Michael O Hottiger

List of Publications by Year
in descending order

177 papers	17,971 citations	16791 66 h-index	15698 129 g-index
183 all docs	183 docs citations	183 times ranked	22501 citing authors

#	Article	IF	Citations
1	ADPâ€ribosyltransferases, an update on function and nomenclature. FEBS Journal, 2022, 289, 7399-7410.	2.2	150
2	A Novel Spectral Annotation Strategy Streamlines Reporting of Mono-ADP-ribosylated Peptides Derived from Mouse Liver and Spleen in Response to IFN-Î³. Molecular and Cellular Proteomics, 2022, 21, 100153.	2.5	5
3	Tankyrase-mediated ADP-ribosylation is a regulator of TNF-induced death. Science Advances, 2022, 8, eabh2332.	4.7	9
4	Gas-Phase Fragmentation of ADP-Ribosylated Peptides: Arginine-Specific Side-Chain Losses and Their Implication in Database Searches. Journal of the American Society for Mass Spectrometry, 2021, 32, 157-168.	1.2	23
5	Mitochondrial NAD+ Controls Nuclear ARTD1-Induced ADP-Ribosylation. Molecular Cell, 2021, 81, 340-354.e5.	4.5	31
6	Cytoplasmic ADP-ribosylation levels correlate with markers of patient outcome in distinct human cancers. Modern Pathology, 2021, 34, 1468-1477.	2.9	7
7	Uncovering the Invisible: Mono-ADP-ribosylation Moved into the Spotlight. Cells, 2021, 10, 680.	1.8	23
8	MyoD induces ARTD1 and nucleoplasmic poly-ADP-ribosylation during fibroblast to myoblast transdifferentiation. IScience, 2021, 24, 102432.	1.9	2
9	Establishment of a Mass-Spectrometry-Based Method for the Identification of the <i>In Vivo</i> Whole Blood and Plasma ADP-Ribosylomes. Journal of Proteome Research, 2021, 20, 3090-3101.	1.8	7
10	Identification of the Mouse T Cell ADP-Ribosylome Uncovers ARTC2.2 Mediated Regulation of CD73 by ADP-Ribosylation. Frontiers in Immunology, 2021, 12, 703719.	2.2	3
11	Investigation of Mitochondrial ADP-Ribosylation Via Immunofluorescence. Methods in Molecular Biology, 2021, 2276, 165-171.	0.4	2
12	Interplay between ADP-ribosyltransferases and essential cell signaling pathways controls cellular responses. Cell Discovery, 2021, 7, 104.	3.1	12
13	PARP1 Hinders Histone H2B Occupancy at the NFATc1 Promoter to Restrain Osteoclast Differentiation. Journal of Bone and Mineral Research, 2020, 35, 776-788.	3.1	11
14	Discovery of Compounds Inhibiting the ADP-Ribosyltransferase Activity of Pertussis Toxin. ACS Infectious Diseases, 2020, 6, 588-602.	1.8	25
15	Engineering Af1521 improves ADP-ribose binding and identification of ADP-ribosylated proteins. Nature Communications, 2020, 11, 5199.	5.8	49
16	Genetic evidence for partial redundancy between the arginine methyltransferases CARM1 and PRMT6. Journal of Biological Chemistry, 2020, 295, 17060-17070.	1.6	27
17	A Type I-F Anti-CRISPR Protein Inhibits the CRISPR-Cas Surveillance Complex by ADP-Ribosylation. Molecular Cell, 2020, 80, 512-524.e5.	4.5	33
18	The adaptor protein c-Cbl-associated protein (CAP) limits pro-inflammatory cytokine expression by inhibiting the NF-ÎºB pathway. International Immunopharmacology, 2020, 87, 106822.	1.7	9

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19	Tumor cell endogenous HIF-1Î± activity induces aberrant angiogenesis and interacts with TRAF6 pathway required for colorectal cancer development. Neoplasia, 2020, 22, 745-758.	2.3	9
