# Wan-Yee Tang

List of Publications by Year
in descending order



| 57 | 3,781 | 185998 28 | 197535 49 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 60 | 60 | 60 | 5017 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Developmental Exposure to Estradiol and Bisphenol A Increases Susceptibility to Prostate Carcinogenesis and Epigenetically Regulates Phosphodiesterase Type 4 Variant 4. Cancer Research, 2006, 66, 5624-5632. | 0.4 | 733 |
| 2 | Relation of DNA Methylation of 5â€²-CpG Island of ACSL3 to Transplacental Exposure to Airborne Polycyclic Aromatic Hydrocarbons and Childhood Asthma. PLoS ONE, 2009, 4, e4488. | 1.1 | 345 |
| 3 | Epigenetic reprogramming and imprinting in origins of disease. Reviews in Endocrine and Metabolic Disorders, 2007, 8, 173-182. | 2.6 | 208 |
| 4 | Developmental estrogen exposures predispose to prostate carcinogenesis with agingâ˜†. Reproductive Toxicology, 2007, 23, 374-382. | 1.3 | 206 |
| 5 | Biological sex affects vaccine efficacy and protection against influenza in mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12477-12482. | 3.3 | 174 |
| 6 | Environmental chemicals and DNA methylation in adults: a systematic review of the epidemiologic evidence. Clinical Epigenetics, 2015, 7, 55. | 1.8 | 166 |
| 7 | Perinatal Exposure to Oestradiol and Bisphenol A Alters the Prostate Epigenome and Increases Susceptibility to Carcinogenesis. Basic and Clinical Pharmacology and Toxicology, 2008, 102, 134-138. | 1.2 | 165 |
| 8 | Persistent Hypomethylation in the Promoter of Nucleosomal Binding Protein 1 (Nsbp1) Correlates with Overexpression of Nsbp1 in Mouse Uteri Neonatally Exposed to Diethylstilbestrol or Genistein. Endocrinology, 2008, 149, 5922-5931. | 1.4 | 163 |
| 9 | Neonatal Exposure to Estradiol/Bisphenol A Alters Promoter Methylation and Expression of Nsbp1 and Hpcal1 Genes and Transcriptional Programs of Dnmt3a/b and Mbd2/4 in the RatProstate Gland Throughout Life. Endocrinology, 2012, 153, 42-55. | 1.4 | 143 |
| 10 | Maternal Exposure to Polycyclic Aromatic Hydrocarbons and 5â€™-CpG Methylation of Interferon-Î³ in Cord White Blood Cells. Environmental Health Perspectives, 2012, 120, 1195-1200. | 2.8 | 138 |
| 11 | Apigenin Suppresses Cancer Cell Growth through ERÎ². Neoplasia, 2006, 8, 896-904. | 2.3 | 124 |
| 12 | Association of Global DNA Methylation and Global DNA Hydroxymethylation with Metals and Other Exposures in Human Blood DNA Samples. Environmental Health Perspectives, 2014, 122, 946-954. | 2.8 | 102 |
| 13 | Techniques used in studies of epigenome dysregulation due to aberrant DNA methylation: An emphasis on fetal-based adult diseases. Reproductive Toxicology, 2007, 23, 267-282. | 1.3 | 82 |
| 14 | The NIEHS TaRGET II Consortium and environmental epigenomics. Nature Biotechnology, 2018, 36, 225-227. | 9.4 | 79 |
| 15 | Developmental exposure to bisphenol A increases prostate cancer susceptibility in adult rats: epigenetic mode of action is implicated. Fertility and Sterility, 2008, 89, e41. | 0.5 | 78 |
| 16 | Elusive inheritance: Transgenerational effects and epigenetic inheritance in human environmental disease. Progress in Biophysics and Molecular Biology, 2015, 118, 44-54. | 1.4 | 72 |
| 17 | DNA methylome changes by estradiol benzoate and bisphenol A links early-life environmental exposures to prostate cancer risk. Epigenetics, 2016, 11, 674-689. | 1.3 | 59 |
| 18 | Leptin Induces Hypertension Acting on Transient Receptor Potential Melastatin 7 Channel in the Carotid Body. Circulation Research, 2019, 125, 989-1002. | 2.0 | 53 |

