Shanbeh Zienolddiny

List of Publications by Year
in descending order

85 papers	4,280 citations	136885 32 h-index	118793 62 g-index
86 all docs	86 docs citations	86 times ranked	7456 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.	9.4	472
2	Polymorphisms of DNA repair genes and risk of non-small cell lung cancer. Carcinogenesis, 2006, 27, 560-567.	1.3	365
3	Carcinogenicity of night shift work. Lancet Oncology, The, 2019, 20, 1058-1059.	5.1	219
4	Association of a common polymorphism in the cyclooxygenase 2 gene with risk of non-small cell lung cancer. Carcinogenesis, 2003, 25, 229-235.	1.3	184
5	Replication of Lung Cancer Susceptibility Loci at Chromosomes 15q25, 5p15, and 6p21: A Pooled Analysis From the International Lung Cancer Consortium. Journal of the National Cancer Institute, 2010, 102, 959-971.	3.0	174
6	Night Work and Breast Cancer Risk Among Norwegian Nurses: Assessment by Different Exposure Metrics. American Journal of Epidemiology, 2011, 173, 1272-1279.	1.6	148
7	Association of a functional polymorphism in the promoter of theMDM2 gene with risk of nonsmall cell lung cancer. International Journal of Cancer, 2006, 119, 718-721.	2.3	143
8	Polymorphisms of the interleukin-1 ? gene are associated with increased risk of non-small cell lung cancer. International Journal of Cancer, 2004, 109, 353-356.	2.3	130
9	A comprehensive analysis of phase I and phase II metabolism gene polymorphisms and risk of non-small cell lung cancer in smokers. Carcinogenesis, 2008, 29, 1164-1169.	1.3	123
10	Genome-Wide Analysis of Survival in Early-Stage Nonâ€“Small-Cell Lung Cancer. Journal of Clinical Oncology, 2009, 27, 2660-2667.	0.8	110
11	The TERT-CLPTM1L lung cancer susceptibility variant associates with higher DNA adduct formation in the lung. Carcinogenesis, 2009, 30, 1368-1371.	1.3	95
12	International Lung Cancer Consortium: Pooled Analysis of Sequence Variants in DNA Repair and Cell Cycle Pathways. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 3081-3089.	1.1	93
13	In vitrogenotoxicity testing of four reference metal nanomaterials, titanium dioxide, zinc oxide, cerium oxide and silver: towards reliable hazard assessment. Mutagenesis, 2017, 32, 117-126.	1.0	93
14	A specific interleukin-1B haplotype correlates with high levels of IL1B mRNA in the lung and increased risk of non-small cell lung cancer. Carcinogenesis, 2009, 30, 1186-1192.	1.3	81
15	Informed Conditioning on Clinical Covariates Increases Power in Case-Control Association Studies. PLoS Genetics, 2012, 8, e1003032.	1.5	78
16	Analysis of polymorphisms in the circadian-related genes and breast cancer risk in Norwegian nurses working night shifts. Breast Cancer Research, 2013, 15, R53.	2.2	76
17	DNA methylation at promoter regions of interleukin 1B, interleukin 6, and interleukin 8 in non-small cell lung cancer. Cancer Immunology, Immunotherapy, 2013, 62, 337-345.	2.0	75
18	Causal relationships between body mass index, smoking and lung cancer: Univariable and multivariable Mendelian randomization. International Journal of Cancer, 2021, 148, 1077-1086.	2.3	73

