

# Wan-Yee Tang

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

3,781  
citations

185998

28  
h-index

197535

49  
g-index

60  
all docs

60  
docs citations

60  
times ranked

5017  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association study identifies a novel maternal gene–stress interaction associated with spontaneous preterm birth. <i>Pediatric Research</i> , 2021, 89, 1549-1556.	1.1	11
2	A Nonlinear Relation Between Maternal Red Blood Cell Manganese Concentrations and Child Blood Pressure at Age 6–12 y: A Prospective Birth Cohort Study. <i>Journal of Nutrition</i> , 2021, 151, 570-578.	1.3	3
3	Multigenerational Epigenetic Regulation of Allergic Diseases: Utilizing an Experimental Dust Mite-Induced Asthma Model. <i>Frontiers in Genetics</i> , 2021, 12, 624561.	1.1	8
4	Leptin Induces Epigenetic Regulation of Transient Receptor Potential Melastatin 7 in Rat Adrenal Pheochromocytoma Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 65, 214-221.	1.4	13
5	Blockade of <i>Trpm7</i> in the Carotid Body area reversed Obesity-Induced Hypertension. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
6	Pharmacological and Genetic Blockade of <i>Trpm7</i> in the Carotid Body Treats Obesity-Induced Hypertension. <i>Hypertension</i> , 2021, 78, 104-114.	1.3	10
7	Blood DNA Methylation and Incident Coronary Heart Disease. <i>JAMA Cardiology</i> , 2021, 6, 1237.	3.0	24
8	Prenatal exposure to mercury and precocious puberty: a prospective birth cohort study. <i>Human Reproduction</i> , 2021, 36, 712-720.	0.4	14
9	Can social support during pregnancy affect maternal DNA methylation? Findings from a cohort of African-Americans. <i>Pediatric Research</i> , 2020, 88, 131-138.	1.1	8
10	DNA methylation and adiposity phenotypes: an epigenome-wide association study among adults in the Strong Heart Study. <i>International Journal of Obesity</i> , 2020, 44, 2313-2322.	1.6	15
11	Arsenic Directs Stem Cell Fate by Imparting Notch Signaling Into the Extracellular Matrix Niche. <i>Toxicological Sciences</i> , 2020, 177, 494-505.	1.4	7
12	Role of Isocitrate Dehydrogenase 2 on DNA Hydroxymethylation in Human Airway Smooth Muscle Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 36-45.	1.4	12
13	Locus-Specific Differential DNA Methylation and Urinary Arsenic: An Epigenome-Wide Association Study in Blood among Adults with Low-to-Moderate Arsenic Exposure. <i>Environmental Health Perspectives</i> , 2020, 128, 67015.	2.8	23
14	Abstract P146: Telomere Length, DNA Methylation, and Risk of Cardiovascular Diseases: Meta-EWAS of Four Multi-ethnic Prospective Cohorts. <i>Circulation</i> , 2020, 141, .	1.6	0
15	Abstract MP31: Blood DNA Methylation Signatures of Incident Coronary Heart Disease: An Epigenome-wide Analysis in the Strong Heart Study. <i>Circulation</i> , 2020, 141, .	1.6	0
16	Leptin Induces Hypertension Acting on Transient Receptor Potential Melastatin 7 Channel in the Carotid Body. <i>Circulation Research</i> , 2019, 125, 989-1002.	2.0	53
17	Estrogen down regulates COMT transcription via promoter DNA methylation in human breast cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2019, 367, 12-22.	1.3	35
18	DNA Hydroxymethylation: Implications for Toxicology and Epigenetic Epidemiology. , 2019, , 191-214.		0

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19	Mitochondria are a substrate of cellular memory. <i>Free Radical Biology and Medicine</i> , 2019, 130, 528-541.	1.3	13
20	Leptin acts in the carotid bodies to increase minute ventilation during wakefulness and sleep and augment the hypoxic ventilatory response. <i>Journal of Physiology</i> , 2019, 597, 151-172.	1.3	47
21	Paternal involvement and support and risk of preterm birth: findings from the Boston birth cohort. <i>Journal of Psychosomatic Obstetrics and Gynaecology</i> , 2019, 40, 48-56.	1.1	24
22	The NIEHS TaRGET II Consortium and environmental epigenomics. <i>Nature Biotechnology</i> , 2018, 36, 225-227.	9.4	79
23	Biological sex affects vaccine efficacy and protection against influenza in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12477-12482.	3.3	174
24	Maternal smoking during pregnancy and cord blood DNA methylation: new insight on sex differences and effect modification by maternal folate levels. <i>Epigenetics</i> , 2018, 13, 505-518.	1.3	32
25	Leptin Activates Transient Receptor Potential Melastatin 7 (TRPM7) Channels in Mouse Glomus Cells and Leptin- $\alpha$ Receptor Expressing Pheochromocytoma Cells. <i>FASEB Journal</i> , 2018, 32, 601.3.	0.2	0
26	Cadmium Exposure, Active Smoking and DNA Methylation Profiles in Human Blood DNA Samples from the Strong Heart Study. <i>ISEE Conference Abstracts</i> , 2018, 2018, .	0.0	0
27	DNA methylome changes by estradiol benzoate and bisphenol A links early-life environmental exposures to prostate cancer risk. <i>Epigenetics</i> , 2016, 11, 674-689.	1.3	59
28	An inflammation-independent contraction mechanophenotype of airway smooth muscle in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 294-297.e4.	1.5	52
29	Aberrant DNA Methylation of Phosphodiesterase 4D Alters Airway Smooth Muscle Cell Phenotypes. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 241-249.	1.4	14
30	Leptin signals in the carotid body to up-regulate the hypoxic chemoreflex and induce hypertension. , 2016, , .		0
31	Aberrant 5 $\alpha$ -CpG Methylation of Cord Blood TNF $\alpha$ Associated with Maternal Exposure to Polybrominated Diphenyl Ethers. <i>PLoS ONE</i> , 2015, 10, e0138815.	1.1	30
32	Environmental chemicals and DNA methylation in adults: a systematic review of the epidemiologic evidence. <i>Clinical Epigenetics</i> , 2015, 7, 55.	1.8	166
33	Elusive inheritance: Transgenerational effects and epigenetic inheritance in human environmental disease. <i>Progress in Biophysics and Molecular Biology</i> , 2015, 118, 44-54.	1.4	72
34	A Short-Term Fasting in Neonates Induces Breathing Instability and Epigenetic Modification in the Carotid Body. <i>Advances in Experimental Medicine and Biology</i> , 2015, 860, 187-193.	0.8	5
35	Association of Global DNA Methylation and Global DNA Hydroxymethylation with Metals and Other Exposures in Human Blood DNA Samples. <i>Environmental Health Perspectives</i> , 2014, 122, 946-954.	2.8	102
36	Increased understanding of the impact of environmental exposures on the epigenome. <i>Environmental and Molecular Mutagenesis</i> , 2014, 55, 151-154.	0.9	2

