

Petr Benes

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,653
citations

361296

20
h-index

289141

40
g-index

59
all docs

59
docs citations

59
times ranked

2889
citing authors

#	ARTICLE	IF	CITATIONS
1	Cathepsin D – Many functions of one aspartic protease. <i>Critical Reviews in Oncology/Hematology</i> , 2008, 68, 12-28.	2.0	514
2	CAVER Analyst 1.0: graphic tool for interactive visualization and analysis of tunnels and channels in protein structures. <i>Bioinformatics</i> , 2014, 30, 2684-2685.	1.8	135
3	Polymorphism R25P in the gene encoding transforming growth factor-beta (TGF- β 1) is a newly identified risk factor for proliferative diabetic retinopathy. <i>American Journal of Medical Genetics Part A</i> , 2002, 109, 278-283.	2.4	71
4	Inhibition of topoisomerase II α : Novel function of wedelolactone. <i>Cancer Letters</i> , 2011, 303, 29-38.	3.2	58
5	Trop2: Jack of All Trades, Master of None. <i>Cancers</i> , 2020, 12, 3328.	1.7	58
6	Role of vimentin in regulation of monocyte/macrophage differentiation. <i>Differentiation</i> , 2006, 74, 265-276.	1.0	57
7	c-Myb regulates matrix metalloproteinases 1/9, and cathepsin D: implications for matrix-dependent breast cancer cell invasion and metastasis. <i>Molecular Cancer</i> , 2012, 11, 15.	7.9	54
8	5 polymorphisms in the transforming growth factor- β 1 gene (TGF- β 1) in adult periodontitis. <i>Journal of Clinical Periodontology</i> , 2002, 29, 336-341.	2.3	50
9	Methylenetetrahydrofolate Reductase Polymorphism, Type II Diabetes Mellitus, Coronary Artery Disease, and Essential Hypertension in the Czech Population. <i>Molecular Genetics and Metabolism</i> , 2001, 73, 188-195.	0.5	46
10	Plant Coumestans: Recent Advances and Future Perspectives in Cancer Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 1351-1362.	0.9	38
11	C766T low-density lipoprotein receptor-related protein 1 (LRP1) gene polymorphism and susceptibility to breast cancer. <i>Breast Cancer Research</i> , 2003, 5, R77-81.	2.2	35
12	Procathepsin D in breast cancer: What do we know? Effects of ribozymes and other inhibitors. <i>Cancer Gene Therapy</i> , 2002, 9, 854-863.	2.2	34
13	Wedelolactone induces growth of breast cancer cells by stimulation of estrogen receptor signalling. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 152, 76-83.	1.2	31
14	Selective elimination of neuroblastoma cells by synergistic effect of Akt kinase inhibitor and tetrathiomolybdate. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 1859-1869.	1.6	29
15	Low-Glucose Conditions of Tumor Microenvironment Enhance Cytotoxicity of Tetrathiomolybdate to Neuroblastoma Cells. <i>Nutrition and Cancer</i> , 2013, 65, 702-710.	0.9	27
16	Role of enzymatically inactive procathepsin D in lung cancer. <i>Anticancer Research</i> , 2004, 24, 2739-43.	0.5	27
17	Wedelolactone Acts as Proteasome Inhibitor in Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 729.	1.8	25
18	Large-Scale Automated Hollow-Fiber Bioreactor Expansion of Umbilical Cord-Derived Human Mesenchymal Stromal Cells for Neurological Disorders. <i>Neurochemical Research</i> , 2020, 45, 204-214.	1.6	24

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19	Single Effects of Apolipoprotein B, (a), and E Polymorphisms and Interaction between Plasminogen Activator Inhibitor-1 and Apolipoprotein(a) Genotypes and the Risk of Coronary Artery Disease in Czech Male Caucasians. <i>Molecular Genetics and Metabolism</i> , 2000, 69, 137-143.	0.5	22
20	Acidic pH of Tumor Microenvironment Enhances Cytotoxicity of the Disulfiram/Cu ²⁺ Complex to Breast and Colon Cancer Cells. <i>Chemotherapy</i> , 2013, 59, 112-120.	0.8	22
21	Trop-2 plasticity is controlled by epithelial-to-mesenchymal transition. <i>Carcinogenesis</i> , 2018, 39, 1411-1418.	1.3	21
22	High Skp2 expression is associated with a mesenchymal phenotype and increased tumorigenic potential of prostate cancer cells. <i>Scientific Reports</i> , 2019, 9, 5695.	1.6	21
23	Redox state alters anti-cancer effects of wedelolactone. <i>Environmental and Molecular Mutagenesis</i> , 2012, 53, 515-524.	0.9	20
24	c-Myb regulates NOX1/p38 to control survival of colorectal carcinoma cells. <i>Cellular Signalling</i> , 2016, 28, 924-936.	1.7	20
25	The C766T low-density lipoprotein receptor related protein polymorphism and coronary artery disease, plasma lipoproteins, and longevity in the Czech population. <i>Journal of Molecular Medicine</i> , 2001, 79, 116-120.	1.7	19
26	Sphingomyelin and phosphatidylcholine contrarily affect the induction of apoptosis in intestinal epithelial cells. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 782-798.	1.5	17
27	Transcription factor c-Myb inhibits breast cancer lung metastasis by suppression of tumor cell seeding. <i>Oncogene</i> , 2018, 37, 1020-1030.	2.6	16
28	Effect of procathepsin D activation peptide on gene expression of breast cancer cells. <i>Cancer Letters</i> , 2006, 239, 46-54.	3.2	15
29	Overexpression of c-Myb is associated with suppression of distant metastases in colorectal carcinoma. <i>Tumor Biology</i> , 2016, 37, 10723-10729.	0.8	15
30	Osteogenic impact of pro-apoptotic caspase inhibitors in MC3T3-E1 cells. <i>Scientific Reports</i> , 2020, 10, 7489.	1.6	13
31	c-Myb interferes with inflammatory IL1±-NF-Î² pathway in breast cancer cells. <i>Neoplasia</i> , 2021, 23, 326-336.	2.3	12
32	Relation between the insertion/deletion polymorphism in the gene coding for receptor associated protein (RAP) and plasma apolipoprotein AI (apoAI) and high-density lipoprotein cholesterol (HDL) levels. <i>Clinical Genetics</i> , 2000, 57, 309-310.	1.0	11
33	Low infiltration of tumor-associated macrophages in high c-Myb-expressing breast tumors. <i>Scientific Reports</i> , 2019, 9, 11634.	1.6	10
34	Apolipoprotein B signal peptide polymorphism in relation to lipids and diabetes in male CAD patients. <i>Atherosclerosis</i> , 2000, 152, 257-258.	0.4	9
35	Functional Analysis of the Common Haplotype in the Receptor for Advanced Glycation End-Products Gene Previously Identified as a Susceptibility Factor for Diabetic Nephropathy. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2010, 118, 93-95.	0.6	9
36	High c-Myb Expression Associates with Good Prognosis in Colorectal Carcinoma. <i>Journal of Cancer</i> , 2019, 10, 1393-1397.	1.2	9

