Angeline S Andrew

List of Publications by Year
in descending order

107 papers	4,882 citations	94433 37 h-index	106344 65 g-index
111 all docs	111 docs citations	111 times ranked	7632 citing authors

#	Article	IF	Citations
1	Large-scale association analysis identifies new lung cancer susceptibility loci and heterogeneity in genetic susceptibility across histological subtypes. Nature Genetics, 2017, 49, 1126-1132.	21.4	472
2	MicroRNA-31 functions as an oncogenic microRNA in mouse and human lung cancer cells by repressing specific tumor suppressors. Journal of Clinical Investigation, 2010, 120, 1298-1309.	8.2	353
3	Genomic and proteomic profiling of responses to toxic metals in human lung cells.. Environmental Health Perspectives, 2003, 111, 825-835.	6.0	203
4	Arsenic Exposure Is Associated with Decreased DNA Repair in Vitro and in Individuals Exposed to Drinking Water Arsenic. Environmental Health Perspectives, 2006, 114, 1193-1198.	6.0	170
5	Concordance of multiple analytical approaches demonstrates a complex relationship between DNA repair gene SNPs, smoking and bladder cancer susceptibility. Carcinogenesis, 2006, 27, 1030-1037.	2.8	161
6	Decreased DNA repair gene expression among individuals exposed to arsenic in United States drinking water. International Journal of Cancer, 2003, 104, 263-268.	5.1	154
7	Lung Cancer in a U.S. Population with Low to Moderate Arsenic Exposure. Environmental Health Perspectives, 2009, 117, 1718-1723.	6.0	137
8	Drinking-Water Arsenic Exposure Modulates Gene Expression in Human Lymphocytes from a U.S. Population. Environmental Health Perspectives, 2008, 116, 524-531.	6.0	129
9	Epigenetic Inactivation of SFRP Genes and TP53 Alteration Act Jointly as Markers of Invasive Bladder Cancer. Cancer Research, 2005, 65, 7081-7085.	0.9	125
10	Polymorphisms in DNA Repair Genes, Smoking, and Bladder Cancer Risk: Findings from the International Consortium of Bladder Cancer. Cancer Research, 2009, 69, 6857-6864.	0.9	107
11	Characterizing genetic interactions in human disease association studies using statistical epistasis networks. BMC Bioinformatics, 2011, 12, 364.	2.6	106
12	DNA Repair Polymorphisms Modify Bladder Cancer Risk: A Multi-factor Analytic Strategy. Human Heredity, 2008, 65, 105-118.	0.8	101
13	Shared heritability and functional enrichment across six solid cancers. Nature Communications, 2019, 10, 431.	12.8	88
14	Bladder cancer SNP panel predicts susceptibility and survival. Human Genetics, 2009, 125, 527-539.	3.8	85
15	Identification of Methylated Genes Associated with Aggressive Bladder Cancer. PLoS ONE, 2010, 5, e12334.	2.5	82
16	Bladder cancer risk and personal hair dye use. International Journal of Cancer, 2004, 109, 581-586.	5.1	80
17	A computationally efficient hypothesis testing method for epistasis analysis using multifactor dimensionality reduction. Genetic Epidemiology, 2009, 33, 87-94.	1.3	80
18	Body mass and smoking are modifiable risk factors for recurrent bladder cancer. Cancer, 2014, 120, 408-414.	4.1	78

