1, 371-4.	2.9	7
27	Why Do Estimates of the Acute and Chronic Effects of Air Pollution on Mortality Differ?. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2005, 68, 1167-1174.	2.3	7
28	Empirical Hierarchical Bayes Approach to Gene-Environment Interactions: Development and Application to Genome-Wide Association Studies of Lung Cancer in TRICL. Genetic Epidemiology, 2013, 37, 551-559.	1.3	7
29	Response to 'Gene-by-environment experiments: a new approach to finding the missing heritability' by van IJzendoorn et al.. Nature Reviews Genetics, 2011, 12, 881-881.	16.3	4
30	Pathway-Based Methods in Molecular Cancer Epidemiology. , 2008, , 189-204.		2
31	Spatial Modeling of Multilocus Data. , 2005, , 471-487.		0