

# Akram Ghantous

## List of Publications by Citations

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54  
papers

2,636  
citations

24  
h-index

51  
g-index

58  
ext. papers

3,328  
ext. citations

7.2  
avg, IF

4.47  
L-index

#	Paper	IF	Citations
54	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. <i>American Journal of Human Genetics</i> , <b>2016</b> , 98, 680-96	11	489
53	What made sesquiterpene lactones reach cancer clinical trials?. <i>Drug Discovery Today</i> , <b>2010</b> , 15, 668-78	8.8	449
52	Parthenolide: from plant shoots to cancer roots. <i>Drug Discovery Today</i> , <b>2013</b> , 18, 894-905	8.8	192
51	The exposome in practice: Design of the EXPOSOMICS project. <i>International Journal of Hygiene and Environmental Health</i> , <b>2017</b> , 220, 142-151	6.9	153
50	Maternal BMI at the start of pregnancy and offspring epigenome-wide DNA methylation: findings from the pregnancy and childhood epigenetics (PACE) consortium. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 4067-4085	5.6	151
49	Tobacco smoking-associated genome-wide DNA methylation changes in the EPIC study. <i>Epigenomics</i> , <b>2016</b> , 8, 599-618	4.4	145
48	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. <i>Nature Communications</i> , <b>2019</b> , 10, 1893	17.4	79
47	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. <i>International Journal of Epidemiology</i> , <b>2018</b> , 47, 22-23u	7.8	62
46	Oxidative stress and inflammation mediate the effect of air pollution on cardio- and cerebrovascular disease: A prospective study in nonsmokers. <i>Environmental and Molecular Mutagenesis</i> , <b>2018</b> , 59, 234-246	3.2	61
45	Prenatal Particulate Air Pollution and DNA Methylation in Newborns: An Epigenome-Wide Meta-Analysis. <i>Environmental Health Perspectives</i> , <b>2019</b> , 127, 57012	8.4	58
44	Epigenetic supersimilarity of monozygotic twin pairs. <i>Genome Biology</i> , <b>2018</b> , 19, 2	18.3	52
43	Perturbation of metabolic pathways mediates the association of air pollutants with asthma and cardiovascular diseases. <i>Environment International</i> , <b>2018</b> , 119, 334-345	12.9	49
42	Roadmap for investigating epigenome deregulation and environmental origins of cancer. <i>International Journal of Cancer</i> , <b>2018</b> , 142, 874-882	7.5	46
41	Maternal Gestational Diabetes Mellitus and Newborn DNA Methylation: Findings From the Pregnancy and Childhood Epigenetics Consortium. <i>Diabetes Care</i> , <b>2020</b> , 43, 98-105	14.6	45
40	Epigenetic mechanisms of plant-derived anticancer drugs. <i>Frontiers in Bioscience - Landmark</i> , <b>2012</b> , 17, 129-73	2.8	40
39	Epigenome-wide meta-analysis of blood DNA methylation in newborns and children identifies numerous loci related to gestational age. <i>Genome Medicine</i> , <b>2020</b> , 12, 25	14.4	37
38	Acute changes in DNA methylation in relation to 24 h personal air pollution exposure measurements: A panel study in four European countries. <i>Environment International</i> , <b>2018</b> , 120, 11-21	12.9	35

37	The Impact of Air Pollution on Our Epigenome: How Far Is the Evidence? (A Systematic Review). <i>Current Environmental Health Reports</i> , <b>2018</b> , 5, 544-578	6.5	31
36	Genome-Wide DNA Methylation in Peripheral Blood and Long-Term Exposure to Source-Specific Transportation Noise and Air Pollution: The SAPALDIA Study. <i>Environmental Health Perspectives</i> , <b>2020</b> , 128, 67003	8.4	28
35	Optimized DNA extraction from neonatal dried blood spots: application in methylome profiling. <i>BMC Biotechnology</i> , <b>2014</b> , 14, 60	3.5	28
34	The combination of arsenic, interferon-alpha, and zidovudine restores an "immunocompetent-like" cytokine expression profile in patients with adult T-cell leukemia lymphoma. <i>Retrovirology</i> , <b>2013</b> , 10, 91	3.6	28
33	Structure-activity relationship of seco-tanaparthalides isolated from <i>Achillea falcata</i> for inhibition of HaCaT cell growth. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 3794-7	6.8	28
32	Preclinical efficacy of the synthetic retinoid ST1926 for treating adult T-cell leukemia/lymphoma. <i>Blood</i> , <b>2014</b> , 124, 2072-80	2.2	27
31	Comparison of smoking-related DNA methylation between newborns from prenatal exposure and adults from personal smoking. <i>Epigenomics</i> , <b>2019</b> , 11, 1487-1500	4.4	24
30	Histone deacetylase inhibitors potentiate photodynamic therapy in colon cancer cells marked by chromatin-mediated epigenetic regulation of. <i>Clinical Epigenetics</i> , <b>2017</b> , 9, 62	7.7	23
29	Inhibition of tumor promotion by parthenolide: epigenetic modulation of p21. <i>Cancer Prevention Research</i> , <b>2012</b> , 5, 1298-309	3.2	23
28	Associations of semen quality with non-essential heavy metals in blood and seminal fluid: data from the Environment and Male Infertility (EMI) study in Lebanon. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2018</b> , 35, 1691-1701	3.4	22
27	Histone acetyltransferase cofactor Trrap maintains self-renewal and restricts differentiation of embryonic stem cells. <i>Stem Cells</i> , <b>2013</b> , 31, 979-91	5.8	21
26	Socioeconomic position during pregnancy and DNA methylation signatures at three stages across early life: epigenome-wide association studies in the ALSPAC birth cohort. <i>International Journal of Epidemiology</i> , <b>2019</b> , 48, 30-44	7.8	21
25	Characterising the epigenome as a key component of the fetal exposome in evaluating in utero exposures and childhood cancer risk. <i>Mutagenesis</i> , <b>2015</b> , 30, 733-42	2.8	19
24	Genome-wide profiling of normal gastric mucosa identifies <i>Helicobacter pylori</i> - and cancer-associated DNA methylome changes. <i>International Journal of Cancer</i> , <b>2018</b> , 143, 597-609	7.5	17
23	DNA Methylome Marks of Exposure to Particulate Matter at Three Time Points in Early Life. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 5427-5437	10.3	17
22	Sesquiterpene lactones isolated from indigenous Middle Eastern plants inhibit tumor promoter-induced transformation of JB6 cells. <i>BMC Complementary and Alternative Medicine</i> , <b>2012</b> , 12, 89	4.7	15
21	Inhibition of DNA methylation promotes breast tumor sensitivity to netrin-1 interference. <i>EMBO Molecular Medicine</i> , <b>2016</b> , 8, 863-77	12	15
20	DNA Methylation in Inflammatory Pathways Modifies the Association between BMI and Adult-Onset Non-Atopic Asthma. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	13

