Petr Benes

List of Publications by Year in descending order

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DETD RENES

#	Article	IF	CITATIONS
1	Cathepsin D—Many functions of one aspartic protease. Critical Reviews in Oncology/Hematology, 2008, 68, 12-28.	4.4	514
2	CAVER Analyst 1.0: graphic tool for interactive visualization and analysis of tunnels and channels in protein structures. Bioinformatics, 2014, 30, 2684-2685.	4.1	135
3	Polymorphism R25P in the gene encoding transforming growth factorâ€beta (<i>TGFâ€Î²₁</i>) is a newly identified risk factor for proliferative diabetic retinopathy. American Journal of Medical Genetics Part A, 2002, 109, 278-283.	2.4	71
4	Inhibition of topoisomerase IIα: Novel function of wedelolactone. Cancer Letters, 2011, 303, 29-38.	7.2	58
5	Trop2: Jack of All Trades, Master of None. Cancers, 2020, 12, 3328.	3.7	58
6	Role of vimentin in regulation of monocyte/macrophage differentiation. Differentiation, 2006, 74, 265-276.	1.9	57
7	c-Myb regulates matrix metalloproteinases 1/9, and cathepsin D: implications for matrix-dependent breast cancer cell invasion and metastasis. Molecular Cancer, 2012, 11, 15.	19.2	54
8	5 polymorphisms in the transforming growth factorâ€Î² 1 gene (TGFâ€Î² 1) in adult periodontitis. Journal of Clinical Periodontology, 2002, 29, 336-341.	4.9	50
9	Methylenetetrahydrofolate Reductase Polymorphism, Type II Diabetes Mellitus, Coronary Artery Disease, and Essential Hypertension in the Czech Population. Molecular Genetics and Metabolism, 2001, 73, 188-195.	1.1	46
10	Plant Coumestans: Recent Advances and Future Perspectives in Cancer Therapy. Anti-Cancer Agents in Medicinal Chemistry, 2014, 14, 1351-1362.	1.7	38
11	C766T low-density lipoprotein receptor-related protein 1 (LRP1) gene polymorphism and susceptibility to breast cancer. Breast Cancer Research, 2003, 5, R77-81.	5.0	35
12	Procathepsin D in breast cancer: What do we know? Effects of ribozymes and other inhibitors. Cancer Gene Therapy, 2002, 9, 854-863.	4.6	34
13	Wedelolactone induces growth of breast cancer cells by stimulation of estrogen receptor signalling. Journal of Steroid Biochemistry and Molecular Biology, 2015, 152, 76-83.	2.5	31
14	Selective elimination of neuroblastoma cells by synergistic effect of Akt kinase inhibitor and tetrathiomolybdate. Journal of Cellular and Molecular Medicine, 2017, 21, 1859-1869.	3.6	29
15	Low-Glucose Conditions of Tumor Microenvironment Enhance Cytotoxicity of Tetrathiomolybdate to Neuroblastoma Cells. Nutrition and Cancer, 2013, 65, 702-710.	2.0	27
16	Role of enzymatically inactive procathepsin D in lung cancer. Anticancer Research, 2004, 24, 2739-43.	1.1	27
17	Wedelolactone Acts as Proteasome Inhibitor in Breast Cancer Cells. International Journal of Molecular Sciences, 2017, 18, 729.	4.1	25
18	Large-Scale Automated Hollow-Fiber Bioreactor Expansion of Umbilical Cord-Derived Human Mesenchymal Stromal Cells for Neurological Disorders. Neurochemical Research, 2020, 45, 204-214.	3.3	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. Molecular Genetics and Metabolism, 2000, 69, 137-143.	1.1	22
20	Acidic pH of Tumor Microenvironment Enhances Cytotoxicity of the Disulfiram/Cu ²⁺ Complex to Breast and Colon Cancer Cells. Chemotherapy, 2013, 59, 112-120.	1.6	22
21	Trop-2 plasticity is controlled by epithelial-to-mesenchymal transition. Carcinogenesis, 2018, 39, 1411-1418.	2.8	21
22	High Skp2 expression is associated with a mesenchymal phenotype and increased tumorigenic potential of prostate cancer cells. Scientific Reports, 2019, 9, 5695.	3.3	21
23	Redox state alters antiâ€cancer effects of wedelolactone. Environmental and Molecular Mutagenesis, 2012, 53, 515-524.	2.2	20
24	c-Myb regulates NOX1/p38 to control survival of colorectal carcinoma cells. Cellular Signalling, 2016, 28, 924-936.	3.6	20
25	The C766T low-density lipoprotein receptor related protein polymorphism and coronary artery disease, plasma lipoproteins, and longevity in the Czech population. Journal of Molecular Medicine, 2001, 79, 116-120.	3.9	19
26	Sphingomyelin and phosphatidylcholine contrarily affect the induction of apoptosis in intestinal epithelial cells. Molecular Nutrition and Food Research, 2014, 58, 782-798.	3.3	17
27	Transcription factor c-Myb inhibits breast cancer lung metastasis by suppression of tumor cell seeding. Oncogene, 2018, 37, 1020-1030.	5.9	16
28	Effect of procathepsin D activation peptide on gene expression of breast cancer cells. Cancer Letters, 2006, 239, 46-54.	7.2	15
29	Overexpression of c-Myb is associated with suppression of distant metastases in colorectal carcinoma. Tumor Biology, 2016, 37, 10723-10729.	1.8	15
30	Osteogenic impact of pro-apoptotic caspase inhibitors in MC3T3-E1 cells. Scientific Reports, 2020, 10, 7489.	3.3	13
31	c-Myb interferes with inflammatory IL1α-NF-κB pathway in breast cancer cells. Neoplasia, 2021, 23, 326-336.	5.3	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. Clinical Genetics, 2000, 57, 309-310.	2.0	11
33	Low infiltration of tumor-associated macrophages in high c-Myb-expressing breast tumors. Scientific Reports, 2019, 9, 11634.	3.3	10
34	Apolipoprotein B signal peptide polymorphism in relation to lipids and diabetes in male CAD patients. Atherosclerosis, 2000, 152, 257-258.	0.8	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. Experimental and Clinical Endocrinology and Diabetes, 2010, 118, 93-95.	1.2	9
36	High c-Myb Expression Associates with Good Prognosis in Colorectal Carcinoma. Journal of Cancer, 2019, 10, 1393-1397.	2.5	9

