

Pal I Bauer

List of Publications by Year in descending order

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docs citations

26
times ranked

775
citing authors

#	ARTICLE	IF	CITATIONS
1	Staurosporine Induces Necroptotic Cell Death under Caspase-Compromised Conditions in U937 Cells. PLoS ONE, 2012, 7, e41945.	2.5	90
2	Necroptosis: Biochemical, Physiological and Pathological Aspects. Pathology and Oncology Research, 2011, 17, 791-800.	1.9	59
3	Identification of Domains of Poly(ADP-ribose) Polymerase for Protein Binding and Self-association. Journal of Biological Chemistry, 1995, 270, 3370-3377.	3.4	58
4	Inhibition of DNA binding by the phosphorylation of poly ADP-ribose polymerase protein catalysed by protein kinase C. Biochemical and Biophysical Research Communications, 1992, 187, 730-736.	2.1	45
5	Apoptotic Cell Death Induced by Inhibitors of Energy Conservation. Bcl-2 Inhibits Apoptosis Downstream of a Fall of ATP Level. FEBS Journal, 1997, 250, 467-475.	0.2	45
6	Molecular interactions between poly(ADP-ribose) polymerase (PARP I) and topoisomerase I (Topo I): identification of topology of binding. FEBS Letters, 2001, 506, 239-242.	2.8	45
7	Mechanisms of poly(ADP-ribose) polymerase catalysis; mono-ADP-ribosylation of poly(ADP-ribose) polymerase at nanomolar concentrations of NAD. FEBS Letters, 1986, 195, 331-338.	2.8	38
8	Cellular regulation of ADP-ribosylation of proteins. Experimental Cell Research, 1991, 194, 1-8.	2.6	33
9	The Guanine-Quadruplex Structure in the Human c-myc Gene's Promoter Is Converted into B-DNA Form by the Human Poly(ADP-Ribose)Polymerase-1. PLoS ONE, 2012, 7, e42690.	2.5	32
10	Inhibition of HIV-1 IIIb replication in AA-2 and NT-2 cells in culture by two ligands of poly (ADP-ribose) polymerase: 6-amino-1,2-benzopyrone and 5-iodo-6-amino-1,2-benzopyrone. Biochemical and Biophysical Research Communications, 1991, 180, 504-514.	2.1	26
11	Destabilization of Zn ²⁺ coordination in ADP-ribose transferase (polymerizing) by 6-nitroso-1,2-benzopyrone coincidental with inactivation of the polymerase but not the DNA binding function. FEBS Letters, 1991, 290, 181-185.	2.8	25
12	Anti-cancer action of 4-iodo-3-nitrobenzamide in combination with buthionine sulfoximine: inactivation of poly(ADP-ribose) polymerase and tumor glycolysis and the appearance of a poly(ADP-ribose) polymerase protease. Biochemical Pharmacology, 2002, 63, 455-462.	4.4	22
13	Evidence for the participation of histidine residues located in the 56 kDa C-terminal polypeptide domain of ADP-ribosyl transferase in its catalytic activity. FEBS Letters, 1990, 273, 6-10.	2.8	21
14	Isolation and identification of a proteinase from calf thymus that cleaves poly(ADP-ribose) polymerase and histone H1. BBA - Proteins and Proteomics, 1997, 1338, 100-106.	2.1	20
15	Quantitative correlation between cellular proliferation and nuclear poly (ADP-ribose) polymerase (PARP-1). International Journal of Molecular Medicine, 2006, 17, 293-300.	4.0	13
16	Inhibitory binding of adenosine diphosphoribosyl transferase to the DNA primer site of reverse transcriptase templates. Biochemical and Biophysical Research Communications, 1991, 180, 496-503.	2.1	12
17	Identification of poly(ADP-ribose) polymerase-1 as the OXPHOS-generated ATP sensor of nuclei of animal cells. Biochemical and Biophysical Research Communications, 2008, 366, 568-573.	2.1	8
18	Suppression of dexamethasone-stimulated DNA synthesis in an oncogene construct containing rat cell line by a DNA site-oriented ligand of poly-ADP-ribose polymerase: 6-Amino-1,2-benzopyrone. Experimental Cell Research, 1991, 193, 1-4.	2.6	7

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19	Phosphorylation of poly(ADP-ribose)polymerase protein in human peripheral lymphocytes stimulated with phytohemagglutinin. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1994, 1223, 234-239.	4.1	7
20	Peptidyl γ -homo-aspartals (3-amino-4-carboxybutyraldehydes): New specific inhibitors of caspases. , 1999, 51, 109-118.		5
21	The influence of ATP on poly(ADP-ribose) metabolism. <i>International Journal of Molecular Medicine</i> , 2005, 16, 321-4.	4.0	4
22	Apparent Role of Adenosine Diphosphoribosyl Transferase in the Development of <i>Mytilus edulis</i> and the Inhibition of Differentiation by Ligands of the Enzyme Protein. <i>Experimental Biology and Medicine</i> , 1991, 196, 396-400.	2.4	2
23	Regulation of malignant phenotype and bioenergetics by a γ -electron donor-inducible mitochondrial MgATPase. <i>International Journal of Molecular Medicine</i> , 2011, 27, 181-6.	4.0	2
24	Dependence of <i>trans</i> -ADP-ribosylation and nuclear glycolysis on the Arg 34 ⁺ ATP complex of Zn ²⁺ finger I of poly(ADP-ribose) polymerase ¹ . <i>FEBS Letters</i> , 2008, 582, 2709-2713.	2.8	1
25	Mechanisms of antitumor action of methyl-3,5-diiodo-4-(4'-methoxyphenoxy)benzoate: drug-induced protein dephosphorylations and inhibition of the permissive action of ceramide on growth factor induced cell proliferation. <i>Oncology Reports</i> , 2005, 13, 465-8.	2.6	1
26	Conversion of Poly(ADP-ribose) Polymerase Activity to NAD- Glycohydrolase During Retinoic Acid Induced Differentiation of HL60 Cells. , 1992, , 334-337.		0