

Xu Gao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/720871/publications.pdf>

Version: 2024-02-01

47
papers

1,886
citations

361296

20
h-index

289141

40
g-index

52
all docs

52
docs citations

52
times ranked

2983
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | DunedinPACE, a DNA methylation biomarker of the pace of aging. <i>ELife</i> , 2022, 11, . | 2.8 | 214 |
| 2 | Epigenetics of early-life adversity in youth: cross-sectional and longitudinal associations. <i>Clinical Epigenetics</i> , 2022, 14, 48. | 1.8 | 8 |
| 3 | Associations of Carbonaceous Compounds and Water-Soluble Inorganic Ions in Ambient PM _{2.5} with Renal Function in Older Individuals: The China BAPE Study. <i>Environmental Science & Technology</i> , 2022, 56, 433-439. | 4.6 | 4 |
| 4 | Relationship between DNA Methylation Profiles and Active Tuberculosis Development from Latent Infection: a Pilot Study in Nested Case-Control Design. <i>Microbiology Spectrum</i> , 2022, 10, e0058622. | 1.2 | 3 |
| 5 | Role of sleep quality in the acceleration of biological aging and its potential for preventive interaction on air pollution insults: Findings from the UK Biobank cohort. <i>Aging Cell</i> , 2022, 21, e13610. | 3.0 | 25 |
| 6 | Association of DNA methylation in circulating CD4+T cells with short-term PM2.5 pollution waves: A quasi-experimental study of healthy young adults. <i>Ecotoxicology and Environmental Safety</i> , 2022, 239, 113634. | 2.9 | 3 |
| 7 | The Effect of Built Environment on Physical Health and Mental Health of Adults: A Nationwide Cross-Sectional Study in China. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6492. | 1.2 | 5 |
| 8 | Epigenetic age stratifies the risk of blood pressure elevation related to short-term PM2.5 exposure in older adults. <i>Environmental Research</i> , 2022, 212, 113507. | 3.7 | 5 |
| 9 | Mortality and morbidity risk prediction for older former smokers based on a score of smoking history: evidence from UK Biobank and ESTHER cohorts. <i>Age and Ageing</i> , 2022, 51, . | 0.7 | 2 |
| 10 | Associations of Plasma Folate and Vitamin B6 With Blood DNA Methylation Age: An Analysis of One-Carbon Metabolites in the VA Normative Aging Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 760-769. | 1.7 | 11 |
| 11 | DNA methylation-based biomarkers of age acceleration and all-cause death, myocardial infarction, stroke, and cancer in two cohorts: The NAS, and KORA F4. <i>EBioMedicine</i> , 2021, 63, 103151. | 2.7 | 42 |
| 12 | Short-term air pollution, cognitive performance and nonsteroidal anti-inflammatory drug use in the Veterans Affairs Normative Aging Study. <i>Nature Aging</i> , 2021, 1, 430-437. | 5.3 | 33 |
| 13 | DNAm-based signatures of accelerated aging and mortality in blood are associated with low renal function. <i>Clinical Epigenetics</i> , 2021, 13, 121. | 1.8 | 13 |
| 14 | Short-term Exposure to PM2.5 and Epigenetic Aging: A Quasi-Experimental Study. <i>ISEE Conference Abstracts</i> , 2021, 2021, . | 0.0 | 0 |
| 15 | Effects of short-term personal exposure to air pollution on platelet mitochondrial DNA methylation levels and the potential mitigation by L-arginine supplementation. <i>Journal of Hazardous Materials</i> , 2021, 417, 125963. | 6.5 | 23 |
| 16 | Short-term exposure to PM2.5 components and renal health: Findings from the Veterans Affairs Normative Aging Study. <i>Journal of Hazardous Materials</i> , 2021, 420, 126557. | 6.5 | 20 |
| 17 | Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. <i>Nature Communications</i> , 2021, 12, 7173. | 5.8 | 8 |
| 18 | Meta-analyses identify DNA methylation associated with kidney function and damage. <i>Nature Communications</i> , 2021, 12, 7174. | 5.8 | 30 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Nonsteroidal Antiinflammatory Drugs Modify the Effect of Short-Term Air Pollution on Lung Function. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 374-378. | 2.5 | 12 |
| 20 | Associations of annual ambient PM2.5 components with DNAm PhenoAge acceleration in elderly men: The Normative Aging Study. <i>Environmental Pollution</i> , 2020, 258, 113690. | 3.7 | 25 |
| 21 | Association of Neutrophil to Lymphocyte Ratio With Pulmonary Function in a 30-Year Longitudinal Study of US Veterans. <i>JAMA Network Open</i> , 2020, 3, e2010350. | 2.8 | 18 |
| 22 | Reply to Alexis: Controlled Chamber Studies Showed Protective Effect of Nonsteroidal Antiinflammatory Drugs against Ozone Exposure: The Stage Was Set for Broader Epidemiologic Investigation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 1583-1584. | 2.5 | 0 |
| 23 | Epigenetic Link Between Statin Therapy and Type 2 Diabetes. <i>Diabetes Care</i> , 2020, 43, 875-884. | 4.3 | 43 |
