Guy G Poirier

List of Publications by Year
in descending order

290 papers	33,487 citations	4641 85 h-index	3997 176 g-index
297 all docs	297 docs citations	297 times ranked	24948 citing authors

#	Article	IF	Citations
1	ADPâ€ribosyltransferases, an update on function and nomenclature. FEBS Journal, 2022, 289, 7399-7410.	2.2	150
2	Identification of Mitofusin 1 and Complement Component 1q Subcomponent Binding Protein as Mitochondrial Targets in Systemic Lupus Erythematosus. Arthritis and Rheumatology, 2022, 74, 1193-1203.	2.9	13
3	Neuroprotective Effects of PARP Inhibitors in Drosophila Models of Alzheimerâ€™s Disease. Cells, 2022, 11, 1284.	1.8	9
4	The SARS-CoV-2 Conserved Macrodomain Is a Mono-ADP-Ribosylhydrolase. Journal of Virology, 2021, 95, .	1.5	98
5	Drosophila Tubulin-Specific Chaperone E Recruits Tubulin around Chromatin to Promote Mitotic Spindle Assembly. Current Biology, 2021, 31, 684-695.e6.	1.8	6
6	CARM1 regulates replication fork speed and stress response by stimulating PARP1. Molecular Cell, 2021, 81, 784-800.e8.	4.5	61
7	Platelets release mitochondrial antigens in systemic lupus erythematosus. Science Translational Medicine, 2021, 13, .	5.8	59
8	Zinc finger protein E4F1 cooperates with PARP-1 and BRG1 to promote DNA double-strand break repair. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	18
9	PARP-1 activation leads to cytosolic accumulation of TDP-43 in neurons. Neurochemistry International, 2021, 148, 105077.	1.9	5
10	404â€…Platelets are a source of extracellular mitochondria and mitochondrial DNA in systemic lupus erythematosus. , 2021, , .		0
11	Assessment of PARP-1 Distribution in Tissues of Cynomolgus Monkeys. Journal of Histochemistry and Cytochemistry, 2020, 68, 413-435.	1.3	4
12	The prefoldin complex stabilizes the von Hippel-Lindau protein against aggregation and degradation. PLoS Genetics, 2020, 16, e1009183.	1.5	6
13	SULT4A1 Protects Against Oxidative-Stress Induced Mitochondrial Dysfunction in Neuronal Cells. Drug Metabolism and Disposition, 2019, 47, 949-953.	1.7	13
14	Poly(ADP-ribose) polymerase-1 antagonizes DNA resection at double-strand breaks. Nature Communications, 2019, 10, 2954.	5.8	122
15	Emerging roles of eraser enzymes in the dynamic control of protein ADP-ribosylation. Nature Communications, 2019, 10, 1182.	5.8	113
16	A Context-Dependent Role for the RNF146 Ubiquitin Ligase in Wingless/Wnt Signaling in Drosophila. Genetics, 2019, 211, 913-923.	1.2	6
17	Localized protein biotinylation at DNA damage sites identifies ZPET, a repressor of homologous recombination. Genes and Development, 2019, 33, 75-89.	2.7	18
18	Platelets release pathogenic serotonin and return to circulation after immune complex-mediated sequestration. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1550-E1559.	3.3	164

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19	A Phase I Clinical Trial of the Poly(ADP-ribose) Polymerase Inhibitor Veliparib and Weekly Topotecan in Patients with Solid Tumors. Clinical Cancer Research, 2018, 24, 744-752.	3.2	43
20	Poly(ADP-ribose) drives pathologic Î±-synuclein neurodegeneration in Parkinsonâ€™s disease. Science, 2018, 362, .	6.0	317
21	Hydrofluoric Acid-Based Derivatization Strategy To Profile PARP-1 ADP-Ribosylation by LCâ€“MS/MS. Journal of Proteome Research, 2018, 17, 2542-2551.	1.8	15
22	Urinary Elimination of Bile Acid Glucuronides under Severe Cholestatic Situations: Contribution of Hepatic and Renal Glucuronidation Reactions. Canadian Journal of Gastroenterology and Hepatology, 2018, 2018, 1-12.	0.8	12
23	Direct Phosphorylation of SRC Homology 3 Domains by Tyrosine Kinase Receptors Disassembles Ligand-Induced Signaling Networks. Molecular Cell, 2018, 70, 995-1007.e11.	4.5	21
