

Wim Van Criekinge

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

2,673
citations

236925

25
h-index

254184

43
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48
all docs

48
docs citations

48
times ranked

5073
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Technical considerations in PCR-based assay design for diagnostic DNA methylation cancer biomarkers. <i>Clinical Epigenetics</i> , 2022, 14, 56. | 4.1 | 5 |
| 2 | Spectral Prediction Features as a Solution for the Search Space Size Problem in Proteogenomics. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100076. | 3.8 | 31 |
| 3 | Cost-effectiveness of SelectMDx for prostate cancer in four European countries: a comparative modeling study. <i>Prostate Cancer and Prostatic Diseases</i> , 2019, 22, 101-109. | 3.9 | 51 |
| 4 | PROTEOFORMER 2.0: Further Developments in the Ribosome Profiling-assisted Proteogenomic Hunt for New Proteoforms. <i>Molecular and Cellular Proteomics</i> , 2019, 18, S126-S140. | 3.8 | 43 |
| 5 | Clinically significant Prostate Cancer diagnosed using a urinary molecular biomarker-based risk score: two case reports. <i>BMC Urology</i> , 2019, 19, 124. | 1.4 | 1 |
| 6 | <i>MGMT</i> Promoter Methylation Cutoff with Safety Margin for Selecting Glioblastoma Patients into Trials Omitting Temozolomide: A Pooled Analysis of Four Clinical Trials. <i>Clinical Cancer Research</i> , 2019, 25, 1809-1816. | 7.0 | 94 |
| 7 | Evaluation of an Epigenetic Assay for Predicting Repeat Prostate Biopsy Outcome in African American Men. <i>Urology</i> , 2019, 128, 62-65. | 1.0 | 24 |
| 8 | Cost-effectiveness of a two-gene urine biomarker assay in MRI strategies for the initial detection of prostate cancer.. <i>Journal of Clinical Oncology</i> , 2019, 37, 91-91. | 1.6 | 1 |
| 9 | Clinical utility study of confirms mdx for prostate cancer in a community urology practice.. <i>Journal of Clinical Oncology</i> , 2019, 37, 94-94. | 1.6 | 3 |
| 10 | Validation of a two-gene mRNA urine test for detection of high-grade prostate cancer in German men.. <i>Journal of Clinical Oncology</i> , 2019, 37, 96-96. | 1.6 | 0 |
| 11 | Epigenetic markers in circulating cell-free DNA as prognostic markers for survival of castration-resistant prostate cancer patients. <i>Prostate</i> , 2018, 78, 336-342. | 2.3 | 41 |
| 12 | Analysis of DNA methylation in cancer: location revisited. <i>Nature Reviews Clinical Oncology</i> , 2018, 15, 459-466. | 27.6 | 486 |
| 13 | An update on sORFs.org: a repository of small ORFs identified by ribosome profiling. <i>Nucleic Acids Research</i> , 2018, 46, D497-D502. | 14.5 | 135 |
| 14 | Integrated transcriptomic and epigenomic analysis of ovarian cancer reveals epigenetically silenced GULP1. <i>Cancer Letters</i> , 2018, 433, 242-251. | 7.2 | 16 |
| 15 | Epigenetic sampling effects: nephrectomy modifies the clear cell renal cell cancer methylome. <i>Cellular Oncology (Dordrecht)</i> , 2017, 40, 293-297. | 4.4 | 2 |
| 16 | Genome-wide DNA Methylation Profiling Reveals Methylation Markers Associated with 3q Gain for Detection of Cervical Precancer and Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 3813-3822. | 7.0 | 68 |
| 17 | Cost-effectiveness of a new urinary biomarker-based risk score compared to standard of care in prostate cancer diagnostics – a decision analytical model. <i>BJU International</i> , 2017, 120, 659-665. | 2.5 | 45 |
| 18 | Differential analysis of genome-wide methylation and gene expression in mesenchymal stem cells of patients with fractures and osteoarthritis. <i>Epigenetics</i> , 2017, 12, 113-122. | 2.7 | 60 |

