

Karl T Kelsey

List of Publications by Year in descending order

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Version: 2024-02-01

198
papers

13,922
citations

26630

56
h-index

24982

109
g-index

214
all docs

214
docs citations

214
times ranked

19336
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Interactions of Age and Blood Immune Factors and Noninvasive Prediction of Glioma Survival. <i>Journal of the National Cancer Institute</i> , 2022, 114, 446-457. | 6.3 | 11 |
| 2 | Epigenome-wide scan identifies differentially methylated regions for lung cancer using pre-diagnostic peripheral blood. <i>Epigenetics</i> , 2022, 17, 460-472. | 2.7 | 12 |
| 3 | Radon, Tobacco Exposure and Non-Small Cell Lung Cancer Risk Related to BER and NER Genetic Polymorphisms. <i>Archivos De Bronconeumologia</i> , 2022, 58, 311-322. | 0.8 | 2 |
| 4 | Long-term association of serum selenium levels and the diabetes risk: Findings from a case-control study nested in the prospective Jinchang Cohort. <i>Science of the Total Environment</i> , 2022, 818, 151848. | 8.0 | 11 |
| 5 | Epigenetics, environment and epidemiology: an interview with Karl Kelsey. <i>Epigenomics</i> , 2022, , . | 2.1 | 4 |
| 6 | Immune profiles and DNA methylation alterations related with non-muscle-invasive bladder cancer outcomes. <i>Clinical Epigenetics</i> , 2022, 14, 14. | 4.1 | 13 |
| 7 | DNA methylation-derived systemic inflammation indices and their association with oropharyngeal cancer risk and survival. <i>Head and Neck</i> , 2022, 44, 904-913. | 2.0 | 2 |
| 8 | Navigating the hydroxymethylome: experimental biases and quality control tools for the tandem bisulfite and oxidative bisulfite Illumina microarrays. <i>Epigenomics</i> , 2022, 14, 139-152. | 2.1 | 3 |
| 9 | Enhanced cell deconvolution of peripheral blood using DNA methylation for high-resolution immune profiling. <i>Nature Communications</i> , 2022, 13, 761. | 12.8 | 93 |
| 10 | A core of differentially methylated CpG loci in gMDSCs isolated from neonatal and adult sources. <i>Clinical Epigenetics</i> , 2022, 14, 27. | 4.1 | 2 |
| 11 | Gestational Perfluoroalkyl Substance Exposure and DNA Methylation at Birth and 12 Years of Age: A Longitudinal Epigenome-Wide Association Study. <i>Environmental Health Perspectives</i> , 2022, 130, 37005. | 6.0 | 24 |
| 12 | Human cytomegalovirus alters immune cell profile with potential implications for patient survival in head and neck cancer. <i>Carcinogenesis</i> , 2022, , . | 2.8 | 0 |
| 13 | DNA methylation ageing clocks and pancreatic cancer risk: pooled analysis of three prospective nested case-control studies. <i>Epigenetics</i> , 2021, 16, 1306-1316. | 2.7 | 14 |
| 14 | Gestational perfluoroalkyl substance exposure and body mass index trajectories over the first 12 years of life. <i>International Journal of Obesity</i> , 2021, 45, 25-35. | 3.4 | 36 |
| 15 | Gestational and childhood exposure to per- and polyfluoroalkyl substances and cardiometabolic risk at age 12 years. <i>Environment International</i> , 2021, 147, 106344. | 10.0 | 29 |
| 16 | Identification of a foetal epigenetic compartment in adult human kidney. <i>Epigenetics</i> , 2021, , 1-21. | 2.7 | 0 |
| 17 | DNA methylation in the adipose tissue and whole blood of Agent Orange-exposed Operation Ranch Hand veterans: a pilot study. <i>Environmental Health</i> , 2021, 20, 43. | 4.0 | 1 |
| 18 | Neonatal and Adolescent Adipocytokines as Predictors of Adiposity and Cardiometabolic Risk in Adolescence. <i>Obesity</i> , 2021, 29, 1036-1045. | 3.0 | 2 |