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19	Causal relationships between body mass index, smoking and lung cancer: Univariable and multivariable Mendelian randomization. International Journal of Cancer, 2021, 148, 1077-1086.	5.1	73
20	Using Bayesian networks to discover relations between genes, environment, and disease. BioData Mining, 2013, 6, 6.	4.0	71
21	Arsenic Activates EGFR Pathway Signaling in the Lung. Toxicological Sciences, 2009, 109, 350-357.	3.1	63
22	A Robust Multifactor Dimensionality Reduction Method for Detecting Gene-Gene Interactions with Application to the Genetic Analysis of Bladder Cancer Susceptibility. Annals of Human Genetics, 2011, 75, 20-28.	0.8	62
23	Environmental and Occupational Exposures and Amyotrophic Lateral Sclerosis in New England. Neurodegenerative Diseases, 2017, 17, 110-116.	1.4	60
24	Identification of susceptibility pathways for the role of chromosome 15q25.1 in modifying lung cancer risk. Nature Communications, 2018, 9, 3221.	12.8	60
25	Role of genetic heterogeneity and epistasis in bladder cancer susceptibility and outcome: a learning classifier system approach. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 603-612.	4.4	59
26	A novel survival multifactor dimensionality reduction method for detecting geneâ€“gene interactions with application to bladder cancer prognosis. Human Genetics, 2011, 129, 101-110.	3.8	57
27	Detecting gene-gene interactions using a permutation-based random forest method. BioData Mining, 2016, 9, 14.	4.0	51
28	Assessing Cyanobacterial Harmful Algal Blooms as Risk Factors for Amyotrophic Lateral Sclerosis. Neurotoxicity Research, 2018, 33, 199-212.	2.7	50
29	Assessing Lung Cancer Absolute Risk Trajectory Based on a Polygenic Risk Model. Cancer Research, 2021, 81, 1607-1615.	0.9	50
30	Nickel requires hypoxia-inducible factor-1Î±, not redox signaling, to induce plasminogen activator inhibitor-1. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 281, L607-L615.	2.9	47
31	Exposure to Arsenic at Levels Found in U.S. Drinking Water Modifies Expression in the Mouse Lung. Toxicological Sciences, 2007, 100, 75-87.	3.1	47
32	Identifying aerosolized cyanobacteria in the human respiratory tract: A proposed mechanism for cyanotoxin-associated diseases. Science of the Total Environment, 2018, 645, 1003-1013.	8.0	44
33	DNA repair genotype interacts with arsenic exposure to increase bladder cancer riskâ˜†. Toxicology Letters, 2009, 187, 10-14.	0.8	42
34	A Novel Pathway for Nickel-induced Interleukin-8 Expression. Journal of Biological Chemistry, 2002, 277, 24225-24231.	3.4	41
35	TP53 alterations and patterns of carcinogen exposure in a U.S. populationâ€based study of bladder cancer. International Journal of Cancer, 2005, 117, 370-375.	5.1	40
36	Distinct patterns of DNA methylation in conventional adenomas involving the right and left colon. Modern Pathology, 2014, 27, 145-155.	5.5	40

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37	Genetic Risk Can Be Decreased: Quitting Smoking Decreases and Delays Lung Cancer for Smokers With High and Low CHRNA5 Risk Genotypes â€" A Meta-Analysis. EBioMedicine, 2016, 11, 219-226.	6.1	40
38	Risk Factors for Diagnosis of Colorectal Cancer at a Late Stage: a Population-Based Study. Journal of General Internal Medicine, 2018, 33, 2100-2105.	2.6	38
39	Expression of tumor suppressive micro<scp>RNA</scp>â€34a is associated with a reduced risk of bladder cancer recurrence. International Journal of Cancer, 2015, 137, 1158-1166.	5.1	36
40	Risk factors for amyotrophic lateral sclerosis: A regional United States caseâ€control study. Muscle and Nerve, 2021, 63, 52-59.	2.2	36
41	Survival Following the Diagnosis of Noninvasive Bladder Cancer: WHO/International Society of Urological Pathology Versus WHO Classification Systems. Journal of Urology, 2007, 178, 1196-1200.	0.4	35
42	Histological classification and stage of newly diagnosed bladder cancer in a population-based study from the Northeastern United States. Scandinavian Journal of Urology and Nephrology, 2008, 42, 237-242.	1.4	35
43	ENABLING PERSONAL GENOMICS WITH AN EXPLICIT TEST OF EPISTASIS. , 2009, , 327-336.		35
44	Alcohol and lung cancer risk among never smokers: A pooled analysis from the international lung cancer consortium and the SYNERGY study. International Journal of Cancer, 2017, 140, 1976-1984.	5.1	35
45	SLC39A2 and FSIP1 polymorphisms as potential modifiers of arsenic-related bladder cancer. Human Genetics, 2012, 131, 453-461.	3.8	34
46	Hyper-Methylated Loci Persisting from Sessile Serrated Polyps to Serrated Cancers. International Journal of Molecular Sciences, 2017, 18, 535.	4.1	33
47	Transcriptomeâ€wide association study reveals candidate causal genes for lung cancer. International Journal of Cancer, 2020, 146, 1862-1878.	5.1	33
48	Mendelian Randomization and mediation analysis of leukocyte telomere length and risk of lung and head and neck cancers. International Journal of Epidemiology, 2019, 48, 751-766.	1.9	32
49	Antiepileptic drug effects on subjective and objective cognition. Epilepsy and Behavior, 2020, 104, 106906.	1.7	32
50	Methylenetetrahydrofolate reductase (MTHFR) variants and bladder cancer: A population-based case-control study. International Journal of Hygiene and Environmental Health, 2005, 208, 321-327.	4.3	31
51	Protein-altering germline mutations implicate novel genes related to lung cancer development. Nature Communications, 2020, 11, 2220.	12.8	31
52	Genome-wide interaction study of smoking behavior and non-small cell lung cancer risk in Caucasian population. Carcinogenesis, 2018, 39, 336-346.	2.8	29
53	Menstrual and reproductive factors and lung cancer risk: A pooled analysis from the international lung cancer consortium. International Journal of Cancer, 2017, 141, 309-323.	5.1	28
54	Genetic polymorphisms modify bladder cancer recurrence and survival in a <scp>USA</scp> populationâ€based prognostic study. BJU International, 2015, 115, 238-247.	2.5	27

