

# Barnabás Wichmann

## List of Publications by Year in descending order

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23  
papers

986  
citations

430874

18  
h-index

642732

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docs citations

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times ranked

1740  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective Role of Decorin in Primary Hepatocellular Carcinoma. <i>Frontiers in Oncology</i> , 2020, 10, 645.	2.8	21
2	Promoter Hypomethylation and Increased Expression of the Long Non-coding RNA LINC00152 Support Colorectal Carcinogenesis. <i>Pathology and Oncology Research</i> , 2020, 26, 2209-2223.	1.9	11
3	Genome-wide expression profiling in colorectal cancer focusing on lncRNAs in the adenoma-carcinoma transition. <i>BMC Cancer</i> , 2019, 19, 1059.	2.6	36
4	Comparison of Circulating miRNAs Expression Alterations in Matched Tissue and Plasma Samples During Colorectal Cancer Progression. <i>Pathology and Oncology Research</i> , 2019, 25, 97-105.	1.9	36
5	Blood Collection and Cell-Free DNA Isolation Methods Influence the Sensitivity of Liquid Biopsy Analysis for Colorectal Cancer Detection. <i>Pathology and Oncology Research</i> , 2019, 25, 915-923.	1.9	39
6	Gene promoter and exon DNA methylation changes in colon cancer development – mRNA expression and tumor mutation alterations. <i>BMC Cancer</i> , 2018, 18, 695.	2.6	45
7	Colorectal adenoma and carcinoma specific miRNA profiles in biopsy and their expression in plasma specimens. <i>Clinical Epigenetics</i> , 2017, 9, 22.	4.1	40
8	Circadian Rhythm of Methylated Septin 9, Cell-Free DNA Amount and Tumor Markers in Colorectal Cancer Patients. <i>Pathology and Oncology Research</i> , 2017, 23, 699-706.	1.9	26
9	Colorectal adenoma and cancer detection based on altered methylation pattern of SFRP1, SFRP2, SDC2, and PRIMA1 in plasma samples. <i>Epigenetics</i> , 2017, 12, 751-763.	2.7	92
10	Construction of a multiplex mutation hot spot PCR panel: the first step towards colorectal cancer genotyping on the GS Junior platform. <i>Journal of Cancer</i> , 2017, 8, 162-173.	2.5	7
11	Ageing related methylation influences the gene expression of key control genes in colorectal cancer and adenoma. <i>World Journal of Gastroenterology</i> , 2016, 22, 10325.	3.3	49
12	Aberrant DNA methylation of WNT pathway genes in the development and progression of CIMP-negative colorectal cancer. <i>Epigenetics</i> , 2016, 11, 588-602.	2.7	67
13	miRNA Isolation from FFPE Specimen: A Technical Comparison of miRNA and Total RNA Isolation Methods. <i>Pathology and Oncology Research</i> , 2016, 22, 505-513.	1.9	12
14	Gene-expression analysis of a colorectal cancer-specific discriminatory transcript set on formalin-fixed, paraffin-embedded (FFPE) tissue samples. <i>Diagnostic Pathology</i> , 2015, 10, 126.	2.0	7
15	Cell Free DNA of Tumor Origin Induces a “Metastatic” Expression Profile in HT-29 Cancer Cell Line. <i>PLoS ONE</i> , 2015, 10, e0131699.	2.5	32
16	Comprehensive DNA Methylation Analysis Reveals a Common Ten-Gene Methylation Signature in Colorectal Adenomas and Carcinomas. <i>PLoS ONE</i> , 2015, 10, e0133836.	2.5	42
17	DNA hypermethylation and decreased mRNA expression of MAL, PRIMA1, PTGDR and SFRP1 in colorectal adenoma and cancer. <i>BMC Cancer</i> , 2015, 15, 736.	2.6	53
18	Comparison of Automated and Manual DNA Isolation Methods for DNA Methylation Analysis of Biopsy, Fresh Frozen, and Formalin-Fixed, Paraffin-Embedded Colorectal Cancer Samples. <i>Journal of the Association for Laboratory Automation</i> , 2015, 20, 642-651.	2.8	19

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19	Myofibroblast-Derived SFRP1 as Potential Inhibitor of Colorectal Carcinoma Field Effect. PLoS ONE, 2014, 9, e106143.	2.5	32
20	Detection of Methylated Septin 9 in Tissue and Plasma of Colorectal Patients with Neoplasia and the Relationship to the Amount of Circulating Cell-Free DNA. PLoS ONE, 2014, 9, e115415.	2.5	87
21	Detection of Methylated SEPT9 in Plasma Is a Reliable Screening Method for Both Left- and Right-Sided Colon Cancers. PLoS ONE, 2012, 7, e46000.	2.5	155
22	Dysplasia-Carcinoma Transition Specific Transcripts in Colonic Biopsy Samples. PLoS ONE, 2012, 7, e48547.	2.5	52
23	Peripheral Blood Based Discrimination of Ulcerative Colitis and Crohn's Disease from Non-IBD Colitis by Genome-Wide Gene Expression Profiling. Disease Markers, 2011, 30, 1-17.	1.3	26