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19	CHRNA5 Risk Variant Predicts Delayed Smoking Cessation and Earlier Lung Cancer Diagnosisâ€"A Meta-Analysis. Journal of the National Cancer Institute, 2015, 107, .	3.0	72
20	Interleukin 1 receptor antagonist gene polymorphism and risk of lung cancer: A possible interaction with polymorphisms in the interleukin 1 beta gene. Lung Cancer, 2005, 50, 285-290.	0.9	65
21	Cigarette smoking increases copy number alterations in nonsmall-cell lung cancer. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16345-16350.	3.3	61
22	A combination of functional polymorphisms in the CASP8, MMP1, IL10 and SEPS1 genes affects risk of non-small cell lung cancer. Lung Cancer, 2011, 71, 123-129.	0.9	60
23	Identification of susceptibility pathways for the role of chromosome 15q25.1 in modifying lung cancer risk. Nature Communications, 2018, 9, 3221.	5.8	60
24	Differential binding of proteins to the IL1B â^'31 T/C polymorphism in lung epithelial cells. Cytokine, 2007, 38, 43-48.	1.4	59
25	DNA methylation of the CYP1A1 enhancer is associated with smokingâ€induced genetic alterations in human lung. International Journal of Cancer, 2012, 131, 1509-1516.	2.3	57
26	International Lung Cancer Consortium: Coordinated association study of 10 potential lung cancer susceptibility variants. Carcinogenesis, 2010, 31, 625-633.	1.3	56
27	Induction of microsatellite mutations by oxidative agents in human lung cancer cell lines. Carcinogenesis, 2000, 21, 1521-1526.	1.3	53
28	Induction of microsatellite mutations by oxidative agents in human lung cancer cell lines. Carcinogenesis, 2000, 21, 1521-1526.	1.3	46
29	CTCF mediates theTERTenhancer-promoter interactions in lung cancer cells: Identification of a novel enhancer region involved in the regulation ofTERTgene. International Journal of Cancer, 2014, 134, 2305-2313.	2.3	43
30	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.	2.7	40
31	Mechanisms of breast cancer risk in shift workers: association of telomere shortening with the duration and intensity of night work. Cancer Medicine, 2017, 6, 1988-1997.	1.3	39
32	Polymorphisms of dopamine receptor/transporter genes and risk of non-small cell lung cancer. Lung Cancer, 2007, 56, 17-23.	0.9	37
33	Transcriptomeâ€wide association study reveals candidate causal genes for lung cancer. International Journal of Cancer, 2020, 146, 1862-1878.	2.3	33
34	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.	0.9	32
35	Criteria for grouping of manufactured nanomaterials to facilitate hazard and risk assessment, a systematic review of expert opinions. Regulatory Toxicology and Pharmacology, 2018, 95, 270-279.	1.3	30
36	Genome-wide interaction study of smoking behavior and non-small cell lung cancer risk in Caucasian population. Carcinogenesis, 2018, 39, 336-346.	1.3	29

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37	Cellulose nanocrystals modulate alveolar macrophage phenotype and phagocytic function. Biomaterials, 2019, 203, 31-42.	5.7	29
38	Association of the FAM46A Gene VNTRs and BAG6 rs3117582 SNP with Non Small Cell Lung Cancer (NSCLC) in Croatian and Norwegian Populations. PLoS ONE, 2015, 10, e0122651.	1.1	28
39	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.	1.1	27
40	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.	0.5	27
41	Mechanisms of Breast Cancer in Shift Workers: DNA Methylation in Five Core Circadian Genes in Nurses Working Night Shifts. Journal of Cancer, 2017, 8, 2876-2884.	1.2	25
42	Genetic interaction analysis among oncogenesis-related genes revealed novel genes and networks in lung cancer development. Oncotarget, 2019, 10, 1760-1774.	0.8	25
43	A catalogue of polymorphisms related to xenobiotic metabolism and cancer susceptibility. Pharmacogenetics and Genomics, 2002, 12, 459-463.	5.7	24
44	Breast Cancer Among Nurses: Is the Intensity of Night Work Related to Hormone Receptor Status?. American Journal of Epidemiology, 2013, 178, 110-117.	1.6	24
45	Effects on human bronchial epithelial cells following low-dose chronic exposure to nanomaterials: A 6-month transformation study. Toxicology in Vitro, 2017, 44, 230-240.	1.1	22
46	Frequency of TP53 Mutations in Relation to Arg72Pro Genotypes in Nonâ€“Small Cell Lung Cancer. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 2077-2081.	1.1	21
47	Circadian gene methylation in rotating-shift nurses: a cross-sectional study. Chronobiology International, 2018, 35, 111-121.	0.9	21
48	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.	1.1	21
49	Single nucleotide polymorphisms as susceptibility, prognostic, and therapeutic markers of nonsmall cell lung cancer. Lung Cancer: Targets and Therapy, 2011, 3, 1.	1.3	20
50	Copy number variation, increased gene expression, and molecular mechanisms of neurofascin in lung cancer. Molecular Carcinogenesis, 2017, 56, 2076-2085.	1.3	20
51	Characterization of the proteome and lipidome profiles of human lung cells after low dose and chronic exposure to multiwalled carbon nanotubes. Nanotoxicology, 2018, 12, 138-152.	1.6	20
52	Night shift work and other determinants of estradiol, testosterone, and dehydroepiandrosterone sulfate among middle-aged nurses and midwives. Scandinavian Journal of Work, Environment and Health, 2016, 42, 435-446.	1.7	20
53	Functional characterization of polymorphisms in the human TFPI gene. Biochemical and Biophysical Research Communications, 2010, 397, 106-111.	1.0	19
54	Genome-wide association meta-analysis identifies pleiotropic risk loci for aerodigestive squamous cell cancers. PLoS Genetics, 2021, 17, e1009254.	1.5	19

