

# Thomas Mikeska

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

3,068  
citations

257101

24  
h-index

243296

44  
g-index

47  
all docs

47  
docs citations

47  
times ranked

6371  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Homologous Recombination DNA Repair Pathway Disruption and Retinoblastoma Protein Loss Are Associated with Exceptional Survival in High-Grade Serous Ovarian Cancer. <i>Clinical Cancer Research</i> , 2018, 24, 569-580.                                       | 3.2  | 79        |
| 2  | Assessing alternative base substitutions at primer CpG sites to optimise unbiased PCR amplification of methylated sequences. <i>Clinical Epigenetics</i> , 2017, 9, 31.   | 1.8  | 10        |
| 3  | Epigenetic Basis of Human Cancer. , 2017, , 83-102.   |      | 1         |
| 4  | LRH-1 expression patterns in breast cancer tissues are associated with tumour aggressiveness. <i>Oncotarget</i> , 2017, 8, 83626-83636.   | 0.8  | 13        |
| 5  | Fc- $\gamma$ 3 Receptor Polymorphisms, Cetuximab Therapy, and Survival in the NCIC CTG CO.17 Trial of Colorectal Cancer. <i>Clinical Cancer Research</i> , 2016, 22, 2435-2444.   | 3.2  | 33        |
| 6  | MethPat: a tool for the analysis and visualisation of complex methylation patterns obtained by massively parallel sequencing. <i>BMC Bioinformatics</i> , 2016, 17, 98.   | 1.2  | 22        |
| 7  | Assessment of DNA methylation profiling and copy number variation as indications of clonal relationship in ipsilateral and contralateral breast cancers to distinguish recurrent breast cancer from a second primary tumour. <i>BMC Cancer</i> , 2015, 15, 669. | 1.1  | 14        |
| 8  | Exemplary multiplex bisulfite amplicon data used to demonstrate the utility of Methpat. <i>GigaScience</i> , 2015, 4, 55.   | 3.3  | 3         |
| 9  | DNA Methylation Biomarkers: Cancer and Beyond. <i>Genes</i> , 2014, 5, 821-864.   | 1.0  | 236       |
| 10 | No evidence for PALB2 methylation in high-grade serous ovarian cancer. <i>Journal of Ovarian Research</i> , 2013, 6, 26.  | 1.3  | 8         |
| 11 | Nonequivalent Gene Expression and Copy Number Alterations in High-Grade Serous Ovarian Cancers with <i>BRCA1</i> and <i>BRCA2</i> Mutations. <i>Clinical Cancer Research</i> , 2013, 19, 3474-3484.   | 3.2  | 76        |
| 12 | No evidence for DNA methylation of the ATM promoter CpG island in chronic lymphocytic leukemia. <i>Leukemia and Lymphoma</i> , 2012, 53, 1420-1422.   | 0.6  | 4         |
| 13 | Silencing of Irf7 pathways in breast cancer cells promotes bone metastasis through immune escape. <i>Nature Medicine</i> , 2012, 18, 1224-1231.   | 15.2 | 406       |
| 14 | RANK (TNFRSF11A) Is Epigenetically Inactivated and Induces Apoptosis in Gliomas. <i>Neoplasia</i> , 2012, 14, 526-532.  | 2.3  | 25        |
| 15 | DNA methylation biomarkers in cancer: progress towards clinical implementation. <i>Expert Review of Molecular Diagnostics</i> , 2012, 12, 473-487.  | 1.5  | 146       |
| 16 | Investigating Methylation of the Pro-Apoptotic CLL Tumour Suppressor Gene, Death Associated Protein Kinase 1 (DAPK1). <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2011, 11, S159.  | 0.2  | 0         |
| 17 | Analysing DNA Methylation Using Bisulphite Pyrosequencing. <i>Methods in Molecular Biology</i> , 2011, 791, 33-53.  | 0.4  | 61        |
| 18 | Closed-Tube PCR Methods for Locus-Specific DNA Methylation Analysis. <i>Methods in Molecular Biology</i> , 2011, 791, 55-71.  | 0.4  | 12        |

