

Xuting Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/852612/publications.pdf>

Version: 2024-02-01

52
papers

3,768
citations

201674

27
h-index

233421

45
g-index

54
all docs

54
docs citations

54
times ranked

7471
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | 450K Epigenome-Wide Scan Identifies Differential DNA Methylation in Newborns Related to Maternal Smoking during Pregnancy. <i>Environmental Health Perspectives</i> , 2012, 120, 1425-1431. | 6.0 | 654 |
| 2 | Identification of novel NRF2-regulated genes by ChIP-Seq: influence on retinoid X receptor alpha. <i>Nucleic Acids Research</i> , 2012, 40, 7416-7429. | 14.5 | 459 |
| 3 | An African-specific polymorphism in the <i>TP53</i> gene impairs p53 tumor suppressor function in a mouse model. <i>Genes and Development</i> , 2016, 30, 918-930. | 5.9 | 277 |
| 4 | Microbiota-derived acetate protects against respiratory syncytial virus infection through a GPR43-type 1 interferon response. <i>Nature Communications</i> , 2019, 10, 3273. | 12.8 | 234 |
| 5 | Nrf2-regulated PPAR β Expression Is Critical to Protection against Acute Lung Injury in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 170-182. | 5.6 | 184 |
| 6 | Identification of polymorphic antioxidant response elements in the human genome. <i>Human Molecular Genetics</i> , 2007, 16, 1188-1200. | 2.9 | 147 |
| 7 | Discovery and verification of functional single nucleotide polymorphisms in regulatory genomic regions: Current and developing technologies. <i>Mutation Research - Reviews in Mutation Research</i> , 2008, 659, 147-157. | 5.5 | 142 |
| 8 | The importance of p53 pathway genetics in inherited and somatic cancer genomes. <i>Nature Reviews Cancer</i> , 2016, 16, 251-265. | 28.4 | 131 |
| 9 | A Polymorphic p53 Response Element in KIT Ligand Influences Cancer Risk and Has Undergone Natural Selection. <i>Cell</i> , 2013, 155, 410-422. | 28.9 | 115 |
| 10 | Distinct Epigenetic Effects of Tobacco Smoking in Whole Blood and among Leukocyte Subtypes. <i>PLoS ONE</i> , 2016, 11, e0166486. | 2.5 | 113 |
| 11 | DNA Methylation of the Aryl Hydrocarbon Receptor Repressor Associations With Cigarette Smoking and Subclinical Atherosclerosis. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 707-716. | 5.1 | 107 |
| 12 | Single nucleotide polymorphism in transcriptional regulatory regions and expression of environmentally responsive genes. <i>Toxicology and Applied Pharmacology</i> , 2005, 207, 84-90. | 2.8 | 100 |
| 13 | Targeted Deletion of <i>Nrf2</i> Impairs Lung Development and Oxidant Injury in Neonatal Mice. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 1066-1082. | 5.4 | 92 |
| 14 | Divergent Evolution of Human p53 Binding Sites: Cell Cycle Versus Apoptosis. <i>PLoS Genetics</i> , 2007, 3, e127. | 3.5 | 88 |
| 15 | Novel Hematopoietic Target Genes in the NRF2-Mediated Transcriptional Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-12. | 4.0 | 75 |
| 16 | Beyond antioxidant genes in the ancient Nrf2 regulatory network. <i>Free Radical Biology and Medicine</i> , 2015, 88, 452-465. | 2.9 | 74 |
| 17 | Immunisation of channel catfish, <i>Ictalurus punctatus</i> , with <i>Ichthyophthirius multifiliis</i> immobilisation antigens elicits serotype-specific protection. <i>Fish and Shellfish Immunology</i> , 2002, 13, 337-350. | 3.6 | 58 |
| 18 | Genetic Variation and Antioxidant Response Gene Expression in the Bronchial Airway Epithelium of Smokers at Risk for Lung Cancer. <i>PLoS ONE</i> , 2010, 5, e11934. | 2.5 | 55 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | The I-antigens of <i>Ichthyophthirius multifiliis</i> are GPI-Anchored Proteins. <i>Journal of Eukaryotic Microbiology</i> , 2001, 48, 332-337. | 1.7 | 52 |
| 20 | Interactions of Chromatin Context, Binding Site Sequence Content, and Sequence Evolution in Stress-Induced p53 Occupancy and Transactivation. <i>PLoS Genetics</i> , 2015, 11, e1004885. | 3.5 | 50 |
| 21 | A Polymorphic Antioxidant Response Element Links NRF2/sMAF Binding to Enhanced MAPT Expression and Reduced Risk of Parkinsonian Disorders. <i>Cell Reports</i> , 2016, 15, 830-842. | 6.4 | 40 |
| 22 | Probing the Functional Impact of Sequence Variation on p53-DNA Interactions Using a Novel Microsphere Assay for Protein-DNA Binding with Human Cell Extracts. <i>PLoS Genetics</i> , 2009, 5, e1000462. | 3.5 | 39 |
| 23 | A distinct class of antioxidant response elements is consistently activated in tumors with NRF2 mutations. <i>Redox Biology</i> , 2018, 19, 235-249. | 9.0 | 37 |
| 24 | Activation of Nrf2 in the liver is associated with stress resistance mediated by suppression of the growth hormone-regulated STAT5b transcription factor. <i>PLoS ONE</i> , 2018, 13, e0200004. | 2.5 | 36 |
