Valrie Schreiber

List of Publications by Year in Descending Order

77 papers	10,008 citations	44 h-index	82 g-index
82 ext. papers	10,839 ext. citations	8.6 avg, IF	5.7 L-index

#	Paper	IF	Citations
77	Extensive NEUROG3 occupancy in the human pancreatic endocrine gene regulatory network. *Molecular Metabolism*, **2021**, 53, 101313	8.8	1
76	Rfx6 promotes the differentiation of peptide-secreting enteroendocrine cells while repressing genetic programs controlling serotonin production. *Molecular Metabolism*, **2019**, 29, 24-39	8.8	19
75	PARP3, a new therapeutic target to alter Rictor/mTORC2 signaling and tumor progression in BRCA1-associated cancers. *Cell Death and Differentiation*, **2019**, 26, 1615-1630	12.7	14
74	Robust immunoglobulin class switch recombination and end joining in Parp9-deficient mice. *European Journal of Immunology*, **2017**, 47, 665-676	6.1	4
73	PARP-1/PARP-2 double deficiency in mouse T cells results in faulty immune responses and T lymphomas. *Scientific Reports*, **2017**, 7, 41962	4.9	25
72	Purification of Recombinant Human PARG and Activity Assays. *Methods in Molecular Biology*, **2017**, 1608, 395-413	1.4	2
71	Expanding functions of ADP-ribosylation in the maintenance of genome integrity. *Seminars in Cell and Developmental Biology*, **2017**, 63, 92-101	7.5	53
70	Purification of Recombinant Human PARP-3. *Methods in Molecular Biology*, **2017**, 1608, 373-394	1.4	0
69	PARG deficiency is neither synthetic lethal with BRCA1 nor PTEN deficiency. *Cancer Cell International*, **2016**, 16, 53	6.4	16
68	Poly(ADP-ribosyl)ation of Methyl CpG Binding Domain Protein 2 Regulates Chromatin Structure. *Journal of Biological Chemistry*, **2016**, 291, 4873-81	5.4	23
67	PARP3 controls TGF and ROS driven epithelial-to-mesenchymal transition and stemness by stimulating a TG2-Snail-E-cadherin axis. *Oncotarget*, **2016**, 7, 64109-64123	3.3	51
66	Autophagy requires poly(adp-ribosyl)ation-dependent AMPK nuclear export. *Cell Death and Differentiation*, **2016**, 23, 2007-2018	12.7	30
65	PARP-2 sustains erythropoiesis in mice by limiting replicative stress in erythroid progenitors. *Cell Death and Differentiation*, **2015**, 22, 1144-57	12.7	47
64	Discovery of the PARP Superfamily and Focus on the Lesser Exhibited But Not Lesser Talented Members. *Cancer Drug Discovery and Development*, **2015**, 15-46	0.3	3
63	PARP1-TDP1 coupling for the repair of topoisomerase I-induced DNA damage. *Nucleic Acids Research*, **2014**, 42, 4435-49	20.1	139
62	Poly(ADP-ribose) polymerases in double-strand break repair: focus on PARP1, PARP2 and PARP3. *Experimental Cell Research*, **2014**, 329, 18-25	4.2	197
61	Poly(ADP-ribose) polymerase 1 (PARP1) associates with E3 ubiquitin-protein ligase UHRF1 and modulates UHRF1 biological functions. *Journal of Biological Chemistry*, **2014**, 289, 16223-38	5.4	32

