

Rafael Alvarez-Gonzalez

List of Publications by Year in descending order

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47
papers

1,421
citations

393982

19
h-index

360668

35
g-index

48
all docs

48
docs citations

48
times ranked

1040
citing authors

#	ARTICLE	IF	CITATIONS
1	Up-Regulation of Two Distinct p53-DNA Binding Functions by Covalent Poly(ADP-ribose)ation: Transactivating and Single Strand Break Sensing. <i>Cancer Investigation</i> , 2013, 31, 563-570.	0.6	4
2	Quantification of Poly(ADP-Ribose) In Vitro: Determination of the ADP-Ribose Chain Length and Branching Pattern. <i>Methods in Molecular Biology</i> , 2011, 780, 35-46.	0.4	5
3	Poly(ADP-Ribosyl)ation of Chromosomal Proteins, Epigenetic Regulation and Human Genomic Integrity in Health and Disease. , 2011, , 411-424.		0
4	Genomic Maintenance: The p53 Poly(ADP-ribose)ation Connection. <i>Science's STKE: Signal Transduction Knowledge Environment</i> , 2007, 2007, pe68.	4.1	12
5	Functional Interactions of PARP-1 with p53. , 2006, , 61-66.		3
6	Polynucleosomal Synthesis of Poly(ADP-ribose) Causes Chromatin Unfolding as Determined by Micrococcal Nuclease Digestion. <i>Annals of the New York Academy of Sciences</i> , 2004, 1030, 593-598.	1.8	9
7	Biochemical Association of Poly(ADP-ribose) Polymerase-1 and Its Apoptotic Peptide Fragments with DNA Polymerase?. <i>Chemistry and Biodiversity</i> , 2004, 1, 1476-1486.	1.0	5
8	The 40 kDa Carboxy-terminal Domain of Poly(ADP-ribose) Polymerase-1 Forms Catalytically Competent Homo- and Heterodimers in the Absence of DNA. <i>Journal of Molecular Biology</i> , 2004, 336, 105-114.	2.0	22
9	PARP regulation of eukaryotic gene expression. Survival or death?. <i>Trends in Genetics</i> , 2001, 17, 607-608.	2.9	1
10	Regulation of p53 Sequence-specific DNA-binding by Covalent Poly(ADP-ribose)ation. <i>Journal of Biological Chemistry</i> , 2001, 276, 36425-36430.	1.6	87
11	The Sequence-specific DNA Binding of NF- κ B Is Reversibly Regulated by the Automodification Reaction of Poly (ADP-ribose) Polymerase 1. <i>Journal of Biological Chemistry</i> , 2001, 276, 47664-47670.	1.6	128
12	Comparative characterisation of poly(ADP-ribose) polymerase-1 from two mammalian species with different life span. <i>Experimental Gerontology</i> , 2000, 35, 989-1002.	1.2	52
13	Chain Length Analysis of ADP-Ribose Polymers Generated by Poly(ADP-Ribose) Polymerase (PARP) as a Function of NAD^+ and Enzyme Concentrations. <i>IUBMB Life</i> , 2000, 50, 145-149.	1.5	3
14	Chain Length Analysis of ADP-Ribose Polymers Generated by Poly(ADP-Ribose) Polymerase (PARP) as a Function of NAD^+ and Enzyme Concentrations. <i>IUBMB Life</i> , 2000, 50, 145-149.	1.5	6
15	Metabolic Changes in the Poly(ADP-Ribosyl)ation Pathway of Differentiating Rat Germinal Cells. <i>Archives of Biochemistry and Biophysics</i> , 2000, 381, 111-118.	1.4	16
16	Expression of c-jun and c-fos in Apoptotic Cells After DNA Damage. <i>Cancer Investigation</i> , 2000, 18, 715-721.	0.6	14
17	Selective Loss of Poly(ADP-ribose) and the 85-kDa Fragment of Poly(ADP-ribose) Polymerase in Nucleoli during Alkylation-induced Apoptosis of HeLa Cells. <i>Journal of Biological Chemistry</i> , 1999, 274, 32122-32126.	1.6	73
18	Measurement of poly(ADP-ribose) glycohydrolase activity by high resolution polyacrylamide gel electrophoresis: Specific inhibition by histones and nuclear matrix proteins. , 1999, , 13-18.		0