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|---|---|---|---|
| 19 | An inflammation-independent contraction mechanophenotype of airway smooth muscle in asthma. Journal of Allergy and Clinical Immunology, 2016, 138, 294-297.e4. | 1.5 | 52 |
| 20 | Epigenetic Alterations by DNA Methylation in House Dust Miteâ€“Induced Airway Hyperresponsiveness. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 279-287. | 1.4 | 47 |
| 21 | Leptin acts in the carotid bodies to increase minute ventilation during wakefulness and sleep and augment the hypoxic ventilatory response. Journal of Physiology, 2019, 597, 151-172. | 1.3 | 47 |
| 22 | Alterations of the lung methylome in allergic airway hyperâ€responsiveness. Environmental and Molecular Mutagenesis, 2014, 55, 244-255. | 0.9 | 41 |
| 23 | Downregulation of hepatoma-derived growth factor activates the Bad-mediated apoptotic pathway in human cancer cells. Apoptosis: an International Journal on Programmed Cell Death, 2008, 13, 1135-1147. | 2.2 | 40 |
| 24 | Hydroxymethylation as a Novel Environmental Biosensor. Current Environmental Health Reports, 2014, 1, 1-10. | 3.2 | 37 |
| 25 | Estrogen down regulates COMT transcription via promoter DNA methylation in human breast cancer cells. Toxicology and Applied Pharmacology, 2019, 367, 12-22. | 1.3 | 35 |
| 26 | Differential methylation of the arsenic (III) methyltransferase promoter according to arsenic exposure. Archives of Toxicology, 2014, 88, 275-282. | 1.9 | 34 |
| 27 | Maternal smoking during pregnancy and cord blood DNA methylation: new insight on sex differences and effect modification by maternal folate levels. Epigenetics, 2018, 13, 505-518. | 1.3 | 32 |
| 28 | Aberrant 5â€™-CpG Methylation of Cord Blood TNFÎ± Associated with Maternal Exposure to Polybrominated Diphenyl Ethers. PLoS ONE, 2015, 10, e0138815. | 1.1 | 30 |
| 29 | Paternal involvement and support and risk of preterm birth: findings from the Boston birth cohort. Journal of Psychosomatic Obstetrics and Gynaecology, 2019, 40, 48-56. | 1.1 | 24 |
| 30 | Blood DNA Methylation and Incident Coronary Heart Disease. JAMA Cardiology, 2021, 6, 1237. | 3.0 | 24 |
| 31 | Locus-Specific Differential DNA Methylation and Urinary Arsenic: An Epigenome-Wide Association Study in Blood among Adults with Low-to-Moderate Arsenic Exposure. Environmental Health Perspectives, 2020, 128, 67015. | 2.8 | 23 |
| 32 | P-glycoprotein enhances radiation-induced apoptotic cell death through the regulation of miR-16 and Bcl-2 expressions in hepatocellular carcinoma cells. Apoptosis: an International Journal on Programmed Cell Death, 2011, 16, 524-535. | 2.2 | 21 |
| 33 | Mechanistic Study on Growth Suppression and Apoptosis Induction by Targeting Hepatoma-derived Growth Factor in Human Hepatocellular Carcinoma HepG2 Cells. Cellular Physiology and Biochemistry, 2009, 24, 253-262. | 1.1 | 20 |
| 34 | DNA methylation and adiposity phenotypes: an epigenome-wide association study among adults in the Strong Heart Study. International Journal of Obesity, 2020, 44, 2313-2322. | 1.6 | 15 |
| 35 | Aberrant DNA Methylation of Phosphodiestarase 4D Alters Airway Smooth Muscle Cell Phenotypes. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 241-249. | 1.4 | 14 |
| 36 | Prenatal exposure to mercury and precocious puberty: a prospective birth cohort study. Human Reproduction, 2021, 36, 712-720. | 0.4 | 14 |