| 25 | Sulforaphane enriched transcriptome of lung mitochondrial energy metabolism and provided pulmonary injury protection via Nrf2 in mice. <i>Toxicology and Applied Pharmacology</i> , 2019, 364, 29-44. | 2.8 | 35 |
| 26 | Surface Immobilization Antigen of the Parasitic Ciliate <i>Ichthyophthirius multifiliis</i> Elicits Protective Immunity in Channel Catfish (<i>Ictalurus punctatus</i>). <i>Vaccine Journal</i> , 2002, 9, 176-181. | 3.1 | 33 |
| 27 | Germline and Somatic Genetic Variants in the p53 Pathway Interact to Affect Cancer Risk, Progression, and Drug Response. <i>Cancer Research</i> , 2021, 81, 1667-1680. | 0.9 | 32 |
| 28 | The use of synthetic genes for the expression of ciliate proteins in heterologous systems. <i>Gene</i> , 2002, 288, 85-94. | 2.2 | 31 |
| 29 | Human single-nucleotide polymorphisms alter p53 sequence-specific binding at gene regulatory elements. <i>Nucleic Acids Research</i> , 2011, 39, 178-189. | 14.5 | 28 |
| 30 | Identification of Smoking-Associated Differentially Methylated Regions Using Reduced Representation Bisulfite Sequencing and Cell type-Specific Enhancer Activation and Gene Expression. <i>Environmental Health Perspectives</i> , 2018, 126, 047015. | 6.0 | 26 |
| 31 | A genetic model of differential susceptibility to human respiratory syncytial virus (RSV) infection. <i>FASEB Journal</i> , 2014, 28, 1947-1956. | 0.5 | 24 |
| 32 | Determinants of host susceptibility to murine respiratory syncytial virus (RSV) disease identify a role for the innate immunity scavenger receptor MARCO gene in human infants. <i>EBioMedicine</i> , 2016, 11, 73-84. | 6.1 | 24 |
| 33 | A hypermorphic antioxidant response element is associated with increased MS4A6A expression and Alzheimer's disease. <i>Redox Biology</i> , 2018, 14, 686-693. | 9.0 | 21 |
| 34 | Single-Cell Analyses Identify Dysfunctional CD16+ CD8 ⁺ Cells in Smokers. <i>Cell Reports Medicine</i> , 2020, 1, 100054. | 6.5 | 21 |
| 35 | CSF1 Is a Novel p53 Target Gene Whose Protein Product Functions in a Feed-Forward Manner to Suppress Apoptosis and Enhance p53-Mediated Growth Arrest. <i>PLoS ONE</i> , 2013, 8, e74297. | 2.5 | 20 |
| 36 | Mining a human transcriptome database for chemical modulators of NRF2. <i>PLoS ONE</i> , 2020, 15, e0239367. | 2.5 | 19 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Smoking-associated AHRR demethylation in cord blood DNA: impact of CD235a+ nucleated red blood cells. <i>Clinical Epigenetics</i> , 2019, 11, 87. | 4.1 | 18 |
| 38 | Crohn's disease <i>IRGM</i> risk alleles are associated with altered gene expression in human tissues. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, G95-G105. | 3.4 | 17 |
| 39 | Associations between Maternal Tobacco Smoke Exposure and the Cord Blood CD4+ DNA Methylome. <i>Environmental Health Perspectives</i> , 2019, 127, 47009. | 6.0 | 13 |
| 40 | Epigenome-wide association study of bronchopulmonary dysplasia in preterm infants: results from the discovery-BPD program. <i>Clinical Epigenetics</i> , 2022, 14, 57. | 4.1 | 12 |
| 41 | Polychlorinated biphenyl exposure and DNA methylation in the Anniston Community Health Survey. <i>Epigenetics</i> , 2020, 15, 337-357. | 2.7 | 10 |
| 42 | Potential therapeutic targets in Nrf2-dependent protection against neonatal respiratory distress disease predicted by cDNA microarray analysis and bioinformatics tools. <i>Current Opinion in Toxicology</i> , 2016, 1, 125-133. | 5.0 | 9 |
| 43 | Dioxin-like compound exposures and DNA methylation in the Anniston Community Health Survey Phase II. <i>Science of the Total Environment</i> , 2020, 742, 140424. | 8.0 | 6 |
| 44 | Linking polymorphic p53 response elements with gene expression in airway epithelial cells of smokers and cancer risk. <i>Human Genetics</i> , 2014, 133, 1467-1476. | 3.8 | 3 |
| 45 | Abstract B51: Discovery of novel genomic targets in the NRF2-mediated antioxidant response pathway by CHIP-chip and CHIP-seq. , 2010, , . | | 2 |
| 46 | Mining a human transcriptome database for chemical modulators of NRF2. , 2020, 15, e0239367. | | 0 |
| 47 | Mining a human transcriptome database for chemical modulators of NRF2. , 2020, 15, e0239367. | | 0 |
| 48 | Mining a human transcriptome database for chemical modulators of NRF2. , 2020, 15, e0239367. | | 0 |
| 49 | Mining a human transcriptome database for chemical modulators of NRF2. , 2020, 15, e0239367. | | 0 |
| 50 | Mining a human transcriptome database for chemical modulators of NRF2. , 2020, 15, e0239367. | | 0 |
| 51 | Mining a human transcriptome database for chemical modulators of NRF2. , 2020, 15, e0239367. | | 0 |
| 52 | Epigenome-wide association study of bronchopulmonary dysplasia (BPD) in preterm infants: Results from the Discovery-BPD program. <i>FASEB Journal</i> , 2022, 36, . | 0.5 | 0 |