

# Bram Bekaert

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4967146/publications.pdf>

Version: 2024-02-01

37  
papers

968  
citations

566801

15  
h-index

454577

30  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1461  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved age determination of blood and teeth samples using a selected set of DNA methylation markers. <i>Epigenetics</i> , 2015, 10, 922-930.	1.3	187
2	Maternal intake of methyl-group donors affects DNA methylation of metabolic genes in infants. <i>Clinical Epigenetics</i> , 2017, 9, 16.	1.8	129
3	Dietary and supplemental maternal methyl-group donor intake and cord blood DNA methylation. <i>Epigenetics</i> , 2017, 12, 1-10.	1.3	112
4	Randomized controlled trial of the effect of selenium supplementation on thyroid function in the elderly in the United Kingdom. <i>American Journal of Clinical Nutrition</i> , 2008, 87, 370-378.	2.2	97
5	Changes in DNA methylation induced by multi-walled carbon nanotube exposure in the workplace. <i>Nanotoxicology</i> , 2017, 11, 1195-1210.	1.6	41
6	Evaluation of three statistical prediction models for forensic age prediction based on DNA methylation. <i>Forensic Science International: Genetics</i> , 2018, 34, 128-133.	1.6	37
7	The Influence of the Duration of Breastfeeding on the Infant's Metabolic Epigenome. <i>Nutrients</i> , 2019, 11, 1408.	1.7	29
8	Carbon Nanotube- and Asbestos-Induced DNA and RNA Methylation Changes in Bronchial Epithelial Cells. <i>Chemical Research in Toxicology</i> , 2019, 32, 850-860.	1.7	28
9	DNA Methylation and Brain-Derived Neurotrophic Factor Expression Account for Symptoms and Widespread Hyperalgesia in Patients With Chronic Fatigue Syndrome and Comorbid Fibromyalgia. <i>Arthritis and Rheumatology</i> , 2020, 72, 1936-1944.	2.9	28
10	Increased methylation of NR3C1 and SLC6A4 is associated with blunted cortisol reactivity to stress in major depression. <i>Neurobiology of Stress</i> , 2020, 13, 100272.	1.9	25
11	Forensic Epigenetic Age Estimation and Beyond: Ethical and Legal Considerations. <i>Trends in Genetics</i> , 2018, 34, 489-491.	2.9	24
12	A selective set of DNA-methylation markers for age determination of blood, teeth and buccal samples. <i>Forensic Science International: Genetics Supplement Series</i> , 2015, 5, e144-e145.	0.1	22
13	Effect of selenium status and supplementation with high-selenium yeast on plasma homocysteine and B vitamin concentrations in the UK elderly. <i>Molecular Nutrition and Food Research</i> , 2008, 52, 1324-1333.	1.5	21
14	The effect of paternal methyl-group donor intake on offspring DNA methylation and birth weight. <i>Journal of Developmental Origins of Health and Disease</i> , 2017, 8, 311-321.	0.7	21
15	Single-walled and multi-walled carbon nanotubes induce sequence-specific epigenetic alterations in 16 HBE cells. <i>Oncotarget</i> , 2018, 9, 20351-20365.	0.8	21
16	Allele frequencies for the new European Standard Set (ESS) loci and D1S1677 in the Belgian population. <i>Forensic Science International: Genetics</i> , 2012, 6, e75-e77.	1.6	16
17	Epigenetic perspective on the role of brain-derived neurotrophic factor in burnout. <i>Translational Psychiatry</i> , 2020, 10, 354.	2.4	15
18	Development and evaluation of multiplex Y-STR assays for application in molecular genealogy. <i>Forensic Science International: Genetics Supplement Series</i> , 2009, 2, 57-59.	0.1	12

#	ARTICLE	IF	CITATIONS
19	Automated DNA extraction of single dog hairs without roots for mitochondrial DNA analysis. <i>Forensic Science International: Genetics</i> , 2012, 6, 277-281.	1.6	12
20	Biohistorical materials and contemporary privacy concerns-the forensic case of King Albert I. <i>Forensic Science International: Genetics</i> , 2016, 24, 202-210.	1.6	11
21	New aspects of dental implants and DNA technology in human identification. <i>Forensic Science International</i> , 2019, 302, 109926.	1.3	11
22	Survival of forensic trace evidence on improvised explosive devices: perspectives on individualisation. <i>Scientific Reports</i> , 2020, 10, 12813.	1.6	11
23	Automating a combined composite“consensus method to generate DNA profiles from low and high template mixture samples. <i>Forensic Science International: Genetics</i> , 2012, 6, 588-593.	1.6	10
24	Plasma selenium concentration and prostate cancer risk. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 1276-1277.	2.2	8
25	Role of NR3C1 and SLC6A4 methylation in the HPA axis regulation in burnout. <i>Journal of Affective Disorders</i> , 2021, 295, 505-512.	2.0	7
26	Increased sensitivity for amplified STR alleles on capillary sequencers with BigDye® XTerminator®, <sup>®</sup> . <i>Forensic Science International: Genetics Supplement Series</i> , 2009, 2, 123-124.	0.1	6
27	A comparison of mtDNA and Y chromosome diversity in Malay populations. <i>International Congress Series</i> , 2006, 1288, 252-255.	0.2	4
28	Validation of a microchip electrophoresis system as a DNA amplification control. <i>Forensic Science International: Genetics Supplement Series</i> , 2009, 2, 119-120.	0.1	3
29	Multiplex DNA amplification and barcoding in a single reaction for 454 Roche sequencing: A comprehensive study on the control region of the mitochondrial genome. <i>Forensic Science International: Genetics Supplement Series</i> , 2013, 4, e111-e112.	0.1	3
30	The AMOVA analyses and phylogenetic relationships of Pakistani population using Y STRs. <i>International Congress Series</i> , 2006, 1288, 171-173.	0.2	2
31	An automated approach for generating consensus profiles from low template STR typing results. <i>Forensic Science International: Genetics Supplement Series</i> , 2011, 3, e435-e436.	0.1	2
32	The development of a forensic clock to determine time of death. <i>Forensic Science International: Genetics Supplement Series</i> , 2017, 6, e162-e163.	0.1	2
33	Cell survival and DNA damage repair are promoted in the human blood thanatotranscriptome shortly after death. <i>Scientific Reports</i> , 2021, 11, 16585.	1.6	2
34	Evaluation of infrared photography for latent bloodstain visualization and the influence of time. <i>Forensic Science International</i> , 2022, 331, 111167.	1.3	2
35	Influence of ink and smoke ATM security systems on dactyloscopy and subsequent DNA analysis after detonation. <i>Forensic Science International: Genetics</i> , 2021, 54, 102540.	1.6	1
36	Optimization and validation of the SNPforID 34-SNPplex for POP7â,, <sup>®</sup> . <i>Forensic Science International: Genetics Supplement Series</i> , 2011, 3, e43-e44.	0.1	0

#	ARTICLE	IF	CITATIONS
37	O18-1â€¦Epigenetic effects of occupational exposure to carbon nanotubes. , 2016, , .		0