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|----|--|------|-----------|
| 19 | Aberrant DNA methylation but not mutation of CITED4 is associated with alteration of HIF-regulated genes in breast cancer. <i>Breast Cancer Research and Treatment</i> , 2011, 130, 319-329.   | 1.1  | 16        |
| 20 | p75 <sup>NTR</sup> induces apoptosis in medulloblastoma cells. <i>International Journal of Cancer</i> , 2011, 128, 1804-1812.  | 2.3  | 22        |
| 21 | Assessing combined methylation-sensitive high resolution melting and pyrosequencing for the analysis of heterogeneous DNA methylation. <i>Epigenetics</i> , 2011, 6, 500-507.  | 1.3  | 61        |
| 22 | A multiplex endpoint RT-PCR assay for quality assessment of RNA extracted from formalin-fixed paraffin-embedded tissues. <i>BMC Biotechnology</i> , 2010, 10, 89.  | 1.7  | 17        |
| 23 | DNA methylation analysis of the HIF-1 $\alpha$ prolyl hydroxylase domain genes <i>PHD1</i> , <i>PHD2</i> , <i>PHD3</i> and the factor inhibiting HIF gene <i>FIH</i> in invasive breast carcinomas. <i>Histopathology</i> , 2010, 57, 451-460. | 1.6  | 15        |
| 24 | The implications of heterogeneous DNA methylation for the accurate quantification of methylation. <i>Epigenomics</i> , 2010, 2, 561-573.   | 1.0  | 126       |
| 25 | Epigenetic Downregulation of Mitogen-Activated Protein Kinase Phosphatase MKP-2 Relieves Its Growth Suppressive Activity in Glioma Cells. <i>Cancer Research</i> , 2010, 70, 1689-1699.  | 0.4  | 66        |
| 26 | A systematic search for DNA methyltransferase polymorphisms reveals a rare DNMT3L variant associated with subtelomeric hypomethylation. <i>Human Molecular Genetics</i> , 2009, 18, 1755-1768.   | 1.4  | 55        |
| 27 | Validation of a primer optimisation matrix to improve the performance of reverse transcription quantitative real-time PCR assays. <i>BMC Research Notes</i> , 2009, 2, 112.  | 0.6  | 31        |
| 28 | Quality control of astrocyte-directed Cre transgenic mice: The benefits of a direct link between loss of gene expression and reporter activation. <i>Glia</i> , 2009, 57, 680-692.   | 2.5  | 22        |
| 29 | Selective inhibition of proliferation in colorectal carcinoma cell lines expressing mutant APC or activated Raf. <i>International Journal of Cancer</i> , 2009, 125, 297-307.  | 2.3  | 36        |
| 30 | MethMarker: user-friendly design and optimization of gene-specific DNA methylation assays. <i>Genome Biology</i> , 2009, 10, R105.   | 13.9 | 25        |
| 31 | Aberrant Methylation and Reduced Expression of LHX9 in Malignant Gliomas of Childhood. <i>Neoplasia</i> , 2009, 11, 700-711.   | 2.3  | 36        |
| 32 | Rapid analysis of heterogeneously methylated DNA using digital methylation-sensitive high resolution melting: application to the CDKN2B (p15) gene. <i>Epigenetics and Chromatin</i> , 2008, 1, 7.   | 1.8  | 65        |
| 33 | In vitro sensitivity testing of minimally passaged and uncultured gliomas with TRAIL and/or chemotherapy drugs. <i>British Journal of Cancer</i> , 2008, 99, 294-304.  | 2.9  | 17        |
| 34 | Sensitive Melting Analysis after Real Time- Methylation Specific PCR (SMART-MSP): high-throughput and probe-free quantitative DNA methylation detection. <i>Nucleic Acids Research</i> , 2008, 36, e42-e42.                                    | 6.5  | 159       |
| 35 | Optimization of Quantitative MGMT Promoter Methylation Analysis Using Pyrosequencing and Combined Bisulfite Restriction Analysis. <i>Journal of Molecular Diagnostics</i> , 2007, 9, 368-381.  | 1.2  | 194       |
| 36 | Mutations of the Wnt antagonist AXIN2 (Conductin) result in TCF-dependent transcription in medulloblastomas. <i>International Journal of Cancer</i> , 2007, 121, 284-291.  | 2.3  | 60        |

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|----|---|-----|-----------|
| 37 | Epigenetic silencing of the candidate tumor suppressor gene PROX1 in sporadic breast cancer. <i>International Journal of Cancer</i> , 2007, 121, 547-554.             | 2.3 | 65        |
| 38 | SGNE1/7B2 is epigenetically altered and transcriptionally downregulated in human medulloblastomas. <i>Oncogene</i> , 2007, 26, 5662-5668.                             | 2.6 | 25        |
| 39 | Oncogenic HRAS suppresses clusterin expression through promoter hypermethylation. <i>Oncogene</i> , 2006, 25, 4890-4903.  | 2.6 | 61        |
| 40 | CpG Island Methylation in Human Lymphocytes Is Highly Correlated with DNA Sequence, Repeats, and Predicted DNA Structure. <i>PLoS Genetics</i> , 2006, 2, e26.        | 1.5 | 183       |
| 41 | BiQ Analyzer: visualization and quality control for DNA methylation data from bisulfite sequencing. <i>Bioinformatics</i> , 2005, 21, 4067-4068.                      | 1.8 | 554       |
| 42 | Crystal structures of O-acetylated 2-acylamino-2-deoxy-d-galactose derivatives. <i>Carbohydrate Research</i> , 2003, 338, 2119-2128.                                  | 1.1 | 2         |
| 43 | (4S,5S)-4-[(1R)-1,2-Dihydroxyethyl]-5-tridecyl-1,3-oxazolidin-2-one. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o225-o227. | 0.4 | 2         |
| 44 | 6(S)-Methyl-3(S)-(1-methylethyl)piperazin-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, o171-o173.                             | 0.2 | 0         |
| 45 | 1,1-DimethylethylN-propanoylcarbamate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, o1359-o1361.                                     | 0.2 | 2         |
| 46 | tert-Butyl 4-acetyl-2,2-dimethyl-1,3-oxazolidine-3-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, o359-o361.              | 0.2 | 1         |
| 47 | 2(S)-N-tert-Butoxycarbonylamino-N-methoxy-N-methylbutanamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, o1415-o1417.              | 0.2 | 1         |