24	Aurora kinase A localises to mitochondria to control organelle dynamics and energy production. ELife, 2018, 7, .	2.8	63
25	Selective and sensitive quantification of the cytochrome P450 3A4 protein in human liver homogenates through multiple reaction monitoring mass spectrometry. Proteomics, 2016, 16, 2827-2837.	1.3	8
26	Poly(ADP-ribosyl)ation-dependent Transient Chromatin Decondensation and Histone Displacement following Laser Microirradiation. Journal of Biological Chemistry, 2016, 291, 1789-1802.	1.6	80
27	Different non-synonymous polymorphisms modulate the interaction of the WRN protein to its protein partners and its enzymatic activities. Oncotarget, 2016, 7, 85680-85696.	0.8	3
28	Roles of Rad51 paralogs for promoting homologous recombination in Leishmania infantum. Nucleic Acids Research, 2015, 43, 2701-2715.	6.5	23
29	DNA Damage Signalling and Repair Inhibitors: The Long-Sought-After Achillesâ€™ Heel of Cancer. Biomolecules, 2015, 5, 3204-3259.	1.8	85
30	The von Hippelâ€“Lindau tumour suppressor gene: uncovering the expression of the pVHL172 isoform. British Journal of Cancer, 2015, 113, 336-344.	2.9	21
31	DNA ligase III acts as a DNA strand break sensor in the cellular orchestration of DNA strand break repair. Nucleic Acids Research, 2015, 43, 875-892.	6.5	32
32	Quantitative site-specific ADP-ribosylation profiling of DNA-dependent PARPs. DNA Repair, 2015, 30, 68-79.	1.3	56
33	The RNF138 E3 ligase displaces Ku to promote DNA end resection and regulate DNA repair pathway choice. Nature Cell Biology, 2015, 17, 1446-1457.	4.6	113
34	Crystallographic and Biochemical Analysis of the Mouse Poly(ADP-Ribose) Glycohydrolase. PLoS ONE, 2014, 9, e86010.	1.1	24
35	ARTD1/PARP1 Negatively Regulates Glycolysis by Inhibiting Hexokinase 1 Independent of NAD + Depletion. Cell Reports, 2014, 8, 1819-1831.	2.9	169
36	Ensconsin/Map7 promotes microtubule growth and centrosome separation in Drosophila neural stem cells. Journal of Cell Biology, 2014, 204, 1111-1121.	2.3	60

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37	Poly(ADP-ribose) polymerase-dependent energy depletion occurs through inhibition of glycolysis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10209-10214.	3.3	253
38	Germline Mutations in BAP1 Impair Its Function in DNA Double-Strand Break Repair. Cancer Research, 2014, 74, 4282-4294.	0.4	168
39	Quantitative proteomic analysis of amphotericin B resistance in Leishmania infantum. International Journal for Parasitology: Drugs and Drug Resistance, 2014, 4, 126-132.	1.4	71
40	The RAD51 paralogs ensure cellular protection against mitotic defects and aneuploidy. Journal of Cell Science, 2013, 126, 348-359.	1.2	47
41	Reprogramming cellular events by poly(ADP-ribose)-binding proteins. Molecular Aspects of Medicine, 2013, 34, 1066-1087.	2.7	141
42	Mapping PARP-1 Auto-ADP-ribosylation Sites by Liquid Chromatographyâ€“Tandem Mass Spectrometry. Journal of Proteome Research, 2013, 12, 1868-1880.	1.8	80
43	Polycomb repressive complex 2 contributes to DNA double-strand break repair. Cell Cycle, 2013, 12, 2675-2683.	1.3	112
44	Proteomic and Genomic Analyses of Antimony Resistant Leishmania infantum Mutant. PLoS ONE, 2013, 8, e81899.	1.1	63
45	Poly(ADP) Ribose Polymerase at the Interface of DNA Damage Signaling and DNA Repair. , 2013, , 167-186.		0
46	PARP activation regulates the RNA-binding protein NONO in the DNA damage response to DNA double-strand breaks. Nucleic Acids Research, 2012, 40, 10287-10301.	6.5	136
47	Quantitative proteomics and dynamic imaging reveal that G3BP-mediated stress granule assembly is poly(ADP-ribose)-dependent following exposure to MNNG-induced DNA alkylation. Journal of Cell Science, 2012, 125, 4555-66.	1.2	59