20	Sirt6 deletion in bone marrow-derived cells increases atherosclerosis â€" Central role of macrophage scavenger receptor 1. Journal of Molecular and Cellular Cardiology, 2020, 139, 24-32.	0.9	26
21	New insight into the significance of KLF4 PARylation in genome stability, carcinogenesis, and therapy. EMBO Molecular Medicine, 2020, 12, e12391.	3.3	14
22	Regulation of Glucose Metabolism by NAD+ and ADP-Ribosylation. Cells, 2019, 8, 890.	1.8	53
23	A Bacterial Effector Reveals the V-ATPase-ATG16L1 Axis that Initiates Xenophagy. Cell, 2019, 178, 552-566.e20.	13.5	212
24	ARTD1 in Myeloid Cells Controls the IL-12/18â€"IFN-Î³ Axis in a Model of Sterile Sepsis, Chronic Bacterial Infection, and Cancer. Journal of Immunology, 2019, 202, 1406-1416.	0.4	16
25	A Study into the ADP-Ribosylome of IFN-Î³-Stimulated THP-1 Human Macrophage-like Cells Identifies ARTD8/PARP14 and ARTD9/PARP9 ADP-Ribosylation. Journal of Proteome Research, 2019, 18, 1607-1622.	1.8	21
26	Regulating Immunity via ADP-Ribosylation: Therapeutic Implications and Beyond. Trends in Immunology, 2019, 40, 159-173.	2.9	47
27	Graft-versus-host disease, but not graft-versus-leukemia immunity, is mediated by GM-CSFâ€"licensed myeloid cells. Science Translational Medicine, 2018, 10, .	5.8	68
28	Comprehensive ADPâ€ribosylome analysis identifies tyrosine as an ADPâ€ribose acceptor site. EMBO Reports, 2018, 19, .	2.0	75
29	Mono-ADP-Ribosylhydrolase Assays. Methods in Molecular Biology, 2018, 1813, 205-213.	0.4	4
30	Proteomic Characterization of the Heart and Skeletal Muscle Reveals Widespread Arginine ADP-Ribosylation by the ARTC1 Ectoenzyme. Cell Reports, 2018, 24, 1916-1929.e5.	2.9	55
31	Baicalein inhibits acinarâ€toâ€ductal metaplasia of pancreatic acinal cell AR42J via improving the inflammatory microenvironment. Journal of Cellular Physiology, 2018, 233, 5747-5755.	2.0	18
32	Validation of extracellular ligandâ€"receptor interactions by Flow-TriCEPS. BMC Research Notes, 2018, 11, 863.	0.6	0
33	Epigenetic regulation of nitric oxide synthase 2, inducible (Nos2) by NLRC4 inflammasomes involves PARP1 cleavage. Scientific Reports, 2017, 7, 41686.	1.6	26
34	Neer Award 2016: reduced muscle degeneration and decreased fatty infiltration after rotator cuff tear in a poly(ADP-ribose) polymerase 1 (PARP-1) knock-out mouse model. Journal of Shoulder and Elbow Surgery, 2017, 26, 733-744.	1.2	24
35	New Quantitative Mass Spectrometry Approaches Reveal Different ADP-ribosylation Phases Dependent On the Levels of Oxidative Stress. Molecular and Cellular Proteomics, 2017, 16, 949-958.	2.5	36
36	Combining Higher-Energy Collision Dissociation and Electron-Transfer/Higher-Energy Collision Dissociation Fragmentation in a Product-Dependent Manner Confidently Assigns Proteomewide ADP-Ribose Acceptor Sites. Analytical Chemistry, 2017, 89, 1523-1530.	3.2	74

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37	Targeting tumor-associated macrophages by anti-tumor Chinese materia medica. Chinese Journal of Integrative Medicine, 2017, 23, 723-732.	0.7	3
38	Kinetics of poly(ADP-ribosyl)ation, but not PARP1 itself, determines the cell fate in response to DNA damage in vitro and in vivo. Nucleic Acids Research, 2017, 45, 11174-11192.	6.5	28
39	ADP-ribose-specific chromatin-affinity purification for investigating genome-wide or locus-specific chromatin ADP-ribosylation. Nature Protocols, 2017, 12, 1951-1961.	5.5	6