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|----|--|------|-----------|
| 19 | Prediagnostic White Blood Cell DNA Methylation and Risk of Breast Cancer in the Prostate Lung, Colorectal, and Ovarian Cancer Screening Trial (PLCO) Cohort. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 1575-1581. | 2.5 | 1 |
| 20 | Cytomegalovirus infection in malignant pleural mesothelioma. <i>PLoS ONE</i> , 2021, 16, e0254136. | 2.5 | 4 |
| 21 | Physical activity modifies the association between prenatal perfluorooctanoic acid exposure and adolescent cardiometabolic risk. <i>ISEE Conference Abstracts</i> , 2021, 2021, . | 0.0 | 0 |
| 22 | Placental gene networks at the interface between maternal PM2.5 exposure early in gestation and reduced infant birthweight. <i>Environmental Research</i> , 2021, 199, 111342. | 7.5 | 24 |
| 23 | Infection with Human Papilloma Virus (HPV) and risk of subsites within the oral cancer. <i>Cancer Epidemiology</i> , 2021, 75, 102020. | 1.9 | 16 |
| 24 | DNA Methylation in Peripheral Blood: Providing Novel Biomarkers of Exposure and Immunity to Examine Cancer Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 2176-2178. | 2.5 | 2 |
| 25 | Methylation-derived inflammatory measures and lung cancer risk and survival. <i>Clinical Epigenetics</i> , 2021, 13, 222. | 4.1 | 8 |
| 26 | Chrysotile fibers in tissue adjacent to laryngeal squamous cell carcinoma in cases with a history of occupational asbestos exposure. <i>Modern Pathology</i> , 2020, 33, 228-234. | 5.5 | 3 |
| 27 | Risk Prediction Models for Head and Neck Cancer in the US Population From the INHANCE Consortium. <i>American Journal of Epidemiology</i> , 2020, 189, 330-342. | 3.4 | 19 |
| 28 | Epigenome-Wide Association Study Using Prediagnostic Bloods Identifies New Genomic Regions Associated With Pancreatic Cancer Risk. <i>JNCI Cancer Spectrum</i> , 2020, 4, pkaa041. | 2.9 | 8 |
| 29 | Mediation by differential DNA methylation of known associations between single nucleotide polymorphisms and bladder cancer risk. <i>BMC Medical Genetics</i> , 2020, 21, 228. | 2.1 | 4 |
| 30 | Exposure to Per- and Polyfluoroalkyl Substances and Adiposity at Age 12 Years: Evaluating Periods of Susceptibility. <i>Environmental Science & Technology</i> , 2020, 54, 16039-16049. | 10.0 | 33 |
| 31 | Lung cancer risk and residential radon exposure: A pooling of case-control studies in northwestern Spain. <i>Environmental Research</i> , 2020, 189, 109968. | 7.5 | 38 |
| 32 | DNA Methylation-Derived Immune Cell Profiles, CpG Markers of Inflammation, and Pancreatic Cancer Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 1577-1585. | 2.5 | 9 |
| 33 | Firefighter occupation is associated with increased risk for laryngeal and hypopharyngeal squamous cell carcinoma among men from the Greater Boston area. <i>Occupational and Environmental Medicine</i> , 2020, 77, 381-385. | 2.8 | 2 |
| 34 | Dietary glycaemic index, glycaemic load and head and neck cancer risk: a pooled analysis in an international consortium. <i>British Journal of Cancer</i> , 2020, 122, 745-748. | 6.4 | 3 |
| 35 | Mechanisms of Environmental and Occupational Carcinogenesis. , 2020, , 39-55. | | 1 |
| 36 | A Machine Learning Approach for Long-Term Prognosis of Bladder Cancer based on Clinical and Molecular Features. <i>AMIA Summits on Translational Science Proceedings</i> , 2020, 2020, 607-616. | 0.4 | 2 |