48	CBX4-mediated SUMO modification regulates BMI1 recruitment at sites of DNA damage. Nucleic Acids Research, 2012, 40, 5497-5510.	6.5	117
49	Failure of Iniparib to Inhibit Poly(ADP-Ribose) Polymerase In Vitro. Clinical Cancer Research, 2012, 18, 1655-1662.	3.2	204
50	Quantitative proteomics profiling of the poly(ADP-ribose)-related response to genotoxic stress. Nucleic Acids Research, 2012, 40, 7788-7805.	6.5	138
51	Enhanced Killing of Cancer Cells by Poly(ADP-ribose) Polymerase Inhibitors and Topoisomerase I Inhibitors Reflects Poisoning of Both Enzymes. Journal of Biological Chemistry, 2012, 287, 4198-4210.	1.6	89
52	PARP1 Parylation Promotes Silent Locus Transmission in the Nucleolus: The Suspicion Confirmed. Molecular Cell, 2012, 45, 706-707.	4.5	6
53	Proteomics reveals a switch in CDK1-associated proteins upon M-phase exit during the Xenopus laevis oocyte to embryo transition. International Journal of Biochemistry and Cell Biology, 2012, 44, 53-64.	1.2	13
54	PARP-1 Modulation of mTOR Signaling in Response to a DNA Alkylating Agent. PLoS ONE, 2012, 7, e47978.	1.1	64

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55	PARP-1 Activationâ€"Bringing the Pieces Together. Science, 2012, 336, 678-679.	6.0	22
56	Proteome-wide Identification of WRN-Interacting Proteins in Untreated and Nuclease-Treated Samples. Journal of Proteome Research, 2011, 10, 1216-1227.	1.8	39
57	Mass spectrometry-based functional proteomics of poly(ADP-ribose) polymerase-1. Expert Review of Proteomics, 2011, 8, 759-774.	1.3	14
58	Poly(ADP-Ribose) (PAR) Binding to Apoptosis-Inducing Factor Is Critical for PAR Polymerase-1â€"Dependent Cell Death (Parthanatos). Science Signaling, 2011, 4, ra20.	1.6	360
59	PARP-3 and APLF Function Together to Accelerate Nonhomologous End-Joining. Molecular Cell, 2011, 41, 33-45.	4.5	278
60	Iduna protects the brain from glutamate excitotoxicity and stroke by interfering with poly(ADP-ribose) polymer-induced cell death. Nature Medicine, 2011, 17, 692-699.	15.2	190
61	Focus on Computational Proteomics. Proteomics, 2011, 11, 3771-3772.	1.3	0
62	Iduna is a poly(ADP-ribose) (PAR)-dependent E3 ubiquitin ligase that regulates DNA damage. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14103-14108.	3.3	205
63	Affinity-Based Assays for the Identification and Quantitative Evaluation of Noncovalent Poly(ADP-Ribose)-Binding Proteins. Methods in Molecular Biology, 2011, 780, 93-115.	0.4	10
64	A Key Role for Poly(ADP-Ribose) Polymerase 3 in Ectodermal Specification and Neural Crest Development. PLoS ONE, 2011, 6, e15834.	1.1	17
65	Investigation of PARP-1, PARP-2, and PARG interactomes by affinity-purification mass spectrometry. Proteome Science, 2010, 8, 22.	0.7	133
66	PARP inhibition: PARP1 and beyond. Nature Reviews Cancer, 2010, 10, 293-301.	12.8	1,166
67	An SNP in an ultraconserved regulatory element affects Dlx5/Dlx6 regulation in the forebrain. Development (Cambridge), 2010, 137, 3089-3097.	1.2	63
68	The Human UGT1A3 Enzyme Conjugates Norursodeoxycholic Acid into a C23-ester Glucuronide in the Liver. Journal of Biological Chemistry, 2010, 285, 1113-1121.	1.6	19
69	Assessment of PARP-3 Distribution in Tissues of Cynomolgous Monkeys. Journal of Histochemistry and Cytochemistry, 2009, 57, 675-685.	1.3	12
70	Quality assessment of tandem mass spectra using support vector machine (SVM). BMC Bioinformatics, 2009, 10, S49.	1.2	9
71	A HUPO test sample study reveals common problems in mass spectrometryâ€"based proteomics. Nature Methods, 2009, 6, 423-430.	9.0	316
72	Proteomic analysis of enriched lysosomes at early phase of camptothecin-induced apoptosis in human U-937 cells. Journal of Proteomics, 2009, 72, 960-973.	1.2	21