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|----|--|------|-----------|
| 19 | A urinary biomarker-based risk score correlates with multiparametric MRI for prostate cancer detection. <i>Prostate</i> , 2017, 77, 1401-1407. | 2.3 | 61 |
| 20 | Methylome analysis of extreme chemoresponsive patients identifies novel markers of platinum sensitivity in high-grade serous ovarian cancer. <i>BMC Medicine</i> , 2017, 15, 116. | 5.5 | 44 |
| 21 | A Four-Gene Promoter Methylation Marker Panel Consisting of <i>GREM1</i> , <i>NEURL</i> , <i>LAD1</i> , and <i>NEFH</i> Predicts Survival of Clear Cell Renal Cell Cancer Patients. <i>Clinical Cancer Research</i> , 2017, 23, 2006-2018. | 7.0 | 51 |
| 22 | Immune cell profiling of melanoma metastases from patients treated with TriMixDC-MEL dendritic cell therapy in combination with ipilimumab. <i>Journal of Clinical Oncology</i> , 2017, 35, e21030-e21030. | 1.6 | 0 |
| 23 | A genome-wide search for epigenetically regulated genes in zebra finch using MethylCap-seq and RNA-seq. <i>Scientific Reports</i> , 2016, 6, 20957. | 3.3 | 9 |
| 24 | Molecular and epigenetic features of melanomas and tumor immune microenvironment linked to durable remission to ipilimumab-based immunotherapy in metastatic patients. <i>Journal of Translational Medicine</i> , 2016, 14, 232. | 4.4 | 27 |
| 25 | Detection of High-grade Prostate Cancer Using a Urinary Molecular Biomarker-Based Risk Score. <i>European Urology</i> , 2016, 70, 740-748. | 1.9 | 292 |
| 26 | <i>WRN</i> Promoter CpG Island Hypermethylation Does Not Predict More Favorable Outcomes for Patients with Metastatic Colorectal Cancer Treated with Irinotecan-Based Therapy. <i>Clinical Cancer Research</i> , 2016, 22, 4612-4622. | 7.0 | 9 |
| 27 | Identification and validation of <i>WISP1</i> as an epigenetic regulator of metastasis in oral squamous cell carcinoma. <i>Genes Chromosomes and Cancer</i> , 2016, 55, 45-59. | 2.8 | 28 |
| 28 | Risk score predicts high-grade prostate cancer in DNA-methylation positive, histopathologically negative biopsies. <i>Prostate</i> , 2016, 76, 1078-1087. | 2.3 | 74 |
| 29 | DNA methylation profiling of primary neuroblastoma tumors using methyl-CpG-binding domain sequencing. <i>Scientific Data</i> , 2016, 3, 160004. | 5.3 | 11 |
| 30 | BMP-SMAD Signaling Regulates Lineage Priming, but Is Dispensable for Self-Renewal in Mouse Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2016, 6, 85-94. | 4.8 | 27 |
| 31 | Genome-wide methylome analysis using MethylCap-seq uncovers 4 hypermethylated markers with high sensitivity for both adeno- and squamous-cell cervical carcinoma. <i>Oncotarget</i> , 2016, 7, 80735-80750. | 1.8 | 15 |
| 32 | Dynamic epigenetic changes to <i>VHL</i> occur with sunitinib in metastatic clear cell renal cancer. <i>Oncotarget</i> , 2016, 7, 25241-25250. | 1.8 | 14 |
| 33 | Genome-wide DNA methylation detection by MethylCap-seq and Infinium HumanMethylation450 BeadChips: an independent large-scale comparison. <i>Scientific Reports</i> , 2015, 5, 15375. | 3.3 | 17 |
| 34 | MEXPRESS: visualizing expression, DNA methylation and clinical TCGA data. <i>BMC Genomics</i> , 2015, 16, 636. | 2.8 | 257 |
| 35 | Mining for viral fragments in methylation enriched sequencing data. <i>Frontiers in Genetics</i> , 2015, 6, 16. | 2.3 | 5 |
| 36 | PROTEOFORMER: deep proteome coverage through ribosome profiling and MS integration. <i>Nucleic Acids Research</i> , 2015, 43, e29-e29. | 14.5 | 132 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Systemic Suppression of the Shoot Metabolism upon Rice Root Nematode Infection. PLoS ONE, 2014, 9, e106858. | 2.5 | 13 |
| 38 | Methylation-mediated repression of PRDM14 contributes to apoptosis evasion in HPV-positive cancers. Carcinogenesis, 2014, 35, 2611-2618. | 2.8 | 35 |
| 39 | SNP-guided identification of monoallelic DNA-methylation events from enrichment-based sequencing data. Nucleic Acids Research, 2014, 42, e157-e157. | 14.5 | 6 |
| 40 | Bacterial Diversity Assessment in Antarctic Terrestrial and Aquatic Microbial Mats: A Comparison between Bidirectional Pyrosequencing and Cultivation. PLoS ONE, 2014, 9, e97564. | 2.5 | 60 |
| 41 | My-Forensic-Loci-queries (MyFLq) framework for analysis of forensic STR data generated by massive parallel sequencing. Forensic Science International: Genetics, 2014, 9, 1-8. | 3.1 | 75 |
| 42 | Food-derived opioid peptides inhibit cysteine uptake with redox and epigenetic consequences. Journal of Nutritional Biochemistry, 2014, 25, 1011-1018. | 4.2 | 85 |
| 43 | On Cross-Sectional Associations of Leukocyte Telomere Length with Cardiac Systolic, Diastolic and Vascular Function: The Asklepios Study. PLoS ONE, 2014, 9, e115071. | 2.5 | 19 |
| 44 | Staphylococcal enterotoxin B influences the DNA methylation pattern in nasal polyp tissue: a preliminary study. Allergy, Asthma and Clinical Immunology, 2013, 9, 48. | 2.0 | 13 |
| 45 | Transcriptional reprogramming by root knot and migratory nematode infection in rice. New Phytologist, 2012, 196, 887-900. | 7.3 | 157 |