19	Identifying and correcting epigenetics measurements for systematic sources of variation. <i>Clinical Epigenetics</i> , <b>2018</b> , 10, 38	7.7	13
18	Genome-Wide DNA Methylation Profiling of Esophageal Squamous Cell Carcinoma from Global High-Incidence Regions Identifies Crucial Genes and Potential Cancer Markers. <i>Cancer Research</i> , <b>2021</b> , 81, 2612-2624	10.1	13
17	The International Childhood Cancer Cohort Consortium (I4C): A research platform of prospective cohorts for studying the aetiology of childhood cancers. <i>Paediatric and Perinatal Epidemiology</i> , <b>2018</b> , 32, 568-583	2.7	13
16	A multi-omic analysis of birthweight in newborn cord blood reveals new underlying mechanisms related to cholesterol metabolism. <i>Metabolism: Clinical and Experimental</i> , <b>2020</b> , 110, 154292	12.7	12
15	The association between birth order and childhood leukemia may be modified by paternal age and birth weight. Pooled results from the International Childhood Cancer Cohort Consortium (I4C). <i>International Journal of Cancer</i> , <b>2019</b> , 144, 26-33	7.5	8
14	Combination of arsenic and interferon- $\gamma$ inhibits expression of KSHV latent transcripts and synergistically improves survival of mice with primary effusion lymphomas. <i>PLoS ONE</i> , <b>2013</b> , 8, e79474	3.7	5
13	Environmental Agents and Childhood Cancer <b>2019</b> , 347-359		4
12	The Cord Blood Insulin and Mitochondrial DNA Content Related Methylome. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 325	4.5	4
11	Paternal body mass index and offspring DNA methylation: findings from the PACE consortium. <i>International Journal of Epidemiology</i> , <b>2021</b> , 50, 1297-1315	7.8	4
10	Purified salograviolide A isolated from <i>Centaurea ainetensis</i> causes growth inhibition and apoptosis in neoplastic epidermal cells. <i>International Journal of Oncology</i> , <b>2008</b> , 32, 841-9	1	4
9	A molecular map of lung neuroendocrine neoplasms. <i>GigaScience</i> , <b>2020</b> , 9,	7.6	3
8	DNA Methylation Analysis from Blood Spots: Increasing Yield and Quality for Genome-Wide and Locus-Specific Methylation Analysis. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1708, 605-619	1.4	3
7	Paternal body mass index and offspring DNA methylation: findings from the PACE consortium		2
6	Meta-analysis of epigenome-wide association studies in newborns and children show widespread sex differences in blood DNA methylation. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2022</b> , 789, 108415	7	2
5	Maternal BMI at the start of pregnancy and offspring epigenome-wide DNA methylation: Findings from the Pregnancy and Childhood Epigenetics (PACE) consortium		1
4	LINE-1 methylation mediates the inverse association between body mass index and breast cancer risk: A pilot study in the Lebanese population. <i>Environmental Research</i> , <b>2021</b> , 197, 111094	7.9	1
3	Aflatoxin Exposure during Early Life Is Associated with Differential DNA Methylation in Two-Year-Old Gambian Children. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
2	Paternal Exposure to Non-essential Heavy Metal Affects Embryo Cleavage and Implantation in Intracytoplasmic Sperm Injection (ICSI) Cycles: Evidence for a Paradoxical Effect. <i>Reproductive Sciences</i> , <b>2021</b> , 28, 2550-2561	3	0

- 1 Epigenetic Epidemiology of Cancer **2022**, 325-342