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|----|--|-----|-----------|
| 37 | BIOM-13. DNA METHYLATION MARKS GLUCOCORTICOID PATHWAY RESPONSE IN DEXAMETHASONE-TREATED BRAIN TUMOR PATIENTS. <i>Neuro-Oncology</i> , 2020, 22, ii4-ii4. | 1.2 | 0 |
| 38 | EPCO-25. AN IMMUNOMETHYLOMIC PLATFORM INTEGRATING SYSTEMIC IMMUNE PROFILES AND EPIGENETIC AGE IN NEURO-ONCOLOGY. <i>Neuro-Oncology</i> , 2020, 22, ii74-ii74. | 1.2 | 0 |
| 39 | MicroRNA-Related Genetic Variants Associated with Survival of Head and Neck Squamous Cell Carcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 127-136. | 2.5 | 17 |
| 40 | Comprehensive mapping of the methylation landscape of 16 CpG-dense regions in oral and pharyngeal squamous cell carcinoma. <i>Epigenomics</i> , 2019, 11, 987-1002. | 2.1 | 3 |
| 41 | Leveraging cell-specific differentially methylated regions to identify leukocyte infiltration in adipose tissue. <i>Genetic Epidemiology</i> , 2019, 43, 1018-1029. | 1.3 | 1 |
| 42 | Residential radon, genetic polymorphisms in DNA damage and repair-related. <i>Lung Cancer</i> , 2019, 135, 10-15. | 2.0 | 21 |
| 43 | Absence of an embryonic stem cell DNA methylation signature in human cancer. <i>BMC Cancer</i> , 2019, 19, 711. | 2.6 | 6 |
| 44 | Age at start of using tobacco on the risk of head and neck cancer: Pooled analysis in the International Head and Neck Cancer Epidemiology Consortium (INHANCE). <i>Cancer Epidemiology</i> , 2019, 63, 101615. | 1.9 | 12 |
| 45 | Serum dioxin and DNA methylation in the sperm of operation ranch hand veterans exposed to Agent Orange. <i>Environmental Health</i> , 2019, 18, 91. | 4.0 | 11 |
| 46 | Lung cancer risk and do-it-yourself activities. A neglected risk factor for lung cancer. <i>Environmental Research</i> , 2019, 179, 108812. | 7.5 | 9 |
| 47 | Systematic evaluation and validation of reference and library selection methods for deconvolution of cord blood DNA methylation data. <i>Clinical Epigenetics</i> , 2019, 11, 125. | 4.1 | 107 |
| 48 | Neonatal Adipocytokines and Longitudinal Patterns of Childhood Growth. <i>Obesity</i> , 2019, 27, 1323-1330. | 3.0 | 12 |
| 49 | Differential DNA methylation in blood as a mediator of the association between cigarette smoking and bladder cancer risk among postmenopausal women. <i>Epigenetics</i> , 2019, 14, 1065-1073. | 2.7 | 22 |
| 50 | Lung cancer and residential radon in never-smokers: A pooling study in the Northwest of Spain. <i>Environmental Research</i> , 2019, 172, 713-718. | 7.5 | 60 |
| 51 | A Bayesian framework for identifying consistent patterns of microbial abundance between body sites. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2019, 18, . | 0.6 | 4 |
| 52 | DNA methylation aging clocks: challenges and recommendations. <i>Genome Biology</i> , 2019, 20, 249. | 8.8 | 552 |
| 53 | The Microbiomes of Pancreatic and Duodenum Tissue Overlap and Are Highly Subject Specific but Differ between Pancreatic Cancer and Noncancer Subjects. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 370-383. | 2.5 | 120 |
| 54 | Immunomethylomics: A Novel Cancer Risk Prediction Tool. <i>Annals of the American Thoracic Society</i> , 2018, 15, S76-S80. | 3.2 | 18 |