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73	Proteomic Investigation of Phosphorylation Sites in Poly(ADP-ribose) Polymerase-1 and Poly(ADP-ribose) Glycohydrolase. Journal of Proteome Research, 2009, 8, 1014-1029.	1.8	49
74	A novel approach to denoising ion trap tandem mass spectra. Proteome Science, 2009, 7, 9.	0.7	23
75	Human Proteinpedia enables sharing of human protein data. Nature Biotechnology, 2008, 26, 164-167.	9.4	155
76	Effect of potato suberin on Streptomyces scabies proteome. Molecular Plant Pathology, 2008, 9, 753-762.	2.0	22
77	Quality assessment of peptide tandem mass spectra. BMC Bioinformatics, 2008, 9, S13.	1.2	24
78	Proteomic Characterization of Mouse Cytosolic and Membrane Prostate Fractions: High Levels of Free SUMO Peptides Are Androgen-Regulated. Journal of Proteome Research, 2008, 7, 4492-4499.	1.8	8
79	Differential Proteomic Screen To Evidence Proteins Ubiquitinated upon Mitotic Exit in Cell-Free Extract of Xenopus laevis Embryos. Journal of Proteome Research, 2008, 7, 4701-4714.	1.8	5
80	Human Papillomavirus E1 Helicase Interacts with the WD Repeat Protein p80 To Promote Maintenance of the Viral Genome in Keratinocytes. Journal of Virology, 2008, 82, 1271-1283.	1.5	41
81	Genomic location of the human RNA polymerase II general machinery: evidence for a role of TFIIF and Rpb7 at both early and late stages of transcription. Biochemical Journal, 2008, 409, 139-147.	1.7	31
82	PARP1-dependent Kinetics of Recruitment of MRE11 and NBS1 Proteins to Multiple DNA Damage Sites. Journal of Biological Chemistry, 2008, 283, 1197-1208.	1.6	469
83	Proteome-wide identification of poly(ADP-ribose) binding proteins and poly(ADP-ribose)-associated protein complexes. Nucleic Acids Research, 2008, 36, 6959-6976.	6.5	359
84	An approach to assessing peptide mass spectral quality without prior information. International Journal of Functional Informatics and Personalised Medicine, 2008, 1, 140.	0.4	4
85	Ataxia Telangiectasia Mutated (ATM) Signaling Network Is Modulated by a Novel Poly(ADP-ribose)-dependent Pathway in the Early Response to DNA-damaging Agents. Journal of Biological Chemistry, 2007, 282, 16441-16453.	1.6	225
86	Influence of duration of focal cerebral ischemia and neuronal nitric oxide synthase on translocation of apoptosis-inducing factor to the nucleus. Neuroscience, 2007, 144, 56-65.	1.1	40
87	Spatial and functional relationship between poly(ADP-ribose) polymerase-1 and poly(ADP-ribose) glycohydrolase in the brain. Neuroscience, 2007, 148, 198-211.	1.1	34
88	Systematic Analysis of the Protein Interaction Network for the Human Transcription Machinery Reveals the Identity of the 7SK Capping Enzyme. Molecular Cell, 2007, 27, 262-274.	4.5	404
89	Comparative proteome analysis of human epithelial ovarian cancer. Proteome Science, 2007, 5, 16.	0.7	47
90	Comparative Proteomics Analyses Reveal a Potential Biomarker for the Detection of Vancomycin-Intermediate Staphylococcus aureus Strains. Journal of Proteome Research, 2007, 6, 4690-4702.	1.8	56

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91	PARP-3 associates with polycomb group bodies and with components of the DNA damage repair machinery. Journal of Cellular Biochemistry, 2007, 100, 385-401.	1.2	100
92	A novel form of ataxia oculomotor apraxia characterized by oxidative stress and apoptosis resistance. Cell Death and Differentiation, 2007, 14, 1149-1161.	5.0	14
93	PARPs database: A LIMS systems for protein-protein interaction data mining or laboratory information management system. BMC Bioinformatics, 2007, 8, 483.	1.2	17
94	Amino acid substitutions that specifically impair the transcriptional activity of papillomavirus E2 affect binding to the long isoform of Brd4. Virology, 2007, 358, 10-17.	1.1	71
