

Sascha Beneke

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,281
citations

279798

23
h-index

361022

35
g-index

40
all docs

40
docs citations

40
times ranked

1974
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly(ADP-ribose)ylation in mammalian ageing. <i>Nucleic Acids Research</i> , 2007, 35, 7456-7465.	14.5	94
2	Regulation of chromatin structure by poly(ADP-ribose)ylation. <i>Frontiers in Genetics</i> , 2012, 3, 169.	2.3	80
3	Rapid regulation of telomere length is mediated by poly(ADP-ribose) polymerase-1. <i>Nucleic Acids Research</i> , 2008, 36, 6309-6317.	14.5	79
4	Poly(ADP-ribose)ylation inhibitors: Promising drug candidates for a wide variety of pathophysiologic conditions. <i>International Journal of Cancer</i> , 2004, 111, 813-818.	5.1	78
5	Negative regulation of alkylation-induced sister-chromatid exchange by poly(ADP-ribose) polymerase-1 activity. <i>International Journal of Cancer</i> , 2000, 88, 351-355.	5.1	62
6	The emerging role of poly(ADP-ribose) polymerase-1 in longevity. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 1043-1053.	2.8	59
7	Poly(ADP-ribose)-mediated interplay of XPA and PARP 1 leads to reciprocal regulation of protein function. <i>FEBS Journal</i> , 2014, 281, 3625-3641.	4.7	59
8	Canagliflozin mediated dual inhibition of mitochondrial glutamate dehydrogenase and complex I: an off-target adverse effect. <i>Cell Death and Disease</i> , 2018, 9, 226.	6.3	58
9	Ageing and PARP. <i>Pharmacological Research</i> , 2005, 52, 93-99.	7.1	52
10	High-Affinity Interaction of Poly(ADP-ribose) and the Human DEK Oncoprotein Depends upon Chain Length. <i>Biochemistry</i> , 2010, 49, 7119-7130.	2.5	49
11	Spermatid Head Elongation with Normal Nuclear Shaping Requires ADP-Ribosyltransferase PARP11 (ARTD11) in Mice. <i>Biology of Reproduction</i> , 2015, 92, 80.	2.7	46
12	Toxicological properties of the thiolated inorganic arsenic and arsenosugar metabolite thio-dimethylarsinic acid in human bladder cells. <i>Journal of Trace Elements in Medicine and Biology</i> , 2014, 28, 138-146.	3.0	45
13	Use of the <i>Escherichia coli</i> uidA gene as a reporter in <i>Methanococcus voltae</i> for the analysis of the regulatory function of the intergenic region between the operons encoding selenium-free hydrogenases. <i>Molecular Genetics and Genomics</i> , 1995, 248, 225-228.	2.4	44
14	Poly(ADP-ribose) polymerase activity in different pathologies – The link to inflammation and infarction. <i>Experimental Gerontology</i> , 2008, 43, 605-614.	2.8	38
15	Poly(ADP-ribose)ylation and aging. <i>Experimental Gerontology</i> , 2004, 39, 1599-1601.	2.8	35
16	Molecular mechanisms of Mn induced neurotoxicity: ROS generation, genotoxicity, and DNA damage response. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1255-1269.	3.3	34
17	Ageing of different avian cultured cells: Lack of ROS-induced damage and quality control mechanisms. <i>Mechanisms of Ageing and Development</i> , 2010, 131, 48-59.	4.6	33
18	Real-Time Cellular Imaging of Protein Poly(ADP-ribose)ylation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11256-11260.	13.8	32

