

Girish M Shah

List of Publications by Year in descending order

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61
papers

3,447
citations

186265

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h-index

138484

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all docs

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docs citations

61
times ranked

4029
citing authors

#	ARTICLE	IF	CITATIONS
1	Cleavage of poly(ADP-ribose) polymerase: a sensitive parameter to study cell death. <i>Biochemistry and Cell Biology</i> , 1997, 75, 337-349.	2.0	403
2	New Paradigm for Lymphocyte Granule-mediated Cytotoxicity. <i>Journal of Biological Chemistry</i> , 1996, 271, 29073-29079.	3.4	320
3	SAPK2/p38-dependent F-Actin Reorganization Regulates Early Membrane Blebbing during Stress-induced Apoptosis. <i>Journal of Cell Biology</i> , 1998, 143, 1361-1373.	5.2	275
4	PARP1 Links CHD2-Mediated Chromatin Expansion and H3.3 Deposition to DNA Repair by Non-homologous End-Joining. <i>Molecular Cell</i> , 2016, 61, 547-562.	9.7	214
5	Cellular Responses to DNA Damage in the Absence of Poly(ADP-ribose) Polymerase. <i>Biochemical and Biophysical Research Communications</i> , 1998, 245, 1-10.	2.1	183
6	Methods for Biochemical Study of Poly(ADP-Ribose) Metabolism in Vitro and in Vivo. <i>Analytical Biochemistry</i> , 1995, 227, 1-13.	2.4	171
7	Different Cleavage Pattern for Poly(ADP-Ribose) Polymerase during Necrosis and Apoptosis in HL-60 Cells. <i>Biochemical and Biophysical Research Communications</i> , 1996, 229, 838-844.	2.1	151
8	Role of poly(ADP-ribose) polymerase-1 in the removal of UV-induced DNA lesions by nucleotide excision repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1658-1663.	7.1	148
9	Mode of action of poly(ADP-ribose) glycohydrolase. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1994, 1219, 342-350.	2.4	115
10	Granzyme B/Perforin-Mediated Apoptosis of Jurkat Cells Results in Cleavage of Poly(ADP-ribose) Polymerase to the 89-kDa Apoptotic Fragment and Less Abundant 64-kDa Fragment. <i>Biochemical and Biophysical Research Communications</i> , 1996, 227, 658-665.	2.1	101
11	Poly(ADP-ribose) Polymerase 1 Is Inhibited by a Histone H2A Variant, MacroH2A, and Contributes to Silencing of the Inactive X Chromosome. <i>Journal of Biological Chemistry</i> , 2007, 282, 12851-12859.	3.4	100
12	Biochemical Assessment of Niacin Deficiency Among Carcinoid Cancer Patients. <i>American Journal of Gastroenterology</i> , 2005, 100, 2307-2314.	0.4	88
13	Resistance to PARP-Inhibitors in Cancer Therapy. <i>Frontiers in Pharmacology</i> , 2013, 4, 18.	3.5	84
14	Oxidant Carcinogenesis and Antioxidant Defense. <i>Annals of the New York Academy of Sciences</i> , 1992, 663, 158-166.	3.8	71
15	Mechanism of early biphasic activation of poly(ADP-ribose) polymerase-1 in response to ultraviolet B radiation. <i>Journal of Cell Science</i> , 2005, 118, 589-599.	2.0	63
16	Purification of Poly(ADP-Ribose) Glycohydrolase and Detection of Its Isoforms by a Zymogram Following One- or Two-Dimensional Electrophoresis. <i>Analytical Biochemistry</i> , 1994, 218, 265-272.	2.4	49
17	Detection of Poly(ADP-Ribose) Polymerase and Its Apoptosis-Specific Fragment by a Nonisotopic Activityâ€“Western Blot Technique. <i>Analytical Biochemistry</i> , 1995, 232, 251-254.	2.4	47
18	Role of poly(ADP-ribose) polymerase in rapid intracellular acidification induced by alkylating DNA damage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 245-250.	7.1	45