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55	Genetic modifiers of radon-induced lung cancer risk: a genome-wide interaction study in former uranium miners. International Archives of Occupational and Environmental Health, 2018, 91, 937-950.	2.3	27
56	Lung Cancer Risk in Never-Smokers of European Descent is Associated With Genetic Variation in the 5p15.33 TERT-CLPTM1Ll Region. Journal of Thoracic Oncology, 2019, 14, 1360-1369.	1.1	27
57	A Simple and Computationally Efficient Sampling Approach to Covariate Adjustment for Multifactor Dimensionality Reduction Analysis of Epistasis. Human Heredity, 2010, 70, 219-225.	0.8	26
58	Genetic interaction analysis among oncogenesis-related genes revealed novel genes and networks in lung cancer development. Oncotarget, 2019, 10, 1760-1774.	1.8	25
59	Pesticides applied to crops and amyotrophic lateral sclerosis risk in the U.S. NeuroToxicology, 2021, 87, 128-135.	3.0	25
60	Toenail mercury Levels are associated with amyotrophic lateral sclerosis risk. Muscle and Nerve, 2018, 58, 36-41.	2.2	24
61	Estimation of environmental exposure: interpolation, kernel density estimation or snapshotting. Annals of GIS, 2019, 25, 1-8.	3.1	23
62	Immune-mediated genetic pathways resulting in pulmonary function impairment increase lung cancer susceptibility. Nature Communications, 2020, 11, 27.	12.8	23
63	Alcohol consumption and lung cancer risk: A pooled analysis from the International Lung Cancer Consortium and the SYNERGY study. Cancer Epidemiology, 2019, 58, 25-32.	1.9	22
64	Elevated Platelet Count Appears to Be Causally Associated with Increased Risk of Lung Cancer: A Mendelian Randomization Analysis. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 935-942.	2.5	21
65	Comprehensive functional annotation of susceptibility variants identifies genetic heterogeneity between lung adenocarcinoma and squamous cell carcinoma. Frontiers of Medicine, 2021, 15, 275-291.	3.4	21
66	Nickel-Induced Plasminogen Activator Inhibitor-1 Expression Inhibits the Fibrinolytic Activity of Human Airway Epithelial Cells. Toxicology and Applied Pharmacology, 2000, 168, 50-57.	2.8	20
67	MicroRNA Dysregulation and Non-Muscleâ€“Invasive Bladder Cancer Prognosis. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 782-788.	2.5	19
68	Genome-wide association meta-analysis identifies pleiotropic risk loci for aerodigestive squamous cell cancers. PLoS Genetics, 2021, 17, e1009254.	3.5	19
69	AP-1-dependent induction of plasminogen activator inhibitor-1 by nickel does not require reactive oxygen. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 281, L616-L623.	2.9	18
70	HSD3B and Gene-Gene Interactions in a Pathway-Based Analysis of Genetic Susceptibility to Bladder Cancer. PLoS ONE, 2012, 7, e51301.	2.5	18
71	A Large-Scale Genome-Wide Gene-Gene Interaction Study of Lung Cancer Susceptibility in Europeans With a Trans-Ethnic Validation in Asians. Journal of Thoracic Oncology, 2022, 17, 974-990.	1.1	18
72	Changes in Primary Care Health Care Utilization after Inclusion of Epidemiologic Data in Lumbar Spine MR Imaging Reports for Uncomplicated Low Back Pain. Radiology, 2018, 287, 563-569.	7.3	16

