

Akram Ghantous

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

3,951
citations

201385

27
h-index

182168

51
g-index

58
all docs

58
docs citations

58
times ranked

7815
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. <i>American Journal of Human Genetics</i> , 2016, 98, 680-696.	2.6	717
2	What made sesquiterpene lactones reach cancer clinical trials?. <i>Drug Discovery Today</i> , 2010, 15, 668-678.	3.2	536
3	Parthenolide: from plant shoots to cancer roots. <i>Drug Discovery Today</i> , 2013, 18, 894-905.	3.2	248
4	The exposome in practice: Design of the EXPOsOMICS project. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 142-151.	2.1	219
5	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.	1.4	211
6	Tobacco smoking-associated genome-wide DNA methylation changes in the EPIC study. <i>Epigenomics</i> , 2016, 8, 599-618.	1.0	192
7	Maternal Gestational Diabetes Mellitus and Newborn DNA Methylation: Findings From the Pregnancy and Childhood Epigenetics Consortium. <i>Diabetes Care</i> , 2020, 43, 98-105.	4.3	145
8	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. <i>Nature Communications</i> , 2019, 10, 1893.	5.8	140
9	Prenatal Particulate Air Pollution and DNA Methylation in Newborns: An Epigenome-Wide Meta-Analysis. <i>Environmental Health Perspectives</i> , 2019, 127, 57012.	2.8	111
10	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. <i>International Journal of Epidemiology</i> , 2018, 47, 22-23u.	0.9	105
11	Epigenetic supersimilarity of monozygotic twin pairs. <i>Genome Biology</i> , 2018, 19, 2.	3.8	89
12	Oxidative stress and inflammation mediate the effect of air pollution on cardiovascular and cerebrovascular disease: A prospective study in nonsmokers. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 234-246.	0.9	88
13	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.	3.6	81
14	Perturbation of metabolic pathways mediates the association of air pollutants with asthma and cardiovascular diseases. <i>Environment International</i> , 2018, 119, 334-345.	4.8	73
15	Roadmap for investigating epigenome deregulation and environmental origins of cancer. <i>International Journal of Cancer</i> , 2018, 142, 874-882.	2.3	64
16	Comparison of smoking-related DNA methylation between newborns from prenatal exposure and adults from personal smoking. <i>Epigenomics</i> , 2019, 11, 1487-1500.	1.0	64
17	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.	2.8	56
18	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.	3.2	54

#	ARTICLE	IF	CITATIONS
19	Acute changes in DNA methylation in relation to 24h personal air pollution exposure measurements: A panel study in four European countries. <i>Environment International</i> , 2018, 120, 11-21.	4.8	48
20	Epigenetic mechanisms of plant-derived anticancer drugs. <i>Frontiers in Bioscience - Landmark</i> , 2012, 17, 129.	3.0	46
21	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.	1.2	43
22	Optimized DNA extraction from neonatal dried blood spots: application in methylome profiling. <i>BMC Biotechnology</i> , 2014, 14, 60.	1.7	41
23	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.	0.9	41
24	Structure-activity relationship of seco-tanaphthalides isolated from <i>Achillea falcata</i> for inhibition of HaCaT cell growth. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3794-3797.	2.6	37
25	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.	0.9	37
26	Preclinical efficacy of the synthetic retinoid ST1926 for treating adult T-cell leukemia/lymphoma. <i>Blood</i> , 2014, 124, 2072-2080.	0.6	33
27	Histone deacetylase inhibitors potentiate photodynamic therapy in colon cancer cells marked by chromatin-mediated epigenetic regulation of CDKN1A. <i>Clinical Epigenetics</i> , 2017, 9, 62.	1.8	29
28	Identifying and correcting epigenetics measurements for systematic sources of variation. <i>Clinical Epigenetics</i> , 2018, 10, 38.	1.8	29
29	Inhibition of Tumor Promotion by Parthenolide: Epigenetic Modulation of <i>p21</i> . <i>Cancer Prevention Research</i> , 2012, 5, 1298-1309.	0.7	28
30	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.	0.4	27
31	Histone Acetyltransferase Cofactor Trap Maintains Self-Renewal and Restricts Differentiation of Embryonic Stem Cells. <i>Stem Cells</i> , 2013, 31, 979-991.	1.4	25
32	Genome-wide profiling of normal gastric mucosa identifies <i>Helicobacter pylori</i> - and cancer-associated DNA methylome changes. <i>International Journal of Cancer</i> , 2018, 143, 597-609.	2.3	25
33	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.	1.5	25
34	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.	2.4	24
35	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, 733-742.	1.0	23
36	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.	3.7	22

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37	Inhibition of DNA methylation promotes breast tumor sensitivity to netrin-1 interference. <i>EMBO Molecular Medicine</i> , 2016, 8, 863-877.	3.3	21
38	DNA Methylome Marks of Exposure to Particulate Matter at Three Time Points in Early Life. <i>Environmental Science & Technology</i> , 2018, 52, 5427-5437.	4.6	21
39	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.	0.8	19
40	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, 600.	1.2	18
41	A molecular map of lung neuroendocrine neoplasms. <i>GigaScience</i> , 2020, 9, .	3.3	17
42	Paternal body mass index and offspring DNA methylation: findings from the PACE consortium. <i>International Journal of Epidemiology</i> , 2021, 50, 1297-1315.	0.9	16
43	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.	2.3	10
44	Purified salograviolide A isolated from <i>centaurea ainetensis</i> causes growth inhibition and apoptosis in neoplastic epidermal cells. <i>International Journal of Oncology</i> , 0, .	1.4	9
45	The Cord Blood Insulin and Mitochondrial DNA Content Related Methylome. <i>Frontiers in Genetics</i> , 2019, 10, 325.	1.1	7
46	Cutaneous and acral melanoma cross-OMICs reveals prognostic cancer drivers associated with pathobiology and ultraviolet exposure. <i>Nature Communications</i> , 2022, 13, .	5.8	7
47	Combination of Arsenic and Interferon- β Inhibits Expression of KSHV Latent Transcripts and Synergistically Improves Survival of Mice with Primary Effusion Lymphomas. <i>PLoS ONE</i> , 2013, 8, e79474.	1.1	5
48	Environmental Agents and Childhood Cancer. , 2019, , 347-359.		5
49	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, 8967.	1.8	5
50	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	5
51	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.	0.4	3
52	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.	3.7	3
53	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.	1.1	1