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55	Involvement of IL-1 genes in the cellular responses to carbon nanotube exposure. Cytokine, 2015, 73, 128-137.	1.4	18
56	Genomic instability in oral squamous cell carcinoma: relationship to betel-quid chewing. Oral Oncology, 2004, 40, 298-303.	0.8	17
57	Allele-specific induction of IL1B â^'31 T/C promoter polymorphism by lung carcinogens. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2008, 656, 14-18.	0.9	17
58	Impact on Disease Development, Genomic Location and Biological Function of Copy Number Alterations in Non-Small Cell Lung Cancer. PLoS ONE, 2011, 6, e22961.	1.1	16
59	Rotating night work, lifestyle factors, obesity and promoter methylation in BRCA1 and BRCA2 genes among nurses and midwives. PLoS ONE, 2017, 12, e0178792.	1.1	15
60	Mutations in TP53 increase the risk of SOX2 copy number alterations and silencing of TP53 reduces SOX2 expression in non-small cell lung cancer. BMC Cancer, 2016, 16, 28.	1.1	14
61	Sleep quality and methylation status of core circadian rhythm genes among nurses and midwives. Chronobiology International, 2017, 34, 1211-1223.	0.9	14
62	Decreased macrophage phagocytic function due to xenobiotic exposures in vitro, difference in sensitivity between various macrophage models. Food and Chemical Toxicology, 2018, 112, 86-96.	1.8	14
63	Functional effect of polymorphisms in 15q25 locus on CHRNA5 mRNA, bulky DNA adducts and TP53 mutations. International Journal of Cancer, 2013, 132, 1811-1820.	2.3	12
64	Inflammation in the pleural cavity following injection of multi-walled carbon nanotubes is dependent on their characteristics and the presence of IL-1 genes. Nanotoxicology, 2018, 12, 522-538.	1.6	12
65	Msh2 deficiency increases susceptibility to benzo[a]pyrene-induced lymphomagenesis. International Journal of Cancer, 2006, 118, 2899-2902.	2.3	11
66	Loss of MKK3 and MK2 Copy Numbers in Non-Small Cell Lung Cancer. Journal of Cancer, 2016, 7, 512-515.	1.2	11
67	Functional analysis of a lung cancer risk haplotype in the IL1B gene regulatory region. Journal of Human Genetics, 2012, 57, 747-752.	1.1	10
68	Effects of carbon nanotubes on intercellular communication and involvement of IL-1 genes. Journal of Cell Communication and Signaling, 2016, 10, 153-162.	1.8	9
69	Effects of mild steel welding fume particles on pulmonary epithelial inflammation and endothelial activation. Toxicology and Industrial Health, 2020, 36, 995-1001.	0.6	8
70	Genomeâ€wide association study of INDELs identified four novel susceptibility loci associated with lung cancer risk. International Journal of Cancer, 2020, 146, 2855-2864.	2.3	7
71	A human relevant mixture of persistent organic pollutants (POPs) and perfluorooctane sulfonic acid (PFOS) enhance nerve growth factor (NGF)-induced neurite outgrowth in PC12 cells. Toxicology Letters, 2021, 338, 85-96.	0.4	7
72	Sleep quality and methylation status of selected tumor suppressor genes among nurses and midwives. Chronobiology International, 2018, 35, 122-131.	0.9	6

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73	Cellular Responses of Industrially Relevant Silica Dust on Human Glial Cells In Vitro. International Journal of Molecular Sciences, 2019, 20, 358.	1.8	6
74	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.	1.1	6
75	Multiwalled Carbon Nanotubes Induce Fibrosis and Telomere Length Alterations. International Journal of Molecular Sciences, 2022, 23, 6005.	1.8	6
76	Systematic analyses of regulatory variants in DNase I hypersensitive sites identified two novel lung cancer susceptibility loci. Carcinogenesis, 2019, 40, 432-440.	1.3	5
77	Long-Term Exposure to Nanosized TiO2 Triggers Stress Responses and Cell Death Pathways in Pulmonary Epithelial Cells. International Journal of Molecular Sciences, 2021, 22, 5349.	1.8	5
78	Characterization and toxicity evaluation of air-borne particles released by grinding from two dental resin composites in vitro. Dental Materials, 2021, 37, 1121-1133.	1.6	5
79	Cellular responses of human astrocytoma cells to dust from the Acheson process: An in vitro study. NeuroToxicology, 2018, 65, 241-247.	1.4	4
80	Mechanisms of Toxicity of Industrially Relevant Silicomanganese Dust on Human 1321N1 Astrocytoma Cells: An In Vitro Study. International Journal of Molecular Sciences, 2019, 20, 740.	1.8	4
81	The leukocyte telomere length, single nucleotide polymorphisms near TERC gene and risk of COPD. PeerJ, 2021, 9, e12190.	0.9	3
82	Gene variants and lung cancer risk. BMC Proceedings, 2010, 4, .	1.8	1
83	Geneâ€“gene interaction of AhRwith and within the Wntcascade affects susceptibility to lung cancer. European Journal of Medical Research, 2022, 27, 14.	0.9	1
84	Night work and breast cancer risk among Norwegian nurses. Occupational and Environmental Medicine, 2011, 68, A17-A17.	1.3	0
85	Toxicoproteomic effects of carbon nanotubes on chronically exposed human lung cells. Toxicology Letters, 2017, 280, S141.	0.4	0