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19	Potential of ¹⁷⁷ Lu-octreotate peptide receptor radionuclide therapy of human neuroendocrine tumor cells by PARP inhibitor. <i>Oncotarget</i> , 2018, 9, 24693-24706.	1.8	44
20	Survival and Proliferation of Cells Expressing Caspase-uncleavable Poly(ADP-ribose) Polymerase in Response to Death-inducing DNA Damage by an Alkylating Agent. <i>Journal of Biological Chemistry</i> , 1999, 274, 37097-37104.	3.4	43
21	Stable depletion of poly (ADP-ribose) polymerase-1 reduces in vivo melanoma growth and increases chemosensitivity. <i>European Journal of Cancer</i> , 2008, 44, 1302-1314.	2.8	40
22	Niacin Deficiency Decreases Bone Marrow Poly(ADP-Ribose) and the Latency of Ethylnitrosourea-Induced Carcinogenesis in Rats. <i>Journal of Nutrition</i> , 2002, 132, 108-114.	2.9	39
23	Abrogation of DNA vector-based RNAi during apoptosis in mammalian cells due to caspase-mediated cleavage and inactivation of Dicer-1. <i>Cell Death and Differentiation</i> , 2009, 16, 858-868.	11.2	39
24	Poly(ADP-ribose) polymerase 1 escorts XPC to UV-induced DNA lesions during nucleotide excision repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6847-E6856.	7.1	39
25	Biochemical properties and function of poly(ADP-ribose) glycohydrolase. <i>Biochimie</i> , 1995, 77, 433-438.	2.6	32
26	Complete inhibition of poly(ADP-ribose) polymerase activity prevents the recovery of C3H10T1/2 cells from oxidative stress. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1996, 1312, 1-7.	4.1	32
27	Pharmacological Intakes of Niacin Increase Bone Marrow Poly(ADP-Ribose) and the Latency of Ethylnitrosourea-Induced Carcinogenesis in Rats. <i>Journal of Nutrition</i> , 2002, 132, 115-120.	2.9	31
28	Depletion of poly(ADP-ribose) polymerase-1 reduces host cell reactivation of a UV-damaged adenovirus-encoded reporter gene in human dermal fibroblasts. <i>DNA Repair</i> , 2008, 7, 617-632.	2.8	29
29	Loss of ZBTB24 impairs nonhomologous end-joining and class-switch recombination in patients with ICF syndrome. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	27
30	Erasable Blot of Poly(ADP-ribose) Polymerase. <i>Analytical Biochemistry</i> , 1994, 218, 470-473.	2.4	25
31	Swertisin an Anti-Diabetic Compound Facilitate Islet Neogenesis from Pancreatic Stem/Progenitor Cells via p-38 MAP Kinase-SMAD Pathway: An In-Vitro and In-Vivo Study. <i>PLoS ONE</i> , 2015, 10, e0128244.	2.5	25
32	Modulation by plant flavonoids and related phenolics of microsome catalyzed adduct formation between benzo[a]Pyrene and DNA. <i>Chemico-Biological Interactions</i> , 1986, 59, 1-15.	4.0	22
33	Deubiquitinating enzymes and the proteasome regulate preferential sets of ubiquitin substrates. <i>Nature Communications</i> , 2022, 13, 2736.	12.8	22
34	Niacin Deficiency in Rats Increases the Severity of Ethylnitrosourea-Induced Anemia and Leukopenia. <i>Journal of Nutrition</i> , 2000, 130, 1102-1107.	2.9	21
35	DNA vector-based RNAi approach for stable depletion of poly(ADP-ribose) polymerase-1. <i>Biochemical and Biophysical Research Communications</i> , 2005, 331, 167-174.	2.1	21
36	Combination treatments to enhance peptide receptor radionuclide therapy of neuroendocrine tumours. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 907-921.	6.4	21