95	PARP-1-induced cell death through inhibition of the MEK/ERK pathway in MNNG-treated HeLa cells. Apoptosis: an International Journal on Programmed Cell Death, 2007, 12, 2037-2049.	2.2	29
96	TRANSCRIPTION: Gene Expression Needs a Break to Unwind Before Carrying On. Science, 2006, 312, 1752-1753.	6.0	29
97	RT-PSM, a real-time program for peptide-spectrum matching with statistical significance. Rapid Communications in Mass Spectrometry, 2006, 20, 1199-1208.	0.7	18
98	Insulin-dependent phosphorylation of DPP IV in liver. Evidence for a role of compartmentalized c-Src. FEBS Journal, 2006, 273, 992-1003.	2.2	19
99	The expanding role of poly(ADP-ribose) metabolism: current challenges and new perspectives. Current Opinion in Cell Biology, 2006, 18, 145-151.	2.6	120
100	Dynamic relocation of poly(ADP-ribose) glycohydrolase isoforms during radiation-induced DNA damage. Biochimica Et Biophysica Acta - Molecular Cell Research, 2006, 1763, 226-237.	1.9	40
101	Bioinformatic Standards for Proteomics-Oriented Mass Spectrometry. Current Proteomics, 2006, 3, 119-128.	0.1	7
102	Apoptosis-inducing factor mediates poly(ADP-ribose) (PAR) polymer-induced cell death. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18314-18319.	3.3	655
103	Quality Assessment of Peptide Tandem Mass Spectra. , 2006, , .		0
104	Poly(ADP-ribose) (PAR) polymer is a death signal. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18308-18313.	3.3	572
105	Poly(ADP-ribose) glycohydrolase is a component of the FMRP-associated messenger ribonucleoparticles. Biochemical Journal, 2005, 392, 499-509.	1.7	19
106	LOW HEPATIC ETHOXYRESORUFIN-O-DEETHYLASE ACTIVITY CORRELATES WITH HIGH ORGANOCHLORINE CONCENTRATIONS IN ATLANTIC TOMCOD FROM THE CANADIAN EAST COAST. Environmental Toxicology and Chemistry, 2005, 24, 2459.	2.2	16
107	Proteome profiling of human epithelial ovarian cancer cell line TOV-112D. Molecular and Cellular Biochemistry, 2005, 275, 25-55.	1.4	35
108	Experimental and bioinformatic approaches for interrogating proteinâ€“protein interactions to determine protein function. Journal of Molecular Endocrinology, 2005, 34, 263-280.	1.1	56

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109	Targeting poly(ADP-ribosyl)ation: a promising approach in cancer therapy. Trends in Molecular Medicine, 2005, 11, 456-463.	3.5	92
110	Failure to degrade poly(ADP-ribose) causes increased sensitivity to cytotoxicity and early embryonic lethality. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 17699-17704.	3.3	285
111	Poly(ADP-ribosyl)ated chromatin domains: access granted. Journal of Cell Science, 2004, 117, 815-825.	1.2	174
112	A conserved initiator element on the mammalian poly(ADP-ribose) polymerase-1 promoters, in combination with flanking core elements, is necessary to obtain high transcriptional activity. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2004, 1679, 37-46.	2.4	12
113	Apoptosis-Inducing Factor Substitutes for Caspase Executioners in NMDA-Triggered Excitotoxic Neuronal Death. Journal of Neuroscience, 2004, 24, 10963-10973.	1.7	258
114	PARP-1, a determinant of cell survival in response to DNA damage. Experimental Hematology, 2003, 31, 446-454.	0.2	332
115	Alteration of poly(ADP-ribose) glycohydrolase nucleocytoplasmic shuttling characteristics upon cleavage by apoptotic proteases. Biology of the Cell, 2003, 95, 635-644.	0.7	35
116	Nonisotopic Methods for Determination of Poly(ADP â€Ribose) Levels and Detection of Poly(ADP) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.3	8
117	Poly(ADP-ribose) Polymerase-1 Is a Positive Regulator of the p53-mediated G1 Arrest Response following Ionizing Radiation. Journal of Biological Chemistry, 2003, 278, 18914-18921.	1.6	96