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73	Delays and disparities in diagnosis for adults with epilepsy: Findings from U.S. Medicaid data. Epilepsy Research, 2020, 166, 106406.	1.6	15
74	Arsenic exposure predicts bladder cancer survival in a US population. World Journal of Urology, 2010, 28, 487-492.	2.2	14
75	A System-Level Pathway-Phenotype Association Analysis Using Synthetic Feature Random Forest. Genetic Epidemiology, 2014, 38, 209-219.	1.3	13
76	Keratinous biomarker of mercury exposure associated with amyotrophic lateral sclerosis risk in a nationwide U.S. study. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2020, 21, 420-427.	1.7	13
77	Immune profiles and DNA methylation alterations related with non-muscle-invasive bladder cancer outcomes. Clinical Epigenetics, 2022, 14, 14.	4.1	13
78	Identification of Let-7f-5p as a novel biomarker of recurrence in non-muscle invasive bladder cancer. Cancer Biomarkers, 2020, 29, 101-110.	1.7	12
79	Functional dyadicity and heterophilicity of gene-gene interactions in statistical epistasis networks. BioData Mining, 2015, 8, 43.	4.0	11
80	Airborne lead and polychlorinated biphenyls (PCBs) are associated with amyotrophic lateral sclerosis (ALS) risk in the U.S. Science of the Total Environment, 2022, 819, 153096.	8.0	9
81	STATISTICAL EPISTASIS NETWORKS REDUCE THE COMPUTATIONAL COMPLEXITY OF SEARCHING THREE-LOCUS GENETIC MODELS. , 2012, , .		8
82	Statistical epistasis networks reduce the computational complexity of searching three-locus genetic models. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2013, , 397-408.	0.7	8
83	Genomeâ€wide association study of INDELs identified four novel susceptibility loci associated with lung cancer risk. International Journal of Cancer, 2020, 146, 2855-2864.	5.1	7
84	Integration of multiomic annotation data to prioritize and characterize inflammation and immuneâ€related risk variants in squamous cell lung cancer. Genetic Epidemiology, 2021, 45, 99-114.	1.3	7
85	A perspective on persistent toxicants in veterans and amyotrophic lateral sclerosis: identifying exposures determining higher ALS risk. Journal of Neurology, 2022, 269, 2359-2377.	3.6	7
86	Complex systems analysis of bladder cancer susceptibility reveals a role for decarboxylase activity in two genome-wide association studies. BioData Mining, 2016, 9, 40.	4.0	6
87	Association Analysis of Driver Geneâ€“Related Genetic Variants Identified Novel Lung Cancer Susceptibility Loci with 20,871 Lung Cancer Cases and 15,971 Controls. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1423-1429.	2.5	6
88	ALS risk factors: Industrial airborne chemical releases. Environmental Pollution, 2022, 295, 118658.	7.5	6
89	Systematic analyses of regulatory variants in DNase I hypersensitive sites identified two novel lung cancer susceptibility loci. Carcinogenesis, 2019, 40, 432-440.	2.8	5
90	The Incidence of Amyotrophic Lateral Sclerosis in Ohio 2016â€“2018: The Ohio Population-Based ALS Registry. Neuroepidemiology, 2021, 55, 196-205.	2.3	5

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91	Features of intracranial interictal epileptiform discharges associated with memory encoding. Epilepsia, 2021, 62, 2615-2626.	5.1	5
92	Analysis of the Distribution and Temporal Trends of Grade and Stage in Urothelial Bladder Cancer in Northern New England from 1994 to 2004. ISRN Pathology, 2012, 2012, 1-7.	0.4	4
93	Medical history of chemotherapy or immunosuppressive drug treatment and risk of amyotrophic lateral sclerosis (ALS). Journal of Neurology, 2017, 264, 1763-1767.	3.6	4
94	Self-management practices associated with quality of life for adults with epilepsy. Journal of Neurology, 2019, 266, 2821-2828.	3.6	4
95	Amyotrophic Lateral Sclerosis Risk, Family Income, and Fish Consumption Estimates of Mercury and Omega-3 PUFAs in the United States. International Journal of Environmental Research and Public Health, 2021, 18, 4528.	2.6	4
96	A screening-testing approach for detecting gene-environment interactions using sequential penalized and unpenalized multiple logistic regression. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2015, , 183-94.	0.7	4
97	Kidney Cancer Risk Associated with Historic Groundwater Trichloroethylene Contamination. International Journal of Environmental Research and Public Health, 2022, 19, 618.	2.6	4
98	Genome-wide interaction analysis identified low-frequency variants with sex disparity in lung cancer risk. Human Molecular Genetics, 2022, 31, 2831-2843.	2.9	4
99	Incorporating prior expert knowledge in learning Bayesian networks from genetic epidemiological data. , 2014, , .		3
100	Supervising Random Forest Using Attribute Interaction Networks. Lecture Notes in Computer Science, 2013, , 104-116.	1.3	3
101	Balance and reaction time do not rapidly improve off antiseizure drugs. Epilepsy and Behavior, 2019, 97, 158-160.	1.7	2
102	Genomic and Proteomic Profiling of Responses to Toxic Metals in Human Lung Cells. Environmental Health Perspectives, 2008, , .	6.0	1
103	Lifestyle Factors and Parkinsonâ€™s Disease Risk in a Rural New England Case-Control Study. Parkinson's Disease, 2021, 2021, 1-7.	1.1	1
104	Accounting for EGFR Mutations in Epidemiologic Analyses of Nonâ€“Small Cell Lung Cancers: Examples Based on the International Lung Cancer Consortium Data. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 679-687.	2.5	1
105	Geneâ€“gene interaction of AhRwith and within the Wntcascade affects susceptibility to lung cancer. European Journal of Medical Research, 2022, 27, 14.	2.2	1
106	Analysis of Complex Datasets. , 0, , 207-222.		0
107	Novel Analytical Methods for Association Studies. , 2008, , 169-187.		0