60	PARG is dispensable for recovery from transient replicative stress but required to prevent detrimental accumulation of poly(ADP-ribose) upon prolonged replicative stress. *Nucleic Acids Research*, **2014**, 42, 7776-92	20.1	48
59	PARP3 affects the relative contribution of homologous recombination and nonhomologous end-joining pathways. *Nucleic Acids Research*, **2014**, 42, 5616-32	20.1	71
58	Parp-2 is required to maintain hematopoiesis following sublethal γ-irradiation in mice. *Blood*, **2013**, 122, 44-54	2.2	57
57	Functional aspects of PARylation in induced and programmed DNA repair processes: preserving genome integrity and modulating physiological events. *Molecular Aspects of Medicine*, **2013**, 34, 1138-52	16.7	25
56	Interaction of PARP-2 with DNA structures mimicking DNA repair intermediates and consequences on activity of base excision repair proteins. *Biochimie*, **2013**, 95, 1208-15	4.6	41
55	The diverse roles and clinical relevance of PARPs in DNA damage repair: current state of the art. *Biochemical Pharmacology*, **2012**, 84, 137-46	6	364
54	New readers and interpretations of poly(ADP-ribosyl)ation. *Trends in Biochemical Sciences*, **2012**, 37, 381-90	10.3	62
53	Poly (ADP-ribose) glycohydrolase regulates retinoic acid receptor-mediated gene expression. *Molecular Cell*, **2012**, 48, 785-98	17.6	42
52	PARP-1 inhibition increases mitochondrial metabolism through SIRT1 activation. *Cell Metabolism*, **2011**, 13, 461-468	24.6	555
51	PARP-2 regulates SIRT1 expression and whole-body energy expenditure. *Cell Metabolism*, **2011**, 13, 450-460	14.6	192
50	Poly(ADP-ribose) polymerase 3 (PARP3), a newcomer in cellular response to DNA damage and mitotic progression. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 2783-8	11.5	198
49	PARG is recruited to DNA damage sites through poly(ADP-ribose)- and PCNA-dependent mechanisms. *Nucleic Acids Research*, **2011**, 39, 5045-56	20.1	92
48	Phenotypic characterization of Parp-1 and Parp-2 deficient mice and cells. *Methods in Molecular Biology*, **2011**, 780, 313-36	1.4	17
47	Purification of recombinant poly(ADP-ribose) polymerases. *Methods in Molecular Biology*, **2011**, 780, 135-52	1.4	12
46	Genetic ablation of PARP-1 protects against oxazolone-induced contact hypersensitivity by modulating oxidative stress. *Journal of Investigative Dermatology*, **2010**, 130, 2629-37	4.3	19
45	Radiation-induced mitotic catastrophe in PARG-deficient cells. *Journal of Cell Science*, **2009**, 122, 1990-2002	5.3	100
44	Activation of the abundant nuclear factor poly(ADP-ribose) polymerase-1 by Helicobacter pylori. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 19998-20003	11.5	25
43	XRCC1 interacts with the p58 subunit of DNA Pol alpha-primase and may coordinate DNA repair and replication during S phase. *Nucleic Acids Research*, **2009**, 37, 3177-88	20.1	24

42	Parp2 is required for the differentiation of post-meiotic germ cells: identification of a spermatid-specific complex containing Parp1, Parp2, TP2 and HSPA2. *Experimental Cell Research*, **2009**, 315, 2824-34	4.2	18
41	Functional interplay between Parp-1 and SirT1 in genome integrity and chromatin-based processes. *Cellular and Molecular Life Sciences*, **2009**, 66, 3219-34	10.3	49
40	PARP-1 transcriptional activity is regulated by sumoylation upon heat shock. *EMBO Journal*, **2009**, 28, 3534-48	13	92
39	The role of poly(ADP-ribosyl)ation in epigenetic events. *International Journal of Biochemistry and Cell Biology*, **2009**, 41, 60-5	5.6	84
38	A nuclear poly(ADP-ribose)-dependent signalosome confers DNA damage-induced IkappaB kinase activation. *Molecular Cell*, **2009**, 36, 365-78	17.6	189
37	Detection of the nuclear poly(ADP-ribose)-metabolizing enzymes and activities in response to DNA damage. *Methods in Molecular Biology*, **2009**, 464, 267-83	1.4	12
36	The expanding field of poly(ADP-ribosyl)ation reactions. 'Protein Modifications: Beyond the Usual Suspects' Review Series. *EMBO Reports*, **2008**, 9, 1094-100	6.5	124
35	The expanding field of poly(ADP-ribosyl)ation reactions. Protein Modifications: Beyond the Usual Suspects Review Series. *EMBO Reports*, **2008**, 9, 1252-1252	6.5	1
34	Regulation of NFAT by poly(ADP-ribose) polymerase activity in T cells. *Molecular Immunology*, **2008**, 45, 1863-71	4.3	57
33	Toward specific functions of poly(ADP-ribose) polymerase-2. *Trends in Molecular Medicine*, **2008**, 14, 169-178	11.5	127
32	The macroPARP genes Parp-9 and Parp-14 are developmentally and differentially regulated in mouse tissues. *Developmental Dynamics*, **2008**, 237, 209-15	2.9	23
31	Poly(ADP-ribose) polymerase-2 [corrected] controls adipocyte differentiation and adipose tissue function through the regulation of the activity of the retinoid X receptor/peroxisome proliferator-activated receptor-gamma [corrected] heterodimer. *Journal of Biological Chemistry*, **2007**, 282, 37738-46	5.4	82
30	Feedback-regulated poly(ADP-ribosyl)ation by PARP-1 is required for rapid response to DNA damage in living cells. *Nucleic Acids Research*, **2007**, 35, 7665-75	20.1	228
29	Nucleolar localization of aprataxin is dependent on interaction with nucleolin and on active ribosomal DNA transcription. *Human Molecular Genetics*, **2006**, 15, 2239-49	5.6	33
28	PARP-2: Structure-Function Relationship **2006**, 13-31		5
27	PARP1 Is a TRF2-associated poly(ADP-ribose)polymerase and protects eroded telomeres. *Molecular Biology of the Cell*, **2006**, 17, 1686-96	3.5	94
26	PARP-2 interacts with TTF-1 and regulates expression of surfactant protein-B. *Journal of Biological Chemistry*, **2006**, 281, 9600-6	5.4	42
25	Poly(ADP-ribose) polymerase-1 activation during DNA damage and repair. *Methods in Enzymology*, **2006**, 409, 493-510	1.7	123