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|----|--|-----|-----------|
| 55 | Differential expression and prognostic value of long non-coding RNA in HPV-negative head and neck squamous cell carcinoma. <i>Head and Neck</i> , 2018, 40, 1555-1564. | 2.0 | 28 |
| 56 | Alcohol consumption and lung cancer risk in never smokers: a pooled analysis of case-control studies. <i>European Journal of Public Health</i> , 2018, 28, 521-527. | 0.3 | 13 |
| 57 | Association of Neutrophil-to-Lymphocyte Ratio With Mortality and Cardiovascular Disease in the Jackson Heart Study and Modification by the Duffy Antigen Variant. <i>JAMA Cardiology</i> , 2018, 3, 455. | 6.1 | 130 |
| 58 | Radon exposure and tumors of the central nervous system. <i>Gaceta Sanitaria</i> , 2018, 32, 567-575. | 1.5 | 14 |
| 59 | IMMU-07. IMMUNE PROFILES IN THE SAN FRANCISCO ADULT GLIOMA STUDY (AGS) USING IMMUNOMETHYLOMICS. <i>Neuro-Oncology</i> , 2018, 20, vi122-vi122. | 1.2 | 0 |
| 60 | Prenatal exposure to perfluoroalkyl substances and adipocytokines: the HOME Study. <i>Pediatric Research</i> , 2018, 84, 854-860. | 2.3 | 10 |
| 61 | Variation in DNA methylation of human blood over a 1-year period using the Illumina MethylationEPIC array. <i>Epigenetics</i> , 2018, 13, 1056-1071. | 2.7 | 39 |
| 62 | Smoking induces coordinated DNA methylation and gene expression changes in adipose tissue with consequences for metabolic health. <i>Clinical Epigenetics</i> , 2018, 10, 126. | 4.1 | 110 |
| 63 | DNA methylation derived systemic inflammation indices are associated with head and neck cancer development and survival. <i>Oral Oncology</i> , 2018, 85, 87-94. | 1.5 | 17 |
| 64 | Tracing human stem cell lineage during development using DNA methylation. <i>Genome Research</i> , 2018, 28, 1285-1295. | 5.5 | 27 |
| 65 | Prenatal exposure to perfluoroalkyl substances. <i>Environmental Epidemiology</i> , 2018, 2, e010. | 3.0 | 53 |
| 66 | An optimized library for reference-based deconvolution of whole-blood biospecimens assayed using the Illumina HumanMethylationEPIC BeadArray. <i>Genome Biology</i> , 2018, 19, 64. | 8.8 | 245 |
| 67 | Variability and predictors of serum perfluoroalkyl substance concentrations during pregnancy and early childhood. <i>Environmental Research</i> , 2018, 165, 247-257. | 7.5 | 78 |
| 68 | Sex-specific epigenetic mediators between early life social disadvantage and adulthood BMI. <i>Epigenomics</i> , 2018, 10, 707-722. | 2.1 | 19 |
| 69 | Immunomethylomic approach to explore the blood neutrophil lymphocyte ratio (NLR) in glioma survival. <i>Clinical Epigenetics</i> , 2017, 9, 10. | 4.1 | 60 |
| 70 | The Intersection of Aging Biology and the Pathobiology of Lung Diseases: A Joint NHLBI/NIA Workshop. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 1492-1500. | 3.6 | 55 |
| 71 | Genome-scale identification of microRNA-related SNPs associated with risk of head and neck squamous cell carcinoma. <i>Carcinogenesis</i> , 2017, 38, 986-993. | 2.8 | 18 |
| 72 | Immune Response to HPV16 E6 and E7 Proteins and Patient Outcomes in Head and Neck Cancer. <i>JAMA Oncology</i> , 2017, 3, 178. | 7.1 | 25 |

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|----|---|------|-----------|
| 73 | DNA Methylation-Derived Neutrophil-to-Lymphocyte Ratio: An Epigenetic Tool to Explore Cancer Inflammation and Outcomes. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 328-338. | 2.5 | 62 |
| 74 | Maternal ambient air pollution, preterm birth and markers of fetal growth in Rhode Island: results of a hospital-based linkage study. <i>Journal of Epidemiology and Community Health</i> , 2017, 71, jech-2017-208963. | 3.7 | 29 |
| 75 | Environmental tobacco smoke exposure and EGFR and ALK alterations in never smokers' lung cancer. Results from the LCRINS study. <i>Cancer Letters</i> , 2017, 411, 130-135. | 7.2 | 9 |
| 76 | Maternal residential air pollution and placental imprinted gene expression. <i>Environment International</i> , 2017, 108, 204-211. | 10.0 | 26 |
| 77 | Dietary fiber intake and head and neck cancer risk: A pooled analysis in the International Head and Neck Cancer Epidemiology consortium. <i>International Journal of Cancer</i> , 2017, 141, 1811-1821. | 5.1 | 29 |
| 78 | Action levels for indoor radon: different risks for the same lung carcinogen?. <i>European Respiratory Journal</i> , 2017, 50, 1701609. | 6.7 | 20 |
| 79 | Maternal serum PFOA concentration and DNA methylation in cord blood: A pilot study. <i>Environmental Research</i> , 2017, 158, 174-178. | 7.5 | 28 |
| 80 | Variability and predictors of urinary concentrations of organophosphate flame retardant metabolites among pregnant women in Rhode Island. <i>Environmental Health</i> , 2017, 16, 40. | 4.0 | 74 |
| 81 | Residential radon and COPD. An ecological study in Galicia, Spain. <i>International Journal of Radiation Biology</i> , 2017, 93, 222-230. | 1.8 | 16 |
| 82 | THE AUTHORS REPLY. <i>American Journal of Epidemiology</i> , 2017, 186, 625-626. | 3.4 | 0 |
| 83 | Residential radon, <i>EGFR</i> mutations and <i>ALK</i> alterations in never-smoking lung cancer cases. <i>European Respiratory Journal</i> , 2016, 48, 1462-1470. | 6.7 | 32 |
| 84 | Reference-free deconvolution of DNA methylation data and mediation by cell composition effects. <i>BMC Bioinformatics</i> , 2016, 17, 259. | 2.6 | 202 |
| 85 | Maternal residential proximity to major roadways, birth weight, and placental DNA methylation. <i>Environment International</i> , 2016, 92-93, 43-49. | 10.0 | 64 |
| 86 | Enlarged leukocyte referent libraries can explain additional variance in blood-based epigenome-wide association studies. <i>Epigenomics</i> , 2016, 8, 1185-1192. | 2.1 | 14 |
| 87 | A new timepiece: an epigenetic mitotic clock. <i>Genome Biology</i> , 2016, 17, 216. | 8.8 | 8 |
| 88 | Epigenetic epidemiology as a tool to understand the role of immunity in chronic disease. <i>Epigenomics</i> , 2016, 8, 1007-1009. | 2.1 | 7 |
| 89 | Smokeless Tobacco Use and the Risk of Head and Neck Cancer: Pooled Analysis of US Studies in the INHANCE Consortium. <i>American Journal of Epidemiology</i> , 2016, 184, 703-716. | 3.4 | 78 |
| 90 | Epigenetic Mediators Between Childhood Socioeconomic Disadvantage and Mid-Life Body Mass Index: The New England Family Study. <i>Psychosomatic Medicine</i> , 2016, 78, 1053-1065. | 2.0 | 39 |

