

Akram Ghantous

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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> , 2022 , 789, 108415	7	2
53	Epigenetic Epidemiology of Cancer 2022 , 325-342		
52	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> , 2021 , 81, 2612-2624	10.1	13
51	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> , 2021 , 28, 2550-2561	3	0
50	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> , 2021 , 197, 111094	7.9	1
49	Paternal body mass index and offspring DNA methylation: findings from the PACE consortium. <i>International Journal of Epidemiology</i> , 2021 , 50, 1297-1315	7.8	4
48	Aflatoxin Exposure during Early Life Is Associated with Differential DNA Methylation in Two-Year-Old Gambian Children. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
47	A multi-omic analysis of birthweight in newborn cord blood reveals new underlying mechanisms related to cholesterol metabolism. <i>Metabolism: Clinical and Experimental</i> , 2020 , 110, 154292	12.7	12
46	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> , 2020 , 128, 67003	8.4	28
45	Epigenome-wide meta-analysis of blood DNA methylation in newborns and children identifies numerous loci related to gestational age. <i>Genome Medicine</i> , 2020 , 12, 25	14.4	37
44	A molecular map of lung neuroendocrine neoplasms. <i>GigaScience</i> , 2020 , 9,	7.6	3
43	Maternal Gestational Diabetes Mellitus and Newborn DNA Methylation: Findings From the Pregnancy and Childhood Epigenetics Consortium. <i>Diabetes Care</i> , 2020 , 43, 98-105	14.6	45
42	Comparison of smoking-related DNA methylation between newborns from prenatal exposure and adults from personal smoking. <i>Epigenomics</i> , 2019 , 11, 1487-1500	4.4	24
41	Prenatal Particulate Air Pollution and DNA Methylation in Newborns: An Epigenome-Wide Meta-Analysis. <i>Environmental Health Perspectives</i> , 2019 , 127, 57012	8.4	58
40	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. <i>Nature Communications</i> , 2019 , 10, 1893	17.4	79
39	Environmental Agents and Childhood Cancer 2019 , 347-359		4
38	The Cord Blood Insulin and Mitochondrial DNA Content Related Methylome. <i>Frontiers in Genetics</i> , 2019 , 10, 325	4.5	4

37	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> , 2019 , 16,	4.6	13
36	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> , 2019 , 144, 26-33	7.5	8
35	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> , 2019 , 48, 30-44	7.8	21
34	Genome-wide profiling of normal gastric mucosa identifies Helicobacter pylori- and cancer-associated DNA methylome changes. <i>International Journal of Cancer</i> , 2018 , 143, 597-609	7.5	17
33	Identifying and correcting epigenetics measurements for systematic sources of variation. <i>Clinical Epigenetics</i> , 2018 , 10, 38	7.7	13
32	DNA Methylome Marks of Exposure to Particulate Matter at Three Time Points in Early Life. <i>Environmental Science & Technology</i> , 2018 , 52, 5427-5437	10.3	17
31	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. <i>International Journal of Epidemiology</i> , 2018 , 47, 22-23u	7.8	62
30	Roadmap for investigating epigenome deregulation and environmental origins of cancer. <i>International Journal of Cancer</i> , 2018 , 142, 874-882	7.5	46
29	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> , 2018 , 120, 11-21	12.9	35
28	Perturbation of metabolic pathways mediates the association of air pollutants with asthma and cardiovascular diseases. <i>Environment International</i> , 2018 , 119, 334-345	12.9	49
27	Epigenetic supersimilarity of monozygotic twin pairs. <i>Genome Biology</i> , 2018 , 19, 2	18.3	52
26	DNA Methylation Analysis from Blood Spots: Increasing Yield and Quality for Genome-Wide and Locus-Specific Methylation Analysis. <i>Methods in Molecular Biology</i> , 2018 , 1708, 605-619	1.4	3
25	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> , 2018 , 59, 234-246	3.2	61
24	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> , 2018 , 32, 568-583	2.7	13
23	The Impact of Air Pollution on Our Epigenome: How Far Is the Evidence? (A Systematic Review). <i>Current Environmental Health Reports</i> , 2018 , 5, 544-578	6.5	31
22	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> , 2018 , 35, 1691-1701	3.4	22
21	Histone deacetylase inhibitors potentiate photodynamic therapy in colon cancer cells marked by chromatin-mediated epigenetic regulation of. <i>Clinical Epigenetics</i> , 2017 , 9, 62	7.7	23
20	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> , 2017 , 26, 4067-4085	5.6	151

19	The exposome in practice: Design of the EXPOsOMICS project. <i>International Journal of Hygiene and Environmental Health</i> , 2017 , 220, 142-151	6.9	153
18	Tobacco smoking-associated genome-wide DNA methylation changes in the EPIC study. <i>Epigenomics</i> , 2016 , 8, 599-618	4.4	145
17	Inhibition of DNA methylation promotes breast tumor sensitivity to netrin-1 interference. <i>EMBO Molecular Medicine</i> , 2016 , 8, 863-77	12	15
16	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. <i>American Journal of Human Genetics</i> , 2016 , 98, 680-96	11	489
15	Characterising the epigenome as a key component of the fetal exposome in evaluating in utero exposures and childhood cancer risk. <i>Mutagenesis</i> , 2015 , 30, 733-42	2.8	19
14	Optimized DNA extraction from neonatal dried blood spots: application in methylome profiling. <i>BMC Biotechnology</i> , 2014 , 14, 60	3.5	28
13	Preclinical efficacy of the synthetic retinoid ST1926 for treating adult T-cell leukemia/lymphoma. <i>Blood</i> , 2014 , 124, 2072-80	2.2	27
12	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> , 2013 , 10, 91	3.6	28
11	Parthenolide: from plant shoots to cancer roots. <i>Drug Discovery Today</i> , 2013 , 18, 894-905	8.8	192
10	Histone acetyltransferase cofactor Trrap maintains self-renewal and restricts differentiation of embryonic stem cells. <i>Stem Cells</i> , 2013 , 31, 979-91	5.8	21
9	Combination of arsenic and interferon- α inhibits expression of KSHV latent transcripts and synergistically improves survival of mice with primary effusion lymphomas. <i>PLoS ONE</i> , 2013 , 8, e79474	3.7	5
8	Inhibition of tumor promotion by parthenolide: epigenetic modulation of p21. <i>Cancer Prevention Research</i> , 2012 , 5, 1298-309	3.2	23
7	Epigenetic mechanisms of plant-derived anticancer drugs. <i>Frontiers in Bioscience - Landmark</i> , 2012 , 17, 129-73	2.8	40
6	Sesquiterpene lactones isolated from indigenous Middle Eastern plants inhibit tumor promoter-induced transformation of JB6 cells. <i>BMC Complementary and Alternative Medicine</i> , 2012 , 12, 89	4.7	15
5	What made sesquiterpene lactones reach cancer clinical trials?. <i>Drug Discovery Today</i> , 2010 , 15, 668-78	8.8	449
4	Structure-activity relationship of seco-tanapartholides isolated from <i>Achillea falcata</i> for inhibition of HaCaT cell growth. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 3794-7	6.8	28
3	Purified salograviolide A isolated from <i>centaurea ainetensis</i> causes growth inhibition and apoptosis in neoplastic epidermal cells. <i>International Journal of Oncology</i> , 2008 , 32, 841-9	1	4
2	Maternal BMI at the start of pregnancy and offspring epigenome-wide DNA methylation: Findings from the Pregnancy and Childhood Epigenetics (PACE) consortium		1

1 Paternal body mass index and offspring DNA methylation: findings from the PACE consortium

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