

# Barbara Stefanska

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2962935/publications.pdf>

Version: 2024-02-01

28  
papers

1,269  
citations

567144

15  
h-index

610775

24  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2014  
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPR-dCas9 mediated TET1 targeting for selective DNA demethylation at <i>BRCA1</i> promoter. <i>Oncotarget</i> , 2016, 7, 46545-46556.	0.8	263
2	Definition of the Landscape of Promoter DNA Hypomethylation in Liver Cancer. <i>Cancer Research</i> , 2011, 71, 5891-5903.	0.4	187
3	Sodium butyrate epigenetically modulates high-fat diet-induced skeletal muscle mitochondrial adaptation, obesity and insulin resistance through nucleosome positioning. <i>British Journal of Pharmacology</i> , 2015, 172, 2782-2798.	2.7	123
4	Comparative effects of retinoic acid, vitamin D and resveratrol alone and in combination with adenosine analogues on methylation and expression of phosphatase and tensin homologue tumour suppressor gene in breast cancer cells. <i>British Journal of Nutrition</i> , 2012, 107, 781-790.	1.2	100
5	Genome-Wide Study of Hypomethylated and Induced Genes in Patients with Liver Cancer Unravels Novel Anticancer Targets. <i>Clinical Cancer Research</i> , 2014, 20, 3118-3132.	3.2	85
6	Stilbenoids remodel the DNA methylation patterns in breast cancer cells and inhibit oncogenic NOTCH signaling through epigenetic regulation of MAML2 transcriptional activity. <i>Carcinogenesis</i> , 2016, 37, 656-668.	1.3	85
7	Hypomethylation and induction of retinoic acid receptor beta 2 by concurrent action of adenosine analogues and natural compounds in breast cancer cells. <i>European Journal of Pharmacology</i> , 2010, 638, 47-53.	1.7	82
8	Sulforaphane Alone and in Combination with Clofarabine Epigenetically Regulates the Expression of DNA Methylation-Silenced Tumour Suppressor Genes in Human Breast Cancer Cells. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2015, 8, 91-101.	1.8	56
9	Dietary antioxidants remodel DNA methylation patterns in chronic disease. <i>British Journal of Pharmacology</i> , 2020, 177, 1382-1408.	2.7	46
10	Transcription onset of genes critical in liver carcinogenesis is epigenetically regulated by methylated DNA-binding protein MBD2. <i>Carcinogenesis</i> , 2013, 34, 2738-2749.	1.3	32
11	Pharmacological methyl group donors block skeletal metastasis <i>in vitro</i> and <i>in vivo</i> . <i>British Journal of Pharmacology</i> , 2015, 172, 2769-2781.	2.7	31
12	Clofarabine, a novel adenosine analogue, reactivates DNA methylation-silenced tumour suppressor genes and inhibits cell growth in breast cancer cells. <i>European Journal of Pharmacology</i> , 2014, 723, 276-287.	1.7	26
13	Epigenetics and pharmacology. <i>British Journal of Pharmacology</i> , 2015, 172, 2701-2704.	2.7	24
14	A common promoter hypomethylation signature in invasive breast, liver and prostate cancer cell lines reveals novel targets involved in cancer invasiveness. <i>Oncotarget</i> , 2015, 6, 33253-33268.	0.8	24
15	Stilbenoid-Mediated Epigenetic Activation of Semaphorin 3A in Breast Cancer Cells Involves Changes in Dynamic Interactions of DNA with DNMT3A and NF1C Transcription Factor. <i>Molecular Nutrition and Food Research</i> , 2019, 63, 1801386.	1.5	19
16	Quercetin and Quercetin-Rich Red Onion Extract Alter <i>Pgc-1<math>\alpha</math></i> Promoter Methylation and Splice Variant Expression. <i>PPAR Research</i> , 2017, 2017, 1-8.	1.1	18
17	Loci-specific differences in blood DNA methylation in HBV-negative populations at risk for hepatocellular carcinoma development. <i>Epigenetics</i> , 2018, 13, 605-626.	1.3	13
18	Pterostilbene leads to DNMT3B-mediated DNA methylation and silencing of OCT1-targeted oncogenes in breast cancer cells. <i>Journal of Nutritional Biochemistry</i> , 2021, 98, 108815.	1.9	13

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19	Discovery and Validation of DNA Hypomethylation Biomarkers for Liver Cancer Using HRM-Specific Probes. PLoS ONE, 2013, 8, e68439.	1.1	12
20	DNA methylation landscape of triple-negative ductal carcinoma in situ (DCIS) progressing to the invasive stage in canine breast cancer. Scientific Reports, 2020, 10, 2415.	1.6	10
21	Subtle Alterations in DNA Methylation Patterns in Normal Cells in Response to Dietary Stilbenoids. Molecular Nutrition and Food Research, 2018, 62, e1800193.	1.5	7
22	Pterostilbene Changes Epigenetic Marks at Enhancer Regions of Oncogenes in Breast Cancer Cells. Antioxidants, 2021, 10, 1232.	2.2	6
23	Epigenetic aberrations of gene expression in a rat model of hepatocellular carcinoma. Epigenetics, 2022, 17, 1513-1534.	1.3	5
24	Stilbenoids as dietary regulators of the cancer epigenome. , 2019, , 353-370.		1
25	Epigenetic Regulation of WNT and Hedgehog Oncogenic Signaling in Breast Cancer Cells in Response to Dietary Polyphenols. FASEB Journal, 2017, 31, 646.63.	0.2	1
26	BRUNOL5 as a Novel Oncogene Is Epigenetically Regulated by Stilbenoids in Primary Liver Cancer Cells. Current Developments in Nutrition, 2021, 5, 287.	0.1	0
27	Supplementation of Choline-Deficient Diet With Pterostilbene Attenuates Cancer Development and Epigenetic Dysregulation of Gene Expression in Rat Livers. Current Developments in Nutrition, 2021, 5, 280.	0.1	0
28	Themed issue: "New avenues in cancer prevention and treatment". British Journal of Pharmacology, 2022, 179, 2789-2794.	2.7	0