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37	The effect of some new platinum (II) and palladium (II) coordination complexes on rat hepatic nuclear transcription in vitro. <i>Life Sciences</i> , 1992, 50, 781-790.	4.3	20
38	Characterization of the interactions of PARP-1 with UV-damaged DNA in vivo and in vitro. <i>Scientific Reports</i> , 2016, 6, 19020.	3.3	20
39	In vivo effect of L-ascorbic acid on benzo(<i>f</i> ₁)pyrene metabolite-DNA adduct formation in rat liver. <i>Journal of Biosciences</i> , 1982, 4, 263-268.	1.1	19
40	PARP Inhibitors in Cancer Therapy: Magic Bullets but Moving Targets. <i>Frontiers in Oncology</i> , 2013, 3, 279.	2.8	19
41	Specific Cleavage of the Large Subunit of Replication Factor C in Apoptosis Is Mediated by CPP32-like Protease. <i>Biochemical and Biophysical Research Communications</i> , 1997, 233, 343-348.	2.1	18
42	Defective Control of Mitotic and Post-mitotic Checkpoints in Poly(ADP-ribose) Polymerase-1/- Fibroblasts After Mitotic Spindle Disruption. <i>Cell Cycle</i> , 2004, 3, 333-340.	2.6	18
43	Pharmacological Inhibition of Poly(ADP-ribose) Polymerase (PARP) Activity in PARP-1 Silenced Tumour Cells Increases Chemosensitivity to Temozolomide and to a N3-Adenine Selective Methylating Agent. <i>Current Cancer Drug Targets</i> , 2010, 10, 368-383.	1.6	18
44	Approaches to Detect PARP-1 Activation In Vivo, In Situ, and In Vitro. <i>Methods in Molecular Biology</i> , 2011, 780, 3-34.	0.9	15
45	Chemotherapy-Induced Upregulation of Somatostatin Receptor-2 Increases the Uptake and Efficacy of ¹⁷⁷ Lu-DOTA-Octreotate in Neuroendocrine Tumor Cells. <i>Cancers</i> , 2021, 13, 232.	3.7	15
46	Action of some retinol derivatives and their provitamins on microsome-catalyzed formation of benzo[<i>a</i>]pyrene-DNA adduct. <i>Journal of Biochemical Toxicology</i> , 1992, 7, 177-181.	0.4	12
47	Regulation of poly(ADP-ribose) polymerase-1 functions by leukocyte elastase inhibitor/LEI-derived DNase II during caspase-independent apoptosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 1046-1054.	2.8	12
48	Common fragile sites in colon cancer cell lines: Role of mismatch repair, RAD51 and poly(ADP-ribose) polymerase-1. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 712, 40-48.	1.0	11
49	Defective control of mitotic and post-mitotic checkpoints in poly(ADP-ribose) polymerase-1(-/-) fibroblasts after mitotic spindle disruption. <i>Cell Cycle</i> , 2004, 3, 335-42.	2.6	10
50	Rapid Removal of Nonspecific Background in Silver-Stained Polyacrylamide Gel. <i>Analytical Biochemistry</i> , 1995, 232, 138-140.	2.4	8
51	Poly(ADP-ribosyl)ation temporally confines SUMO-dependent ataxin-3 recruitment to control DNA double-strand break repair. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	8
52	Comprehensive measurement of UVB-induced non-melanoma skin cancer burden in mice using photographic images as a substitute for the caliper method. <i>PLoS ONE</i> , 2017, 12, e0171875.	2.5	8
53	Enhanced Dark-Field Hyperspectral Imaging and Spectral Angle Mapping for Nanomaterial Detection in Consumer Care Products and in Skin Following Dermal Exposure. <i>Chemical Research in Toxicology</i> , 2020, 33, 1266-1278.	3.3	7
54	A panel of criteria for comprehensive assessment of severity of ultraviolet B radiation-induced non-melanoma skin cancers in SKH-1 mice. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 205, 111847.	3.8	7

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55	Inhibition of homologous recombination by treatment with BVDU (brivudin) or by RAD51 silencing increases chromosomal damage induced by bleomycin in mismatch repair-deficient tumour cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009, 664, 39-47.	1.0	6
56	Methods to Study Intracellular Movement and Localization of the Nucleotide Excision Repair Proteins at the DNA Lesions in Mammalian Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 590242.	3.7	5
57	Poly (ADP-ribose) polymerase (PARP) inhibition in cancer: Potential impact in cancer stem cells and therapeutic implications. <i>European Journal of Pharmacology</i> , 2021, 911, 174546.	3.5	5
58	Modulation of transcription in rat liver by benzo[a]pyrene. <i>Cancer Letters</i> , 1987, 35, 191-198.	7.2	2
59	Persistence of Different Forms of Transient RNAi during Apoptosis in Mammalian Cells. <i>PLoS ONE</i> , 2010, 5, e12263.	2.5	2
60	Modulation of transcription in rat liver nuclei in vitro by a diol epoxide of benzo[a]pyrene. <i>Journal of Biochemical Toxicology</i> , 1992, 7, 13-17.	0.4	1
61	Suppression of oxidative-stress induced melanocyte death: Role of poly(ADP-ribose) polymerase in vitiligo pathogenesis. <i>Indian Journal of Dermatology, Venereology and Leprology</i> , 2022, 88, 413-415.	0.6	1