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|-----|--|-----|-----------|
| 91 | Improving cell mixture deconvolution by identifying optimal DNA methylation libraries (IDOL). BMC Bioinformatics, 2016, 17, 120. | 2.6 | 142 |
| 92 | The DNA methylation profile of activated human natural killer cells. Epigenetics, 2016, 11, 363-380. | 2.7 | 50 |
| 93 | Epigenome-wide profiling of DNA methylation in paired samples of adipose tissue and blood. Epigenetics, 2016, 11, 227-236. | 2.7 | 59 |
| 94 | Small cell lung cancer in never-smokers. European Respiratory Journal, 2016, 47, 947-953. | 6.7 | 32 |
| 95 | CpG island methylation profile in non-invasive oral rinse samples is predictive of oral and pharyngeal carcinoma. Clinical Epigenetics, 2015, 7, 125. | 4.1 | 19 |
| 96 | A Coding Variant in TMC8 (EVER2) Is Associated with High Risk HPV Infection and Head and Neck Cancer Risk. PLoS ONE, 2015, 10, e0123716. | 2.5 | 9 |
| 97 | DNA Methylation in Whole Blood: Uses and Challenges. Current Environmental Health Reports, 2015, 2, 145-154. | 6.7 | 109 |
| 98 | Lower Urinary Tract Symptoms and Risk of Bladder Cancer in Men: Results From the Health Professionals Follow-up Study. Urology, 2015, 85, 1312-1318. | 1.0 | 14 |
| 99 | Natural vitamin C intake and the risk of head and neck cancer: pooled analysis in the International Head and Neck Cancer Epidemiology Consortium. International Journal of Cancer, 2015, 137, 448-462. | 5.1 | 46 |
| 100 | Serum macrophage-derived chemokine/CCL22 levels are associated with glioma risk, CD4 T cell lymphopenia and survival time. International Journal of Cancer, 2015, 137, 826-836. | 5.1 | 38 |
| 101 | Expression of tumor suppressive microRNA-34a is associated with a reduced risk of bladder cancer recurrence. International Journal of Cancer, 2015, 137, 1158-1166. | 5.1 | 36 |
| 102 | Epigenetic patterns in successful weight loss maintainers: a pilot study. International Journal of Obesity, 2015, 39, 865-868. | 3.4 | 41 |
| 103 | Adiposity is associated with DNA methylation profile in adipose tissue. International Journal of Epidemiology, 2015, 44, 1277-1287. | 1.9 | 79 |
| 104 | Cell-composition effects in the analysis of DNA methylation array data: a mathematical perspective. BMC Bioinformatics, 2015, 16, 95. | 2.6 | 90 |
| 105 | Human papillomavirus serology and tobacco smoking in a community control group. BMC Infectious Diseases, 2015, 15, 8. | 2.9 | 17 |
| 106 | DNA methylation changes in the placenta are associated with fetal manganese exposure. Reproductive Toxicology, 2015, 57, 43-49. | 2.9 | 43 |
| 107 | Understanding the Role of the Immune System in the Development of Cancer: New Opportunities for Population-Based Research. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 1811-1819. | 2.5 | 17 |
| 108 | Obesity and head and neck cancer risk and survival by human papillomavirus serology. Cancer Causes and Control, 2015, 26, 111-119. | 1.8 | 24 |