40	Proteomic analyses identify ARH3 as a serine mono-ADP-ribosylhydrolase. Nature Communications, 2017, 8, 2055.	5.8	98
41	Ecto-ADP-ribosyltransferase ARTC2.1 functionally modulates FcÎ³R1 and FcÎ³R2B on murine microglia. Scientific Reports, 2017, 7, 16477.	1.6	12
42	Proteome-Wide Identification of In Vivo ADP-Ribose Acceptor Sites by Liquid Chromatographyâ€"Tandem Mass Spectrometry. Methods in Molecular Biology, 2017, 1608, 149-162.	0.4	24
43	Cell fate regulation by chromatin ADP-ribosylation. Seminars in Cell and Developmental Biology, 2017, 63, 114-122.	2.3	23
44	Identification of ADP-Ribose Acceptor Sites on In Vitro Modified Proteins by Liquid Chromatographyâ€"Tandem Mass Spectrometry. Methods in Molecular Biology, 2017, 1608, 137-148.	0.4	3
45	Crosstalk between Wnt/Î²-Catenin and NF-ÎºB Signaling Pathway during Inflammation. Frontiers in Immunology, 2016, 7, 378.	2.2	474
46	ARTD1 regulates cyclin E expression and consequently cell-cycle re-entry and G1/S progression in T24 bladder carcinoma cells. Cell Cycle, 2016, 15, 2042-2052.	1.3	8
47	PKCÎ± and HMGB1 antagonistically control hydrogen peroxide-induced poly-ADP-ribose formation. Nucleic Acids Research, 2016, 44, 7630-7645.	6.5	15
48	Regulation of Bone Morphogenetic Protein Signaling by ADP-ribosylation. Journal of Biological Chemistry, 2016, 291, 12706-12723.	1.6	6
49	Absent in Melanoma 2 (AIM2) limits pro-inflammatory cytokine transcription in cardiomyocytes by inhibiting STAT1 phosphorylation. Molecular Immunology, 2016, 74, 47-58.	1.0	18
50	Bone marrow-specific Sirt6 deletion increases atherogenesis by increasing macrophage scavenger receptor 1. Atherosclerosis, 2016, 252, e247.	0.4	0
51	ARTD1 regulates osteoclastogenesis and bone homeostasis by dampening NF-ÎºB-dependent transcription of IL-1Î². Scientific Reports, 2016, 6, 21131.	1.6	35
52	Identification of PARP-Specific ADP-Ribosylation Targets Reveals a Regulatory Function for ADP-Ribosylation in Transcription Elongation. Molecular Cell, 2016, 63, 181-183.	4.5	10
53	A continuous sirtuin activity assay without any coupling to enzymatic or chemical reactions. Scientific Reports, 2016, 6, 22643.	1.6	35
54	Proteome-wide identification of the endogenous ADP-ribosylome of mammalian cells and tissue. Nature Communications, 2016, 7, 12917.	5.8	172

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55	Several posttranslational modifications act in concert to regulate gephyrin scaffolding and GABAergic transmission. Nature Communications, 2016, 7, 13365.	5.8	67
56	Chemoselective Dimerization of Phosphates. Organic Letters, 2016, 18, 3222-3225.	2.4	19
57	Analysis of Chromatin ADP-Ribosylation at the Genome-wide Level and at Specific Loci by ADPr-ChAP. Molecular Cell, 2016, 61, 474-485.	4.5	38
58	Poly(ADP-ribosyl)ation of Methyl CpG Binding Domain Protein 2 Regulates Chromatin Structure. Journal of Biological Chemistry, 2016, 291, 4873-4881.	1.6	28
59	Poly-ADP-ribosylation-mediated degradation of ARTD1 by the NLRP3 inflammasome is a prerequisite for osteoclast maturation. Cell Death and Disease, 2016, 7, e2153-e2153.	2.7	33
60	The Sirt1 activator SRT3025 provides atheroprotection in Apoeâˆ'/âˆ' mice by reducing hepatic Pcsk9 secretion and enhancing Ldlr expression. European Heart Journal, 2015, 36, 51-59.	1.0	117