| 24 | Individual species and cumulative mixture relationships of 24-hour urine metal concentrations with DNA methylation age variables in older men. <i>Environmental Research</i> , 2020, 186, 109573. | 3.7 | 16 |
| 25 | Accelerated epigenetic aging as a risk factor for chronic obstructive pulmonary disease and decreased lung function in two prospective cohort studies. <i>Aging</i> , 2020, 12, 16539-16554. | 1.4 | 13 |
| 26 | Quantification of the pace of biological aging in humans through a blood test, the DunedinPoAm DNA methylation algorithm. <i>ELife</i> , 2020, 9, . | 2.8 | 268 |
| 27 | Smoking-Related DNA Methylation is Associated with DNA Methylation Phenotypic Age Acceleration: The Veterans Affairs Normative Aging Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2356. | 1.2 | 22 |
| 28 | Short-term ambient particle radioactivity level and renal function in older men: Insight from the Normative Aging Study. <i>Environment International</i> , 2019, 131, 105018. | 4.8 | 13 |
| 29 | Comparative validation of an epigenetic mortality risk score with three aging biomarkers for predicting mortality risks among older adult males. <i>International Journal of Epidemiology</i> , 2019, 48, 1958-1971. | 0.9 | 25 |
| 30 | Impacts of air pollution, temperature, and relative humidity on leukocyte distribution: An epigenetic perspective. <i>Environment International</i> , 2019, 126, 395-405. | 4.8 | 52 |
| 31 | Oxidative stress and epigenetic mortality risk score: associations with all-cause mortality among elderly people. <i>European Journal of Epidemiology</i> , 2019, 34, 451-462. | 2.5 | 19 |
| 32 | Serum 25-Hydroxyvitamin D Levels as an Aging Marker: Strong Associations With Age and All-Cause Mortality Independent From Telomere Length, Epigenetic Age Acceleration, and 8-Isoprostane Levels. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 121-128. | 1.7 | 25 |
| 33 | Accelerated DNA methylation age and the use of antihypertensive medication among older adults. <i>Aging</i> , 2018, 10, 3210-3228. | 1.4 | 21 |
| 34 | Vitamin D status and epigenetic-based mortality risk score: strong independent and joint prediction of all-cause mortality in a population-based cohort study. <i>Clinical Epigenetics</i> , 2018, 10, 84. | 1.8 | 7 |
| 35 | Leukocyte telomere length and epigenetic-based mortality risk score: associations with all-cause mortality among older adults. <i>Epigenetics</i> , 2018, 13, 846-857. | 1.3 | 21 |
| 36 | Recurrent tuberculosis in an urban area in China: Relapse or exogenous reinfection?. <i>Tuberculosis</i> , 2017, 103, 97-104. | 0.8 | 39 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Associations of self-reported smoking, cotinine levels and epigenetic smoking indicators with oxidative stress among older adults: a population-based study. <i>European Journal of Epidemiology</i> , 2017, 32, 443-456. | 2.5 | 26 |
| 38 | Tobacco smoking and smoking-related DNA methylation are associated with the development of frailty among older adults. <i>Epigenetics</i> , 2017, 12, 149-156. | 1.3 | 41 |
| 39 | Associations of <i>Helicobacter pylori</i> infection and chronic atrophic gastritis with accelerated epigenetic ageing in older adults. <i>British Journal of Cancer</i> , 2017, 117, 1211-1214. | 2.9 | 19 |
| 40 | Community-based active case finding for tuberculosis in rural western China: a cross-sectional study. <i>International Journal of Tuberculosis and Lung Disease</i> , 2017, 21, 1134-1139. | 0.6 | 13 |
| 41 | The impact of methylation quantitative trait loci (mQTLs) on active smoking-related DNA methylation changes. <i>Clinical Epigenetics</i> , 2017, 9, 87. | 1.8 | 32 |
| 42 | DNA methylation changes in response to active smoking exposure are associated with leukocyte telomere length among older adults. <i>European Journal of Epidemiology</i> , 2016, 31, 1231-1241. | 2.5 | 11 |
| 43 | Different definitions of CpG island methylator phenotype and outcomes of colorectal cancer: a systematic review. <i>Clinical Epigenetics</i> , 2016, 8, 25. | 1.8 | 83 |
| 44 | Tobacco smoking and methylation of genes related to lung cancer development. <i>Oncotarget</i> , 2016, 7, 59017-59028. | 0.8 | 73 |
| 45 | Relationship of tobacco smoking and smoking-related DNA methylation with epigenetic age acceleration. <i>Oncotarget</i> , 2016, 7, 46878-46889. | 0.8 | 97 |
| 46 | DNA methylation changes of whole blood cells in response to active smoking exposure in adults: a systematic review of DNA methylation studies. <i>Clinical Epigenetics</i> , 2015, 7, 113. | 1.8 | 330 |
| 47 | Association of <i>gyrA/B</i> mutations and resistance levels to fluoroquinolones in clinical isolates of <i>Mycobacterium tuberculosis</i> . <i>Emerging Microbes and Infections</i> , 2014, 3, 1-5. | 3.0 | 65 |