Bram Bekaert

List of Publications by Year
in descending order

37	968	566801 15	454577 30
papers	citations	h-index	g-index

39	39	39	1461
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of infrared photography for latent bloodstain visualization and the influence of time. Forensic Science International, 2022, 331, 111167.	1.3	2
2	Cell survival and DNA damage repair are promoted in the human blood thanatotranscriptome shortly after death. Scientific Reports, 2021, 11, 16585.	1.6	2
3	Influence of ink and smoke ATM security systems on dactyloscopy and subsequent DNA analysis after detonation. Forensic Science International: Genetics, 2021, 54, 102540.	1.6	1
4	Role of NR3C1 and SLC6A4 methylation in the HPA axis regulation in burnout. Journal of Affective Disorders, 2021, 295, 505-512.	2.0	7
5	Epigenetic perspective on the role of brain-derived neurotrophic factor in burnout. Translational Psychiatry, 2020, 10, 354.	2.4	15
6	Survival of forensic trace evidence on improvised explosive devices: perspectives on individualisation. Scientific Reports, 2020, 10, 12813.	1.6	11
7	Increased methylation of NR3C1 and SLC6A4 is associated with blunted cortisol reactivity to stress in major depression. Neurobiology of Stress, 2020, 13, 100272.	1.9	25
8	DNA Methylation and Brainâ€Derived Neurotrophic Factor Expression Account for Symptoms and Widespread Hyperalgesia in Patients With Chronic Fatigue Syndrome and Comorbid Fibromyalgia. Arthritis and Rheumatology, 2020, 72, 1936-1944.	2.9	28
9	The Influence of the Duration of Breastfeeding on the Infantâ€™s Metabolic Epigenome. Nutrients, 2019, 11, 1408.	1.7	29
10	New aspects of dental implants and DNA technology in human identification. Forensic Science International, 2019, 302, 109926.	1.3	11
11	Carbon Nanotube- and Asbestos-Induced DNA and RNA Methylation Changes in Bronchial Epithelial Cells. Chemical Research in Toxicology, 2019, 32, 850-860.	1.7	28
12	Forensic Epigenetic Age Estimation and Beyond: Ethical and Legal Considerations. Trends in Genetics, 2018, 34, 489-491.	2.9	24
13	Evaluation of three statistical prediction models for forensic age prediction based on DNA methylation. Forensic Science International: Genetics, 2018, 34, 128-133.	1.6	37
14	Single-walled and multi-walled carbon nanotubes induce sequence-specific epigenetic alterations in 16 HBE cells. Oncotarget, 2018, 9, 20351-20365.	0.8	21
15	Maternal intake of methyl-group donors affects DNA methylation of metabolic genes in infants. Clinical Epigenetics, 2017, 9, 16.	1.8	129
16	The effect of paternal methyl-group donor intake on offspring DNA methylation and birth weight. Journal of Developmental Origins of Health and Disease, 2017, 8, 311-321.	0.7	21
17	The development of a forensic clock to determine time of death. Forensic Science International: Genetics Supplement Series, 2017, 6, e162-e163.	0.1	2
18	Changes in DNA methylation induced by multi-walled carbon nanotube exposure in the workplace. Nanotoxicology, 2017, 11, 1195-1210.	1.6	41

#	Article	IF	Citations
19	Dietary and supplemental maternal methyl-group donor intake and cord blood DNA methylation. Epigenetics, 2017, 12, 1-10.	1.3	112
20	O18-1â€...Epigenetic effects of occupational exposure to carbon nanotubes. , 2016, , .		0
21	Biohistorical materials and contemporary privacy concerns-the forensic case of King Albert I. Forensic Science International: Genetics, 2016, 24, 202-210.	1.6	11
22	Improved age determination of blood and teeth samples using a selected set of DNA methylation markers. Epigenetics, 2015, 10, 922-930.	1.3	187
23	A selective set of DNA-methylation markers for age determination of blood, teeth and buccal samples. Forensic Science International: Genetics Supplement Series, 2015, 5, e144-e145.	0.1	22
24	Multiplex DNA amplification and barcoding in a single reaction for 454 Roche sequencing: A comprehensive study on the control region of the mitochondrial genome. Forensic Science International: Genetics Supplement Series, 2013, 4, e111-e112.	0.1	3
25	Automated DNA extraction of single dog hairs without roots for mitochondrial DNA analysis. Forensic Science International: Genetics, 2012, 6, 277-281.	1.6	12
26	Allele frequencies for the new European Standard Set (ESS) loci and D1S1677 in the Belgian population. Forensic Science International: Genetics, 2012, 6, e75-e77.	1.6	16
27	Automating a combined compositeâ€“consensus method to generate DNA profiles from low and high template mixture samples. Forensic Science International: Genetics, 2012, 6, 588-593.	1.6	10
28	Optimization and validation of the SNPforID 34-SNPplex for POP7â„¢. Forensic Science International: Genetics Supplement Series, 2011, 3, e43-e44.	0.1	0
29	An automated approach for generating consensus profiles from low template STR typing results. Forensic Science International: Genetics Supplement Series, 2011, 3, e435-e436.	0.1	2
30	Plasma selenium concentration and prostate cancer risk. American Journal of Clinical Nutrition, 2009, 89, 1276-1277.	2.2	8
31	Validation of a microchip electrophoresis system as a DNA amplification control. Forensic Science International: Genetics Supplement Series, 2009, 2, 119-120.	0.1	3
32	Development and evaluation of multiplex Y-STR assays for application in molecular genealogy. Forensic Science International: Genetics Supplement Series, 2009, 2, 57-59.	0.1	12
33	Increased sensitivity for amplified STR alleles on capillary sequencers with BigDyeÂ® XTerminatorâ„¢. Forensic Science International: Genetics Supplement Series, 2009, 2, 123-124.	0.1	6
34	Effect of selenium status and supplementation with highâ€selenium yeast on plasma homocysteine and B vitamin concentrations in the UK elderly. Molecular Nutrition and Food Research, 2008, 52, 1324-1333.	1.5	21
35	Randomized controlled trial of the effect of selenium supplementation on thyroid function in the elderly in the United Kingdom. American Journal of Clinical Nutrition, 2008, 87, 370-378.	2.2	97
36	A comparison of mtDNA and Y chromosome diversity in Malay populations. International Congress Series, 2006, 1288, 252-255.	0.2	4

#	Article	IF	Citations
37	The AMOVA analyses and phylogenetic relationships of Pakistani population using Y STRs. International Congress Series, 2006, 1288, 171-173.	0.2	2