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|-----|--|------|-----------|
| 109 | Epigenetics of lung cancer. <i>Translational Research</i> , 2015, 165, 74-90. | 5.0 | 131 |
| 110 | Leukocyte-adjusted epigenome-wide association studies of blood from solid tumor patients. <i>Epigenetics</i> , 2014, 9, 884-895. | 2.7 | 35 |
| 111 | Mechanisms of Environmental and Occupational Carcinogenesis. , 2014, , 33-48. | | 0 |
| 112 | A novel approach to the discovery of survival biomarkers in glioblastoma using a joint analysis of DNA methylation and gene expression. <i>Epigenetics</i> , 2014, 9, 873-883. | 2.7 | 27 |
| 113 | A comparison of DNA methylation specific droplet digital PCR (ddPCR) and real time qPCR with flow cytometry in characterizing human T cells in peripheral blood. <i>Epigenetics</i> , 2014, 9, 1360-1365. | 2.7 | 41 |
| 114 | Genetics and Gene-Environment Interactions. , 2014, , 21-31. | | 0 |
| 115 | Quantitative reconstruction of leukocyte subsets using DNA methylation. <i>Genome Biology</i> , 2014, 15, R50. | 9.6 | 124 |
| 116 | High-risk HPV types and head and neck cancer. <i>International Journal of Cancer</i> , 2014, 135, 1653-1661. | 5.1 | 97 |
| 117 | Associations between serum perfluoroalkyl acids and LINE-1 DNA methylation. <i>Environment International</i> , 2014, 63, 71-76. | 10.0 | 59 |
| 118 | Novel DNA methylation targets in oral rinse samples predict survival of patients with oral squamous cell carcinoma. <i>Oral Oncology</i> , 2014, 50, 1072-1080. | 1.5 | 20 |
| 119 | A recursively partitioned mixture model for clustering time-course gene expression data. <i>Translational Cancer Research</i> , 2014, 3, 217-232. | 1.0 | 4 |
| 120 | Gastric Reflux Is an Independent Risk Factor for Laryngopharyngeal Carcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013, 22, 1061-1068. | 2.5 | 62 |
| 121 | Periodontal disease and mouthwash use are risk factors for head and neck squamous cell carcinoma. <i>Cancer Causes and Control</i> , 2013, 24, 1315-1322. | 1.8 | 48 |
| 122 | Recommendations for the design and analysis of epigenome-wide association studies. <i>Nature Methods</i> , 2013, 10, 949-955. | 19.0 | 345 |
| 123 | The fate is not always written in the genes: Epigenomics in epidemiologic studies. <i>Environmental and Molecular Mutagenesis</i> , 2013, 54, 533-541. | 2.2 | 40 |
| 124 | Recursively partitioned mixture model clustering of DNA methylation data using biologically informed correlation structures. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2013, 12, 225-40. | 0.6 | 13 |
| 125 | Occupational asbestos exposure is associated with pharyngeal squamous cell carcinoma in men from the greater Boston area. <i>Occupational and Environmental Medicine</i> , 2013, 70, 858-863. | 2.8 | 19 |
| 126 | Occupational dust exposure and head and neck squamous cell carcinoma risk in a population-based case-control study conducted in the greater Boston area. <i>Cancer Medicine</i> , 2013, 2, 978-986. | 2.8 | 21 |