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37	Hydroxymethylation as a Novel Environmental Biosensor. <i>Current Environmental Health Reports</i> , 2014, 1, 1-10.	3.2	37
38	Differential methylation of the arsenic (III) methyltransferase promoter according to arsenic exposure. <i>Archives of Toxicology</i> , 2014, 88, 275-282.	1.9	34
39	Alterations of the lung methylome in allergic airway hyperresponsiveness. <i>Environmental and Molecular Mutagenesis</i> , 2014, 55, 244-255.	0.9	41
40	Epigenetic Alterations by DNA Methylation in House Dust Mite-Induced Airway Hyperresponsiveness. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 279-287.	1.4	47
41	Effects of Ozone and Particulate Matter on Cardiac Mechanics: Role of the Atrial Natriuretic Peptide Gene. <i>Toxicological Sciences</i> , 2013, 131, 95-107.	1.4	13
42	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 Rat Prostate Gland Throughout Life. <i>Endocrinology</i> , 2012, 153, 42-55.	1.4	143
43	Maternal Exposure to Polycyclic Aromatic Hydrocarbons and 5 <sup>m</sup> -CpG Methylation of Interferon- $\beta$ in Cord White Blood Cells. <i>Environmental Health Perspectives</i> , 2012, 120, 1195-1200.	2.8	138
44	Gender Difference In Lung MiR-146 Expression In Elastase-Induced Emphysema Mice. , 2012, , .		0
45	P-glycoprotein enhances radiation-induced apoptotic cell death through the regulation of miR-16 and Bcl-2 expressions in hepatocellular carcinoma cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011, 16, 524-535.	2.2	21
46	Abstract 2797: Measurement of GST-P1 methylation in body fluids and prostate cancer diagnosis: a meta-analysis. , 2010, , .		0
47	Relation of DNA Methylation of 5 <sup>m</sup> -CpG Island of ACSL3 to Transplacental Exposure to Airborne Polycyclic Aromatic Hydrocarbons and Childhood Asthma. <i>PLoS ONE</i> , 2009, 4, e4488.	1.1	345
48	Mechanistic Study on Growth Suppression and Apoptosis Induction by Targeting Hepatoma-derived Growth Factor in Human Hepatocellular Carcinoma HepG2 Cells. <i>Cellular Physiology and Biochemistry</i> , 2009, 24, 253-262.	1.1	20
49	Downregulation of hepatoma-derived growth factor activates the Bad-mediated apoptotic pathway in human cancer cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2008, 13, 1135-1147.	2.2	40
50	Perinatal Exposure to Oestradiol and Bisphenol A Alters the Prostate Epigenome and Increases Susceptibility to Carcinogenesis. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 102, 134-138.	1.2	165
51	Developmental exposure to bisphenol A increases prostate cancer susceptibility in adult rats: epigenetic mode of action is implicated. <i>Fertility and Sterility</i> , 2008, 89, e41.	0.5	78
52	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. <i>Endocrinology</i> , 2008, 149, 5922-5931.	1.4	163
53	Developmental estrogen exposures predispose to prostate carcinogenesis with aging. <i>Reproductive Toxicology</i> , 2007, 23, 374-382.	1.3	206
54	Techniques used in studies of epigenome dysregulation due to aberrant DNA methylation: An emphasis on fetal-based adult diseases. <i>Reproductive Toxicology</i> , 2007, 23, 267-282.	1.3	82

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55	Epigenetic reprogramming and imprinting in origins of disease. Reviews in Endocrine and Metabolic Disorders, 2007, 8, 173-182.	2.6	208
56	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
57	Apigenin Suppresses Cancer Cell Growth through ER <sup>α</sup> . Neoplasia, 2006, 8, 896-904.	2.3	124