24	Poly(ADP-ribose): novel functions for an old molecule. *Nature Reviews Molecular Cell Biology*, **2006**, 7, 517-28	48.7	1523
23	Parp-1 protects homologous recombination from interference by Ku and Ligase IV in vertebrate cells. *EMBO Journal*, **2006**, 25, 1305-14	13	201
22	PARP-2 deficiency affects the survival of CD4+CD8+ double-positive thymocytes. *EMBO Journal*, **2006**, 25, 4350-60	13	87
21	PARP-1 and PARP-2 interact with nucleophosmin/B23 and accumulate in transcriptionally active nucleoli. *Journal of Cell Science*, **2005**, 118, 211-22	5.3	142
20	Functional interaction between poly(ADP-Ribose) polymerase 2 (PARP-2) and TRF2: PARP activity negatively regulates TRF2. *Molecular and Cellular Biology*, **2004**, 24, 1595-607	4.8	154
19	Poly(ADP-ribose) polymerase 1 regulates both the exonuclease and helicase activities of the Werner syndrome protein. *Nucleic Acids Research*, **2004**, 32, 4003-14	20.1	74
18	Functional interaction between PARP-1 and PARP-2 in chromosome stability and embryonic development in mouse. *EMBO Journal*, **2003**, 22, 2255-63	13	457
17	Poly(ADP-ribose) polymerase-1 (PARP-1) is required in murine cell lines for base excision repair of oxidative DNA damage in the absence of DNA polymerase beta. *Journal of Biological Chemistry*, **2003**, 278, 18471-7	5.4	64
16	Functional interaction between human papillomavirus type 18 E2 and poly(ADP-ribose) polymerase 1. *Oncogene*, **2002**, 21, 5877-85	9.2	21
15	Poly(ADP-ribose) polymerase-2 (PARP-2) is required for efficient base excision DNA repair in association with PARP-1 and XRCC1. *Journal of Biological Chemistry*, **2002**, 277, 23028-36	5.4	530
14	A bidirectional promoter connects the poly(ADP-ribose) polymerase 2 (PARP-2) gene to the gene for RNase P RNA. structure and expression of the mouse PARP-2 gene. *Journal of Biological Chemistry*, **2001**, 276, 11092-9	5.4	39
13	Base excision repair is impaired in mammalian cells lacking Poly(ADP-ribose) polymerase-1. *Biochemistry*, **2000**, 39, 7559-69	3.2	393
12	PARP-2, A novel mammalian DNA damage-dependent poly(ADP-ribose) polymerase. *Journal of Biological Chemistry*, **1999**, 274, 17860-8	5.4	540
11	Involvement of poly(ADP-ribose) polymerase in base excision repair. *Biochimie*, **1999**, 81, 69-75	4.6	284
10	Chromosomal assignment and expression pattern of the murine Lasp-1 gene. *Gene*, **1998**, 207, 171-5	3.8	29
9	XRCC1 is specifically associated with poly(ADP-ribose) polymerase and negatively regulates its activity following DNA damage. *Molecular and Cellular Biology*, **1998**, 18, 3563-71	4.8	764
8	Lasp-1, a Novel Type of Actin-Binding Protein Accumulating in Cell Membrane Extensions. *Molecular Medicine*, **1998**, 4, 675-687	6.2	80
7	Poly(ADP-ribose) polymerase: structure-function relationship. *Biochimie*, **1995**, 77, 456-61	4.6	18

6	Lasp-1 (MLN 50) defines a new LIM protein subfamily characterized by the association of LIM and SH3 domains. *FEBS Letters*, **1995**, 373, 245-9	3.8	115
5	A dominant-negative mutant of human poly(ADP-ribose) polymerase affects cell recovery, apoptosis, and sister chromatid exchange following DNA damage. *Proceedings of the National Academy of Sciences of the United States of America*, **1995**, 92, 4753-7	11.5	187
4	Kin17, a mouse nuclear zinc finger protein that binds preferentially to curved DNA. *Nucleic Acids Research*, **1994**, 22, 4335-41	20.1	39
3	Structure and function of poly(ADP-ribose) polymerase. *Molecular and Cellular Biochemistry*, **1994**, 138, 15-24	4.2	183
2	A eukaryotic expression vector for the study of nuclear localization signals. *Gene*, **1994**, 150, 411-2	3.8	8
1	Poly(ADP-ribose) polymerase: molecular biological aspects. *BioEssays*, **1991**, 13, 455-62	4.1	86