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|-----|--|-----|-----------|
| 127 | Smokeless tobacco and risk of head and neck cancer: Evidence from a case-control study in New England. <i>International Journal of Cancer</i> , 2013, 132, 1911-1917. | 5.1 | 55 |
| 128 | Blood-based profiles of DNA methylation predict the underlying distribution of cell types. <i>Epigenetics</i> , 2013, 8, 816-826. | 2.7 | 213 |
| 129 | Analysis of the Distribution and Temporal Trends of Grade and Stage in Urothelial Bladder Cancer in Northern New England from 1994 to 2004. <i>ISRN Pathology</i> , 2012, 2012, 1-7. | 0.4 | 4 |
| 130 | Decreased NK Cells in Patients with Head and Neck Cancer Determined in Archival DNA. <i>Clinical Cancer Research</i> , 2012, 18, 6147-6154. | 7.0 | 48 |
| 131 | Key epigenetic changes associated with lung cancer development. <i>Epigenetics</i> , 2012, 7, 559-566. | 2.7 | 43 |
| 132 | Epigenetic biomarkers of T-cells in human glioma. <i>Epigenetics</i> , 2012, 7, 1391-1402. | 2.7 | 31 |
| 133 | Biomarkers of HPV in Head and Neck Squamous Cell Carcinoma. <i>Cancer Research</i> , 2012, 72, 5004-5013. | 0.9 | 122 |
| 134 | Peripheral Blood Immune Cell Methylation Profiles Are Associated with Nonhematopoietic Cancers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 1293-1302. | 2.5 | 103 |
| 135 | Regular dental visits are associated with earlier stage at diagnosis for oral and pharyngeal cancer. <i>Cancer Causes and Control</i> , 2012, 23, 1821-1829. | 1.8 | 49 |
| 136 | Identification of an Epigenetic Profile Classifier That Is Associated with Survival in Head and Neck Cancer. <i>Cancer Research</i> , 2012, 72, 2728-2737. | 0.9 | 42 |
| 137 | DNA methylation arrays as surrogate measures of cell mixture distribution. <i>BMC Bioinformatics</i> , 2012, 13, 86. | 2.6 | 2,563 |
| 138 | LINE-1 DNA Methylation, Smoking and Risk of Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2012, 2, 303-308. | 2.8 | 19 |
| 139 | Peripheral blood DNA methylation profiles are indicative of head and neck squamous cell carcinoma: An epigenome-wide association study. <i>Epigenetics</i> , 2012, 7, 291-299. | 2.7 | 84 |
| 140 | Gene-environment interactions of novel variants associated with head and neck cancer. <i>Head and Neck</i> , 2012, 34, 1111-1118. | 2.0 | 24 |
| 141 | LINE-1 hypomethylation is associated with bladder cancer risk among nonsmoking Chinese. <i>International Journal of Cancer</i> , 2012, 130, 1151-1159. | 5.1 | 75 |
| 142 | Global Methylation in Exposure Biology and Translational Medical Science. <i>Environmental Health Perspectives</i> , 2011, 119, 1528-1533. | 6.0 | 87 |
| 143 | A Genome-Wide Association Study of Upper Aerodigestive Tract Cancers Conducted within the INHANCE Consortium. <i>PLoS Genetics</i> , 2011, 7, e1001333. | 3.5 | 158 |
| 144 | DNA hypermethylation profiles associated with glioma subtypes and EZH2 and IGF2 mRNA expression. <i>Neuro-Oncology</i> , 2011, 13, 280-289. | 1.2 | 63 |

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|-----|--|-----|-----------|
| 145 | Cardiovascular disease risk factors and DNA methylation at the <i>LINE-1</i> repeat region in peripheral blood from Samoan Islanders. <i>Epigenetics</i> , 2011, 6, 1257-1264. | 2.7 | 95 |
| 146 | DNA Methylation, Isocitrate Dehydrogenase Mutation, and Survival in Glioma. <i>Journal of the National Cancer Institute</i> , 2011, 103, 143-153. | 6.3 | 224 |
| 147 | DNA Methylation Array Analysis Identifies Profiles of Blood-Derived DNA Methylation Associated With Bladder Cancer. <i>Journal of Clinical Oncology</i> , 2011, 29, 1133-1139. | 1.6 | 118 |
| 148 | Global Hypomethylation Identifies Loci Targeted for Hypermethylation in Head and Neck Cancer. <i>Clinical Cancer Research</i> , 2011, 17, 3579-3589. | 7.0 | 75 |
| 149 | Polycomb group genes are targets of aberrant DNA methylation in renal cell carcinoma. <i>Epigenetics</i> , 2011, 6, 703-709. | 2.7 | 27 |
| 150 | The influence of aging, environmental exposures and local sequence features on the variation of DNA methylation in blood. <i>Epigenetics</i> , 2011, 6, 908-919. | 2.7 | 56 |
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