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 1999, 193, 13-18.		5
20	Regulatory mechanisms of poly(ADP-ribose) polymerase. Molecular and Cellular Biochemistry, 1999, 193, 19-22.	1.4	23
21	Free Radicals, Oxidative Stress, and DNA Metabolism in Human Cancer. Cancer Investigation, 1999, 17, 376-377.	0.6	26
22	Biochemical Characterization of Mono(ADP-ribosyl)ated Poly(ADP-ribose) Polymerase. Biochemistry, 1999, 38, 3948-3953.	1.2	34
23	TFIIIF, a basal eukaryotic transcription factor, is a substrate for poly(ADP-ribosyl)ation. Biochemical Journal, 1997, 324, 249-253.	1.7	62
24	Characterization of cyclic ADP-ribose and 2-phospho-cyclic-ADP-ribose by 31P NMR spectroscopy. Bioorganic and Medicinal Chemistry Letters, 1997, 7, 581-586.	1.0	5
25	The Minimum Size That a Protein-Free ADP-Ribose Chain Requires to Precipitate in 20% (w/v) Trichloroacetic Acid Is 14 Units. Analytical Biochemistry, 1997, 247, 452-455.	1.1	0
26	Dissection of ADP-ribose polymer synthesis into individual steps of initiation, elongation, and branching. Biochimie, 1995, 77, 403-407.	1.3	37
27	Enzymology of ADP-ribose polymer synthesis. Molecular and Cellular Biochemistry, 1994, 138, 33-37.	1.4	28
28	DeoxyNAD and deoxyADP-ribosylation of proteins. Molecular and Cellular Biochemistry, 1994, 138, 213-219.	1.4	7
29	Enzymology of ADP-ribose polymer synthesis. , 1994, , 33-37.		2
30	DeoxyNAD and deoxyADP-ribosylation of proteins. , 1994, , 213-219.		0
31	Poly (3-deoxyADP-ribosyl)ation of Proteins in Liver Chromatin Isolated from Rats Fed with Hepatocarcinogens. , 1992, , 149-152.		4
32	Proteolytic Degradation of Poly(ADP-ribose)polymerase by Contaminating Proteases in Commercial Preparations of DNase I. , 1992, , 325-328.		0
33	Amino Acid Specific Modification of Poly(ADP-ribose)polymerase with Monomers and Polymers of ADP-ribose. , 1992, , 307-311.		0
34	Mono(ADP-ribosyl)ation of poly(ADP-ribose)polymerase by cholera toxin. Biochemical and Biophysical Research Communications, 1991, 181, 1412-1418.	1.0	7
35	Oligo(3'-deoxyADP-ribosyl)ation of thenuclear matrix lamins from rat liver utilizing 3'-deoxyNAD as a substrate. FEBS Letters, 1990, 277, 88-92.	1.3	11
36	Poly(ADP-ribose) catabolism in mammalian cells exposed to DNA-damaging agents. Mutation Research DNA Repair, 1989, 218, 67-74.	3.8	202

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37	In Vitro ADP-Ribosylation Utilizing ^{2-14}C -Deoxy-NAD ⁺ as a Substrate. , 1989, , 53-56.		0
38	Poly(ADP-Ribose) May Signal Changing Metabolic Conditions to the Chromatin of Mammalian Cells. , 1989, , 213-217.		0
39	Synthesis and purification of deoxyribose analogues of NAD ⁺ by affinity chromatography and strong-anion-exchange high-performance liquid chromatography. Journal of Chromatography A, 1988, 444, 89-95.	1.8	12
40	Selective probing of ADP-ribosylation reactions with oxidized 2'-deoxynicotinamide adenine dinucleotide. Biochemistry, 1988, 27, 5378-5383.	1.2	12
41	Nuclear matrix associated poly(ADP-ribose) metabolism in regenerating rat liver. FEBS Letters, 1988, 236, 362-366.	1.3	37
42	Poly(ADP-ribose) may signal changing metabolic conditions to the chromatin of mammalian cells.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 1286-1289.	3.3	52
43	Characterization of polymers of adenosine diphosphate ribose generated in vitro and in vivo. Biochemistry, 1987, 26, 3218-3224.	1.2	232
44	Poly(ADP-ribose) biosynthesis and suicidal NAD ⁺ depletion following carcinogen exposure of mammalian cells. Biochemical and Biophysical Research Communications, 1986, 138, 1051-1057.	1.0	28
45	A new highly selective physicochemical assay to measure NAD ⁺ in intact cells. Analytical Biochemistry, 1986, 156, 473-480.	1.1	21
46	[50] Determination of in Vivo levels of polymeric and monomeric ADP-ribose by fluorescence methods. Methods in Enzymology, 1984, 106, 483-494.	0.4	72
47	Evaluation of immobilized boronates for studies of adenine and pyridine nucleotide metabolism. Analytical Biochemistry, 1983, 135, 69-77.	1.1	62