61	WNT/Î²-catenin signaling inhibits CBP-mediated RelA acetylation and expression of proinflammatory NF-ÎºB target genes. Journal of Cell Science, 2015, 128, 2430-6.	1.2	36
62	Nuclear ADP-Ribosylation and Its Role in Chromatin Plasticity, Cell Differentiation, and Epigenetics. Annual Review of Biochemistry, 2015, 84, 227-263.	5.0	200
63	Optimization of LTQ-Orbitrap Mass Spectrometer Parameters for the Identification of ADP-Ribosylation Sites. Journal of Proteome Research, 2015, 14, 4072-4079.	1.8	50
64	SnapShot: ADP-Ribosylation Signaling. Molecular Cell, 2015, 58, 1134-1134.e1.	4.5	50
65	ARTD1-induced poly-ADP-ribose formation enhances PPARÎ³ ligand binding and co-factor exchange. Nucleic Acids Research, 2015, 43, 129-142.	6.5	46
66	Poly(ADP-ribose) polymerase inhibitor therapeutic effect: are we just scratching the surface?. Expert Opinion on Therapeutic Targets, 2015, 19, 1149-1152.	1.5	16
67	ARTD1 Suppresses Interleukin 6 Expression by Repressing MLL1-Dependent Histone H3 Trimethylation. Molecular and Cellular Biology, 2015, 35, 3189-3199.	1.1	27
68	Hypoxia attenuates the proinflammatory response in colon cancer cells by regulating IÎºB. Oncotarget, 2015, 6, 20288-20301.	0.8	23
69	Loss of Sirt1 Function Improves Intestinal Anti-Bacterial Defense and Protects from Colitis-Induced Colorectal Cancer. PLoS ONE, 2014, 9, e102495.	1.1	41
70	Fine-Tuning of Smad Protein Function by Poly(ADP-Ribose) Polymerases and Poly(ADP-Ribose) Glycohydrolase during Transforming Growth Factor Î² Signaling. PLoS ONE, 2014, 9, e103651.	1.1	19
71	ARTD2 activity is stimulated by RNA. Nucleic Acids Research, 2014, 42, 5072-5082.	6.5	42
72	A SIRT7-Dependent Acetylation Switch of GABPÎ²1 Controls Mitochondrial Function. Cell Metabolism, 2014, 20, 856-869.	7.2	214

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73	Identification of ADP-ribosylated peptides and ADP-ribose acceptor sites. Frontiers in Bioscience - Landmark, 2014, 19, 1041.	3.0	25
74	Proteome-wide Identification of Poly(ADP-Ribosyl)ation Targets in Different Genotoxic Stress Responses. Molecular Cell, 2013, 52, 272-285.	4.5	315
75	PARP Inhibitor with Selectivity Toward ADP-Ribosyltransferase ARTD3/PARP3. ACS Chemical Biology, 2013, 8, 1698-1703.	1.6	48
76	Crosstalk between SET7/9-dependent methylation and ARTD1-mediated ADP-ribosylation of histone H1.4. Epigenetics and Chromatin, 2013, 6, 1.	1.8	60
77	PARP-1 and gene regulation: Progress and puzzles. Molecular Aspects of Medicine, 2013, 34, 1109-1123.	2.7	217
78	Macrodomain-containing proteins are new mono-ADP-ribosylhydrolases. Nature Structural and Molecular Biology, 2013, 20, 502-507.	3.6	276
79	PKC signaling prevents irradiation-induced apoptosis of primary human fibroblasts. Cell Death and Disease, 2013, 4, e498-e498.	2.7	40
80	SET7/9-dependent methylation of ARTD1 at K508 stimulates poly-ADP-ribose formation after oxidative stress. Open Biology, 2013, 3, 120173.	1.5	35
81	The coactivator role of histone deacetylase 3 in IL-1-signaling involves deacetylation of p65 NF-ÎºB. Nucleic Acids Research, 2013, 41, 90-109.	6.5	218
82	Artd1/Parp1 regulates reprogramming by transcriptional regulation of Fgf4 via Sox2 ADP-ribosylation. Stem Cells, 2013, 31, 2364-2373.	1.4	25