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37	Enzymatically active cathepsin D sensitizes breast carcinoma cells to TRAIL. Tumor Biology, 2016, 37, 10685-10696.	1.8	8
38	Lactic Acidosis Interferes With Toxicity of Perifosine to Colorectal Cancer Spheroids: Multimodal Imaging Analysis. Frontiers in Oncology, 2020, 10, 581365.	2.8	8
39	Metal Oxide Laser Ionization Mass Spectrometry Imaging of Fatty Acids and Their Double Bond Positional Isomers. Analytical Chemistry, 2022, 94, 8928-8936.	6.5	8
40	Proteomics Identification and Validation of Desmocollinâ€1 and Catecholâ€Oâ€Methyltransferase as Proteins Associated with Breast Cancer Cell Migration and Metastasis. Proteomics, 2019, 19, 1900073.	2.2	7
41	Anti-cancer effects of wedelolactone: interactions with copper and subcellular localization. Metallomics, 2018, 10, 1524-1531.	2.4	5
42	Heavy metals induce phosphorylation of the Bcl-2 protein by Jun N-terminal kinase. Biological Chemistry, 2009, 390, 49-58.	2.5	4
43	Transcription factor c-Myb: novel prognostic factor in osteosarcoma. Clinical and Experimental Metastasis, 2022, 39, 375-390.	3.3	4
44	TACSTD2 upregulation is an early reaction to lung infection. Scientific Reports, 2022, 12, .	3.3	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. Human Biology, 2002, 74, 129-136.	0.2	2
46	A proteomic analysis of protein variations during differentiation of v-myb-transformed monoblasts. Leukemia Research, 2007, 31, 221-229.	0.8	2
47	Caspase-12 Is Present During Craniofacial Development and Participates in Regulation of Osteogenic Markers. Frontiers in Cell and Developmental Biology, 2020, 8, 589136.	3.7	2
48	Caspase-8 Deficient Osteoblastic Cells Display Alterations in Non-Apoptotic Pathways. Frontiers in Cell and Developmental Biology, 2022, 10, 794407.	3.7	2
49	Retinoic acid enhances differentiation of v-myb-transformed monoblasts induced by okadaic acid. Leukemia Research, 2007, 31, 1421-1431.	0.8	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. Human Biology, 2002, 74, 129-36.	0.2	1
51	Polymorphisms in the Apolipoprotein(a) Gene, Plasma Lp(a) and Cardiovascular Risk. Cardiology, 2003, 3, 217-224.	0.3	0
52	769 c-Myb promotes invasivity of breast cancer cells. European Journal of Cancer, Supplement, 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. Gastroenterology, 2012, 142, S-810.	1.3	0
54	Nuclear factor of activated T-cells 1 increases sensitivity of v-myb transformed monoblasts to all-trans retinoic acid. Cellular Signalling, 2013, 25, 1546-1555.	3.6	0

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