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19	Enzyme characteristics of recombinant poly(ADP-ribose) polymerases-1 of rat and human origin mirror the correlation between cellular poly(ADP-ribosyl)ation capacity and species-specific life span. <i>Mechanisms of Ageing and Development</i> , 2010, 131, 366-369.	4.6	30
20	Chromatin Composition Is Changed by Poly(ADP-ribosyl)ation during Chromatin Immunoprecipitation. <i>PLoS ONE</i> , 2012, 7, e32914.	2.5	27
21	Ex vivo supplementation with nicotinic acid enhances cellular poly(ADP-ribosyl)ation and improves cell viability in human peripheral blood mononuclear cells. <i>Biochemical Pharmacology</i> , 2010, 80, 1103-1112.	4.4	26
22	The NAD ⁺ precursor nicotinic acid improves genomic integrity in human peripheral blood mononuclear cells after X-irradiation. <i>DNA Repair</i> , 2017, 52, 12-23.	2.8	26
23	Evaluation of immunohistochemical markers to detect the genotoxic mode of action of fine and ultrafine dusts in rat lungs. <i>Toxicology</i> , 2013, 303, 177-186.	4.2	25
24	l-Selegiline Potentiates the Cellular Poly(ADP-Ribosyl)ation Response to Ionizing Radiation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 306, 973-979.	2.5	23
25	Analyzing structure–function relationships of artificial and cancer-associated PARP1 variants by reconstituting TALEN-generated HeLa <i>PARP1</i> knock-out cells. <i>Nucleic Acids Research</i> , 2016, 44, gkw859.	14.5	23
26	Comparison of Aristolochic acid I derived DNA adduct levels in human renal toxicity models. <i>Toxicology</i> , 2019, 420, 29-38.	4.2	21
27	Poly(ADP-Ribosyl)ation, PARP, and Aging. <i>Science of Aging Knowledge Environment: SAGE KE</i> , 2004, 2004, re9-re9.	0.8	19
28	Glucocorticoids regulate expression of the fatty acid synthase gene in fetal rat type II cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2001, 1534, 56-63.	2.4	15
29	Poly(ADP-ribose) polymerase-1, DNA repair and mammalian longevity. <i>Experimental Gerontology</i> , 2002, 37, 1203-1205.	2.8	15
30	A caveat in mouse genetic engineering: ectopic gene targeting in ES cells by bidirectional extension of the homology arms of a gene replacement vector carrying human PARP-1. <i>Transgenic Research</i> , 2009, 18, 261-279.	2.4	12
31	Cytosolic Ca ²⁺ shifts as early markers of cytotoxicity. <i>Cell Communication and Signaling</i> , 2013, 11, 11.	6.5	11
32	Differential cytotoxicity induced by the Titanium(IV)Salan complex Tc52 in G2-phase independent of DNA damage. <i>BMC Cancer</i> , 2016, 16, 469.	2.6	11
33	Isolation of cDNA encoding full-length rat (<i>Rattus norvegicus</i>) poly(ADP-ribose) polymerase. <i>IUBMB Life</i> , 1997, 43, 755-761.	3.4	4
34	Effect of poly(ADP-ribose)polymerase and DNA topoisomerase I inhibitors on the p53/p63-dependent survival of carcinoma cells. <i>Biochemical Pharmacology</i> , 2015, 94, 212-219.	4.4	4
35	Zelluläre Mikroskopie der Poly(ADP-Ribosyl)ierung von Proteinen in Echtzeit. <i>Angewandte Chemie</i> , 2016, 128, 11423-11428.	2.0	4
36	Mitochondria are devoid of poly(ADP-ribose)polymerase-1, but harbor its product oligo(ADP-ribose). <i>Journal of Cellular Biochemistry</i> , 2021, 122, 507-523.	2.6	4

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37	Physiological oxygen and co-culture with human fibroblasts facilitate in vivo-like properties in human renal proximal tubular epithelial cells. <i>Chemico-Biological Interactions</i> , 2022, , 109959.	4.0	3
38	Improving Chromatin Immunoprecipitation (ChIP) by Suppression of Method-Induced DNA-Damage Signaling. <i>Methods in Molecular Biology</i> , 2015, 1228, 67-81.	0.9	1
39	Poly(ADP-Ribosyl)ation and Aging. , 2006, , 234-241.		0
40	Detection of Aristolochic acid I DNA adducts via UPLC-MS/MS in RPTEC/TERT1 cells. <i>Toxicology Letters</i> , 2017, 280, S197.	0.8	0