83	The peroxisome proliferator-activated receptor Î³ coactivator 1Î±/Î² (PGC-1) coactivators repress the transcriptional activity of NF-ÎºB in skeletal muscle cells.. Journal of Biological Chemistry, 2013, 288, 6589.	1.6	3
84	The Peroxisome Proliferator-activated Receptor Î³ Coactivator 1Î±/Î² (PGC-1) Coactivators Repress the Transcriptional Activity of NF-ÎºB in Skeletal Muscle Cells. Journal of Biological Chemistry, 2013, 288, 2246-2260.	1.6	159
85	Hyaluronic acid fragments enhance the inflammatory and catabolic response in human intervertebral disc cells through modulation of toll-like receptor 2 signalling pathways. Arthritis Research and Therapy, 2013, 15, R94.	1.6	81
86	<i>ARTD1</i> deletion causes increased hepatic lipid accumulation in mice fed a highâ€fat diet and impairs adipocyte function and differentiation. FASEB Journal, 2012, 26, 2631-2638.	0.2	41
87	Poly(ADP-Ribose)Polymerase-1 (PARP1) Controls Adipogenic Gene Expression and Adipocyte Function. Molecular Endocrinology, 2012, 26, 79-86.	3.7	64
88	Inflammasome-Activated Caspase 7 Cleaves PARP1 to Enhance the Expression of a Subset of NF-ÎºB Target Genes. Molecular Cell, 2012, 46, 200-211.	4.5	128
89	Inheritance of Silent rDNA Chromatin Is Mediated by PARP1 via Noncoding RNA. Molecular Cell, 2012, 45, 790-800.	4.5	136
90	SIRT1 overexpression in the rheumatoid arthritis synovium contributes to proinflammatory cytokine production and apoptosis resistance. Annals of the Rheumatic Diseases, 2011, 70, 1866-1873.	0.5	153

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91	Identification of Distinct Amino Acids as ADP-Ribose Acceptor Sites by Mass Spectrometry. Methods in Molecular Biology, 2011, 780, 57-66.	0.4	17
92	Progress in the Function and Regulation of ADP-RibosylationA report on the 18th International Conference on ADP-Ribosylation, Zurich, Switzerland, 18 to 21 August 2010.. Science Signaling, 2011, 4, mr5.	1.6	23
93	Poly(ADP-ribose) polymerase-1 protects from oxidative stress induced endothelial dysfunction. Biochemical and Biophysical Research Communications, 2011, 414, 641-646.	1.0	12
94	p65 controls NF-Î^ºB activity by regulating cellular localization of IÎºBÎ². Biochemical Journal, 2011, 434, 253-263.	1.7	27
95	HDAC-mediated deacetylation of NF-ÎºB is critical for Schwann cell myelination. Nature Neuroscience, 2011, 14, 437-441.	7.1	165
96	Histone ADP-ribosylation in DNA repair, replication and transcription. Trends in Cell Biology, 2011, 21, 534-542.	3.6	161
97	ADPâ€ribosylation of histones by ARTD1: An additional module of the histone code?. FEBS Letters, 2011, 585, 1595-1599.	1.3	45
98	Carcinogenic bacterial pathogen <i>Helicobacter pylori</i> triggers DNA double-strand breaks and a DNA damage response in its host cells. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14944-14949.	3.3	262
99	Toward a unified nomenclature for mammalian ADP-ribosyltransferases. Trends in Biochemical Sciences, 2010, 35, 208-219.	3.7	724
100	Acetylation of p65 at lysine 314 is important for late NF-ÎºB-dependent gene expression. BMC Genomics, 2010, 11, 22.	1.2	69
101	The NoRC complex mediates heterochromatin formation and stability of silent rRNA genes and centromeric repeats. EMBO Journal, 2010, 29, 2253-2253.	3.5	1