118	Identification of Streptomyces coelicolor Proteins That Are Differentially Expressed in the Presence of Plant Material. Applied and Environmental Microbiology, 2003, 69, 1884-1889.	1.4	35
119	A proteomic approach to the identification of heterogeneous nuclear ribonucleoproteins as a new family of poly(ADP-ribose)-binding proteins. Biochemical Journal, 2003, 371, 331-340.	1.7	102
120	Mediation of Poly(ADP-Ribose) Polymerase-1-Dependent Cell Death by Apoptosis-Inducing Factor. Science, 2002, 297, 259-263.	6.0	1,671
121	tej Defines a Role for Poly(ADP-Ribosyl)ation in Establishing Period Length of the Arabidopsis Circadian Oscillator. Developmental Cell, 2002, 3, 51-61.	3.1	109
122	Poly(ADP-ribose) degradation by post-nuclear extracts from human cells. Biochimie, 2002, 84, 1227-1233.	1.3	21
123	Disruptor of Telomeric Silencing-1 Is a Chromatin-specific Histone H3 Methyltransferase. Journal of Biological Chemistry, 2002, 277, 30421-30424.	1.6	260
124	Environmental exposure to polychlorinated biphenyls and placental CYP1A1 activity in Inuit women from northern QuÃ©bec.. Environmental Health Perspectives, 2002, 110, 607-612.	2.8	35
125	Pharmacological Intakes of Niacin Increase Bone Marrow Poly(ADP-Ribose) and the Latency of Ethylnitrosourea-Induced Carcinogenesis in Rats. Journal of Nutrition, 2002, 132, 115-120.	1.3	31
126	Niacin Deficiency Decreases Bone Marrow Poly(ADP-Ribose) and the Latency of Ethylnitrosourea-Induced Carcinogenesis in Rats. Journal of Nutrition, 2002, 132, 108-114.	1.3	39

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127	In-situ analysis of cellular poly(ADP-ribose) production in scrapie-infected mouse neuroblastoma cells. The Histochemical Journal, 2002, 34, 357-363.	0.6	4
128	Modulation of Caspase-3 Activity by Zinc Ions and by the Cell Redox State. Experimental Cell Research, 2001, 266, 323-332.	1.2	24
129	Importance of Poly(ADP-Ribose) Glycohydrolase in the Control of Poly(ADP-Ribose) Metabolism. Experimental Cell Research, 2001, 268, 7-13.	1.2	295
130	Chapter 12 Identification and analysis of caspase substrates: Proteolytic Cleavage of poly(ADP-rib) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	8
131	Analysis of ADP-ribose polymer sizes in intact cells. Molecular and Cellular Biochemistry, 2001, 224, 183-185.	1.4	15
132	Characterization of the necrotic cleavage of poly(ADP-ribose) polymerase (PARP-1): implication of lysosomal proteases. Cell Death and Differentiation, 2001, 8, 588-594.	5.0	282
133	Identification of Sequence-Specific DNA-Binding Proteins by Southwestern Blotting. , 2001, 148, 255-264.		5
134	Nuclear Factor 1 Interferes with Sp1 Binding through a Composite Element on the Rat Poly(ADP-ribose) Polymerase Promoter to Modulate Its Activity in Vitro. Journal of Biological Chemistry, 2001, 276, 20766-20773.	1.6	34
135	Cigarette smoking during pregnancy: comparison of biomarkers for inclusion in epidemiological studies. Biomarkers, 2001, 6, 161-173.	0.9	17
136	Caspase-3-mediated Processing of Poly(ADP-ribose) Glycohydrolase during Apoptosis. Journal of Biological Chemistry, 2001, 276, 2935-2942.	1.6	106
137	Gain-of-function of poly(ADP-ribose) polymerase-1 upon cleavage by apoptotic proteases: implications for apoptosis. Journal of Cell Science, 2001, 114, 3771-3778.	1.2	242
138	NMDA But Not Non-NMDA Excitotoxicity is Mediated by Poly(ADP-Ribose) Polymerase. Journal of Neuroscience, 2000, 20, 8005-8011.	1.7	206
139	LUCA-15-encoded sequence variants regulate CD95-mediated apoptosis. Oncogene, 2000, 19, 3774-3781.	2.6	50
140	Niacin Deficiency in Rats Increases the Severity of Ethylnitrosourea-Induced Anemia and Leukopenia. Journal of Nutrition, 2000, 130, 1102-1107.	1.3	21
141	Characterization of sPARP-1. Journal of Biological Chemistry, 2000, 275, 15504-15511.	1.6	68