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|---|---|---|---|
| 37 | Effects of Ozone and Particulate Matter on Cardiac Mechanics: Role of the Atrial Natriuretic Peptide Gene. Toxicological Sciences, 2013, 131, 95-107. | 1.4 | 13 |
| 38 | Mitochondria are a substrate of cellular memory. Free Radical Biology and Medicine, 2019, 130, 528-541. | 1.3 | 13 |
| 39 | Leptin Induces Epigenetic Regulation of Transient Receptor Potential Melastatin 7 in Rat Adrenal Pheochromocytoma Cells. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 214-221. | 1.4 | 13 |
| 40 | Role of Isocitrate Dehydrogenase 2 on DNA Hydroxymethylation in Human Airway Smooth Muscle Cells. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 36-45. | 1.4 | 12 |
| 41 | Genome-wide association study identifies a novel maternal geneâ€‰Ã—â€‰stress interaction associated with spontaneous preterm birth. Pediatric Research, 2021, 89, 1549-1556. | 1.1 | 11 |
| 42 | Pharmacological and Genetic Blockade ofTrpm7in the Carotid Body Treats Obesity-Induced Hypertension. Hypertension, 2021, 78, 104-114. | 1.3 | 10 |
| 43 | Can social support during pregnancy affect maternal DNA methylation? Findings from a cohort of African-Americans. Pediatric Research, 2020, 88, 131-138. | 1.1 | 8 |
| 44 | Multigenerational Epigenetic Regulation of Allergic Diseases: Utilizing an Experimental Dust Mite-Induced Asthma Model. Frontiers in Genetics, 2021, 12, 624561. | 1.1 | 8 |
| 45 | Arsenic Directs Stem Cell Fate by Imparting Notch Signaling Into the Extracellular Matrix Niche. Toxicological Sciences, 2020, 177, 494-505. | 1.4 | 7 |
| 46 | A Short-Term Fasting in Neonates Induces Breathing Instability and Epigenetic Modification in the Carotid Body. Advances in Experimental Medicine and Biology, 2015, 860, 187-193. | 0.8 | 5 |
| 47 | A Nonlinear Relation Between Maternal Red Blood Cell Manganese Concentrations and Child Blood Pressure at Age 6â€“12 y: A Prospective Birth Cohort Study. Journal of Nutrition, 2021, 151, 570-578. | 1.3 | 3 |
| 48 | Increased understanding of the impact of environmental exposures on the epigenome. Environmental and Molecular Mutagenesis, 2014, 55, 151-154. | 0.9 | 2 |
| 49 | Gender Difference In Lung MiR-146 Expression In Elastase-Induced Emphysema Mice. , 2012, , . | | 0 |
| 50 | DNA Hydroxymethylation: Implications for Toxicology and Epigenetic Epidemiology. , 2019, , 191-214. | | 0 |
| 51 | Blockade of Trpm7 in the Carotid Body area reversed Obesityâ€‰Induced Hypertension. FASEB Journal, 2021, 35, . | 0.2 | 0 |
| 52 | Abstract 2797: Measurement of GST-P1 methylation in body fluids and prostate cancer diagnosis: a meta-analysis. , 2010, , . | | 0 |
| 53 | Leptin signals in the carotid body to up-regulate the hypoxic chemoreflex and induce hypertension. , 2016, , . | | 0 |
| 54 | Leptin Activates Transient Receptor Potential Melastatin 7 (TRPM7) Channels in Mouse Glomus Cells and Leptinâ€‰Receptor Expressing Pheochromocytoma Cells. FASEB Journal, 2018, 32, 601.3. | 0.2 | 0 |

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|---|---|---|---|
| 55 | Cadmium Exposure, Active Smoking and DNA Methylation Profiles in Human Blood DNA Samples from the Strong Heart Study. ISEE Conference Abstracts, 2018, 2018, . | 0.0 | 0 |
| 56 | Abstract P146: Telomere Length, DNA Methylation, and Risk of Cardiovascular Diseases: Meta-EWAS of Four Multi-ethnic Prospective Cohorts. Circulation, 2020, 141, . | 1.6 | 0 |
| 57 | Abstract MP31: Blood DNA Methylation Signatures of Incident Coronary Heart Disease: An Epigenome-wide Analysis in the Strong Heart Study. Circulation, 2020, 141, . | 1.6 | 0 |