102	The NoRC complex mediates the heterochromatin formation and stability of silent rRNA genes and centromeric repeats. EMBO Journal, 2010, 29, 2135-2146.	3.5	170
103	SIRT2 regulates NF-ÎºB-dependent gene expression through deacetylation of p65 Lys310. Journal of Cell Science, 2010, 123, 4251-4258.	1.2	319
104	Inhibition of ADP Ribosylation Prevents and Cures <i>Helicobacter</i>-Induced Gastric Preneoplasia. Cancer Research, 2010, 70, 5912-5922.	0.4	34
105	PARP1 ADP-ribosylates lysine residues of the core histone tails. Nucleic Acids Research, 2010, 38, 6350-6362.	6.5	226
106	Absence of Poly(ADP-Ribose) Polymerase 1 Delays the Onset of <i>Salmonella enterica</i> Serovar Typhimurium-Induced Gut Inflammation. Infection and Immunity, 2010, 78, 3420-3431.	1.0	29
107	SIRT1 decreases Lox-1-mediated foam cell formation in atherogenesis. European Heart Journal, 2010, 31, 2301-2309.	1.0	189
108	Poly(ADP-Ribose) Polymerase 1 Participates in the Phase Entrainment of Circadian Clocks to Feeding. Cell, 2010, 142, 943-953.	13.5	309

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109	p300-mediated acetylation of the Rothmund-Thomson-syndrome gene product RECQL4 regulates its subcellular localization. Journal of Cell Science, 2009, 122, 1258-1267.	1.2	45
110	p300-mediated acetylation of the Rothmund-Thomson-syndrome gene product RECQL4 regulates its subcellular localization. Journal of Cell Science, 2009, 122, 1701-1701.	1.2	1
111	Sumoylation of poly(ADPâ€ribose) polymerase 1 inhibits its acetylation and restrains transcriptional coactivator function. FASEB Journal, 2009, 23, 3978-3989.	0.2	66
112	SIRT1 Promotes Cell Survival under Stress by Deacetylation-Dependent Deactivation of Poly(ADP-Ribose) Polymerase 1. Molecular and Cellular Biology, 2009, 29, 4116-4129.	1.1	269
113	Molecular mechanism of poly(ADP-ribosyl)ation by PARP1 and identification of lysine residues as ADP-ribose acceptor sites. Nucleic Acids Research, 2009, 37, 3723-3738.	6.5	295
114	Isolation, establishment, and characterization of ex vivo equine melanoma cell cultures. In Vitro Cellular and Developmental Biology - Animal, 2009, 45, 152-162.	0.7	6
115	A macrodomain-containing histone rearranges chromatin upon sensing PARP1 activation. Nature Structural and Molecular Biology, 2009, 16, 923-929.	3.6	382
116	CARM1 but not Its Enzymatic Activity Is Required for Transcriptional Coactivation of NF-Î°B-Dependent Gene Expression. Journal of Molecular Biology, 2009, 394, 485-495.	2.0	23
117	Peroxynitrite Induces Gene Expression in Intervertebral Disc Cells. Spine, 2009, 34, 1127-1133.	1.0	46
118	Poly(ADP-ribose) polymerase 1 at the crossroad of metabolic stress and inflammation in aging. Aging, 2009, 1, 458-469.	1.4	68
119	Importin alpha binding and nuclear localization of PARP-2 is dependent on lysine 36, which is located within a predicted classical NLS. BMC Cell Biology, 2008, 9, 39.	3.0	13
120	Application of pulsed-magnetic field enhances non-viral gene delivery in primary cells from different origins. Journal of Magnetism and Magnetic Materials, 2008, 320, 1517-1527.	1.0	22
121	Protein Arginine Methyltransferase 1 Coactivates NF-Î°B-Dependent Gene Expression Synergistically with CARM1 and PARP1. Journal of Molecular Biology, 2008, 377, 668-678.	2.0	87