142	Effects of transient global ischemia and kainate on poly(ADP-ribose) polymerase (PARP) gene expression and proteolytic cleavage in gerbil and rat brains. Molecular Brain Research, 2000, 80, 7-16.	2.5	23
143	PARP degradation in apoptotic Syrian hamster embryo (SHE) cells compared to HL60 cell line. Biochimie, 2000, 82, 1115-1122.	1.3	12
144	Base excision repair is efficient in cells lacking poly(ADP-ribose) polymerase 1. Nucleic Acids Research, 2000, 28, 3887-3896.	6.5	119

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145	Caspase-mediated Cleavage of DNA Topoisomerase I at Unconventional Sites during Apoptosis. Journal of Biological Chemistry, 1999, 274, 4335-4340.	1.6	94
146	Cleavage of Automodified Poly(ADP-ribose) Polymerase during Apoptosis. Journal of Biological Chemistry, 1999, 274, 28379-28384.	1.6	400
147	Poly(ADP-ribosylation) and apoptosis. , 1999, 199, 125-137.		130
148	Title is missing!. Molecular and Cellular Biochemistry, 1999, 193, 83-87.	1.4	17
149	Relative affinities of poly(ADP-ribose) polymerase and DNA-dependent protein kinase for DNA strand interruptions. BBA - Proteins and Proteomics, 1999, 1430, 119-126.	2.1	89
150	Immunological determination and size characterization of poly(ADP-ribose) synthesized in vitro and in vivo. Biochimica Et Biophysica Acta - General Subjects, 1999, 1428, 137-146.	1.1	55
151	Fanconi Anemia C Protein Acts at a Switch between Apoptosis and Necrosis in Mitomycin C-Induced Cell Death. Experimental Cell Research, 1999, 246, 384-394.	1.2	30
152	Poly(ADP-ribose) Glycohydrolase Is Present and Active in Mammalian Cells as a 110-kDa Protein. Experimental Cell Research, 1999, 246, 395-398.	1.2	39
153	Activation of the p38 and JNK/SAPK Mitogen-Activated Protein Kinase Pathways during Apoptosis Is Mediated by a Novel Retinoid. Experimental Cell Research, 1999, 247, 233-240.	1.2	53
154	Preferential Perinuclear Localization of Poly(ADP-ribose) Glycohydrolase. Experimental Cell Research, 1999, 251, 372-378.	1.2	45
155	Liver Poly(ADP-ribose)polymerase Is Resistant to Cleavage by Caspases. Biochemical and Biophysical Research Communications, 1999, 256, 436-441.	1.0	18
156	Cytochrome P450 CYP1A1 Enzyme Activity and DNA Adducts in Placenta of Women Environmentally Exposed to Organochlorines. Environmental Research, 1999, 80, 369-382.	3.7	50
157	Poly(ADP-ribosyl)ation reactions in the regulation of nuclear functions. Biochemical Journal, 1999, 342, 249-268.	1.7	1,541
158	Poly(ADP-ribosyl)ation reactions in the regulation of nuclear functions. Biochemical Journal, 1999, 342, 249.	1.7	815
159	Niacin deficiency increases the sensitivity of rats to the short and long term effects of ethylnitrosourea treatment. , 1999, , 83-87.		1
160	Apparent cleavage of poly(ADP-ribose) polymerase in non-apoptotic mouse LTA cells: an artifact of cross-reactive secondary antibody. Molecular and Cellular Biochemistry, 1998, 178, 245-249.	1.4	8
161	Rapid detection of poly(ADP-ribose) polymerase by enzyme-linked immunosorbent assay during its purification and improvement of its purification. Molecular and Cellular Biochemistry, 1998, 185, 199-203.	1.4	2
162	Isolation, purification and partial characterization of chloragocytes from the earthworm species Lumbricus terrestris. Molecular and Cellular Biochemistry, 1998, 185, 123-133.	1.4	37

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163	Role of an acidic compartment in tumor-necrosis-factor-alpha-induced production of ceramide, activation of caspase-3 and apoptosis. FEBS Journal, 1998, 251, 295-303.	0.2	97
164	Immunodot Blot Method for the Detection of Poly(ADP-ribose) Synthesizedin Vitroandin Vivo. Analytical Biochemistry, 1998, 259, 280-283.	1.1	45
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