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37	Enzymatically active cathepsin D sensitizes breast carcinoma cells to TRAIL. <i>Tumor Biology</i> , 2016, 37, 10685-10696.	0.8	8
38	Lactic Acidosis Interferes With Toxicity of Perifosine to Colorectal Cancer Spheroids: Multimodal Imaging Analysis. <i>Frontiers in Oncology</i> , 2020, 10, 581365.	1.3	8
39	Metal Oxide Laser Ionization Mass Spectrometry Imaging of Fatty Acids and Their Double Bond Positional Isomers. <i>Analytical Chemistry</i> , 2022, 94, 8928-8936.	3.2	8
40	Proteomics Identification and Validation of Desmocollin-1 and Catechol-O-Methyltransferase as Proteins Associated with Breast Cancer Cell Migration and Metastasis. <i>Proteomics</i> , 2019, 19, 1900073.	1.3	7
41	Anti-cancer effects of wedelolactone: interactions with copper and subcellular localization. <i>Metallomics</i> , 2018, 10, 1524-1531.	1.0	5
42	Heavy metals induce phosphorylation of the Bcl-2 protein by Jun N-terminal kinase. <i>Biological Chemistry</i> , 2009, 390, 49-58.	1.2	4
43	Transcription factor c-Myb: novel prognostic factor in osteosarcoma. <i>Clinical and Experimental Metastasis</i> , 2022, 39, 375-390.	1.7	4
44	TACSTD2 upregulation is an early reaction to lung infection. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
45	The Relationship Among Apolipoprotein(a) Polymorphisms, the Low-Density Lipoprotein Receptor-Related Protein, and the Very Low-Density Lipoprotein Receptor Genes, and Plasma Lipoprotein(A) Concentration in the Czech Population. <i>Human Biology</i> , 2002, 74, 129-136.	0.4	2
46	A proteomic analysis of protein variations during differentiation of v-myb-transformed monoblasts. <i>Leukemia Research</i> , 2007, 31, 221-229.	0.4	2
47	Caspase-12 Is Present During Craniofacial Development and Participates in Regulation of Osteogenic Markers. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 589136.	1.8	2
48	Caspase-8 Deficient Osteoblastic Cells Display Alterations in Non-Apoptotic Pathways. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 794407.	1.8	2
49	Retinoic acid enhances differentiation of v-myb-transformed monoblasts induced by okadaic acid. <i>Leukemia Research</i> , 2007, 31, 1421-1431.	0.4	1
50	The relationship among apolipoprotein(a) polymorphisms, the low-density lipoprotein receptor-related protein, and the very low density lipoprotein receptor genes, and plasma lipoprotein(A) concentration in the Czech population. <i>Human Biology</i> , 2002, 74, 129-36.	0.4	1
51	Polymorphisms in the Apolipoprotein(a) Gene, Plasma Lp(a) and Cardiovascular Risk. <i>Cardiology</i> , 2003, 3, 217-224.	0.3	0
52	769 c-Myb promotes invasivity of breast cancer cells. <i>European Journal of Cancer, Supplement</i> , 2010, 8, 194.	2.2	0
53	Tu1355 The Phospholipids Sphingomyelin and Phosphatidylcholine Contrarily Affect the Integrity of Tight and Adherens Junctions in the Murine Intestinal Mucosa During Experimental Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2012, 142, S-810.	0.6	0
54	Nuclear factor of activated T-cells 1 increases sensitivity of v-myb transformed monoblasts to all-trans retinoic acid. <i>Cellular Signalling</i> , 2013, 25, 1546-1555.	1.7	0

#	ARTICLE	IF	CITATIONS
55	Abstract B084: Trop-2 plasticity is driven by epithelial-to-mesenchymal transition in prostate cancer cells. , 2018, , .		0