122	Substrate-Assisted Catalysis by PARP10 Limits Its Activity to Mono-ADP-Ribosylation. Molecular Cell, 2008, 32, 57-69.	4.5	299
123	Identification of lysines 36 and 37 of PARP-2 as targets for acetylation and auto-ADP-ribosylation. International Journal of Biochemistry and Cell Biology, 2008, 40, 2274-2283.	1.2	56
124	Poly(ADP-Ribose) Polymerase 1 Promotes Tumor Cell Survival by Coactivating Hypoxia-Inducible Factor-1â€"Dependent Gene Expression. Molecular Cancer Research, 2008, 6, 282-290.	1.5	64
125	PARP1 is required for adhesion molecule expression in atherogenesis. Cardiovascular Research, 2008, 78, 158-166.	1.8	65
126	Functional relevance of novel p300-mediated lysine 314 and 315 acetylation of RelA/p65. Nucleic Acids Research, 2008, 36, 1665-1680.	6.5	91

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127	The diverse biological roles of mammalian PARPS, a small but powerful family of poly-ADP-ribose polymerases. Frontiers in Bioscience - Landmark, 2008, 13, 3046.	3.0	502
128	Methylation of DNA polymerase ÃŸ by protein arginine methyltransferase 1 regulates its binding to proliferating cell nuclear antigen. FASEB Journal, 2007, 21, 26-34.	0.2	61
129	MYBBP1a is a Novel Repressor of NF-Î°B. Journal of Molecular Biology, 2007, 366, 725-736.	2.0	64
130	Yeast split-ubiquitin-based cytosolic screening system to detect interactions between transcriptionally active proteins. BioTechniques, 2007, 42, 725-730.	0.8	70
131	Characterization of PEI-coated superparamagnetic iron oxide nanoparticles for transfection: Size distribution, colloidal properties and DNA interaction. Journal of Magnetism and Magnetic Materials, 2007, 311, 300-305.	1.0	90
132	Enhancement of the efficiency of non-viral gene delivery by application of pulsed magnetic field. Nucleic Acids Research, 2006, 34, e40-e40.	6.5	106
133	Genomic Instability and Aging-like Phenotype in the Absence of Mammalian SIRT6. Cell, 2006, 124, 315-329.	13.5	1,399
134	Arginine Methylation Regulates DNA Polymerase Î². Molecular Cell, 2006, 22, 51-62.	4.5	161
135	NF-Î°B contributes to transcription of placenta growth factor and interacts with metal responsive transcription factor-1 in hypoxic human cells. Biological Chemistry, 2006, 387, .	1.2	1
136	Nuclear ADP-Ribosylation Reactions in Mammalian Cells: Where Are We Today and Where Are We Going?. Microbiology and Molecular Biology Reviews, 2006, 70, 789-829.	2.9	593
137	PARP-1 as Novel Coactivator of NF-Î°B in Inflammatory Disorders. , 2006, , 75-90.		2
138	Gene Expression in Synovial Membrane Cells After Intraarticular Delivery of Plasmid-Linked Superparamagnetic Iron Oxide Particlesâ€"A Preliminary Study in Sheep. Journal of Nanoscience and Nanotechnology, 2006, 6, 2841-2852.	0.9	18
139	Systemic Distribution and Elimination of Plain and with Cy3.5 Functionalized Poly(vinyl alcohol) Coated Superparamagnetic Maghemite Nanoparticles After Intraarticular Injection in Sheep In Vivo. Journal of Nanoscience and Nanotechnology, 2006, 6, 3261-3268.	0.9	20
140	Uptake and Biocompatibility of Functionalized Poly(vinylalcohol) Coated Superparamagnetic Maghemite Nanoparticles by Synoviocytes In Vitro. Journal of Nanoscience and Nanotechnology, 2006, 6, 2829-2840.	0.9	29
141	An epigenetic code for DNA damage repair pathways?. Biochemistry and Cell Biology, 2005, 83, 270-285.	0.9	46
142	Arginine methyltransferase CARM1 is a promoter-specific regulator of NF-Î°B-dependent gene expression. EMBO Journal, 2005, 24, 85-96.	3.5	195
143	Acetylation of Poly(ADP-ribose) Polymerase-1 by p300/CREB-binding Protein Regulates Coactivation of NF-Î°B-dependent Transcription. Journal of Biological Chemistry, 2005, 280, 40450-40464.	1.6	279
144	Identification of Novel and Cell Type Enriched Cofactors of the Transcription Activation Domain of RelA (p65 NF-Î°B). Journal of Proteome Research, 2005, 4, 1381-1390.	1.8	9

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145	The Two DNA Clamps Rad9/Rad1/Hus1 Complex and Proliferating Cell Nuclear Antigen Differentially Regulate Flap Endonuclease 1 Activity. Journal of Molecular Biology, 2005, 353, 980-989.	2.0	71
146	NF-Î°B contributes to transcription of placenta growth factor and interacts with metal responsive transcription factor-1 in hypoxic human cells. Biological Chemistry, 2005, 386, 865-872.	1.2	75
147	The human Rad9/Rad1/Hus1 damage sensor clamp interacts with DNA polymerase Â and increases its DNA substrate utilisation efficiency: implications for DNA repair. Nucleic Acids Research, 2004, 32, 3316-3324.	6.5	108
148	Noncleavable poly(ADP-ribose) polymerase-1 regulates the inflammation response in mice. Journal of Clinical Investigation, 2004, 114, 1072-1081.	3.9	90
149	Noncleavable poly(ADP-ribose) polymerase-1 regulates the inflammation response in mice. Journal of Clinical Investigation, 2004, 114, 1072-1081.	3.9	51
150	PARP-1 binds E2F-1 independently of its DNA binding and catalytic domains, and acts as a novel coactivator of E2F-1-mediated transcription during re-entry of quiescent cells into Sâ€‰phase. Oncogene, 2003, 22, 8460-8471.	2.6	98
151	Localized insulin-like growth factor I delivery to enhance new bone formation. Bone, 2003, 33, 660-672.	1.4	141
152	Transcriptional Coactivation of Nuclear Factor-Î°B-dependent Gene Expression by p300 Is Regulated by Poly(ADP)-ribose Polymerase-1. Journal of Biological Chemistry, 2003, 278, 45145-45153.	1.6	208
153	Epstein-Barr Virus Nuclear Antigen 3C and Prothymosin Alpha Interact with the p300 Transcriptional Coactivator at the CH1 and CH3/HAT Domains and Cooperate in Regulation of Transcription and Histone Acetylation. Journal of Virology, 2002, 76, 4699-4708.	1.5	83
154	GENETIC APPROACHES TO THE IDENTIFICATION OF INTERACTIONS BETWEEN MEMBRANE PROTEINS IN YEAST. Journal of Receptor and Signal Transduction Research, 2002, 22, 471-481.	1.3	15
155	Acetylation Regulates the DNA End-Trimming Activity of DNA Polymerase Î². Molecular Cell, 2002, 10, 1213-1222.	4.5	110
156	The post-genomic era of interactive proteomics: Facts and perspectives. Proteomics, 2002, 2, 611-623.	1.3	133
157	Histone acetyl transferases: a role in DNA repair and DNA replication. Journal of Molecular Medicine, 2002, 80, 463-474.	1.7	71
158	The functional role of poly(ADP-ribose)polymerase 1 as novel coactivator of NF-Î°B in inflammatory disorders. Cellular and Molecular Life Sciences, 2002, 59, 1534-1553.	2.4	388
159	Regulation of Human Flap Endonuclease-1 Activity by Acetylation through the Transcriptional Coactivator p300. Molecular Cell, 2001, 7, 1221-1231.	4.5	155
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