Xueqing Ba

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	8-Oxoguanine DNA glycosylase 1: Beyond repair of the oxidatively modified base lesions. Redox Biology, 2018, 14, 669-678.	9.0	179
2	Signaling Mechanism of Poly(ADP-Ribose) Polymerase-1 (PARP-1) in Inflammatory Diseases. American Journal of Pathology, 2011, 178, 946-955.	3.8	169
3	Small-molecule inhibitor of OGG1 suppresses proinflammatory gene expression and inflammation. Science, 2018, 362, 834-839.	12.6	156
4	Oxidized Guanine Base Lesions Function in 8-Oxoguanine DNA Glycosylase-1-mediated Epigenetic Regulation of Nuclear Factor κB-driven Gene Expression. Journal of Biological Chemistry, 2016, 291, 25553-25566.	3.4	151
5	Trypanosoma cruzi Induces the Reactive Oxygen Species-PARP-1-RelA Pathway for Up-regulation of Cytokine Expression in Cardiomyocytes. Journal of Biological Chemistry, 2010, 285, 11596-11606.	3.4	107
6	8-Oxoguanine DNA Glycosylase-1 Augments Proinflammatory Gene Expression by Facilitating the Recruitment of Site-Specific Transcription Factors. Journal of Immunology, 2014, 192, 2384-2394.	0.8	105
7	The Role of 8-Oxoguanine DNA Glycosylase-1 in Inflammation. International Journal of Molecular Sciences, 2014, 15, 16975-16997.	4.1	96
8	Innate Inflammation Induced by the 8-Oxoguanine DNA Glycosylase-1–KRAS–NF-κB Pathway. Journal of Immunology, 2014, 193, 4643-4653.	0.8	85
9	8-Oxoguanine DNA glycosylase-1 links DNA repair to cellular signaling via the activation of the small GTPase Rac1. Free Radical Biology and Medicine, 2013, 61, 384-394.	2.9	76
10	Down-regulation of 8-oxoguanine DNA glycosylase 1 expression in the airway epithelium ameliorates allergic lung inflammation. DNA Repair, 2013, 12, 18-26.	2.8	71
11	Recruited monocytic myeloid-derived suppressor cells promote the arrest of tumor cells in the premetastatic niche through an IL-1β-mediated increase in E-selectin expression. International Journal of Cancer, 2017, 140, 1370-1383.	5.1	71
12	The Role of PARPs in Inflammation—and Metabolic—Related Diseases: Molecular Mechanisms and Beyond. Cells, 2019, 8, 1047.	4.1	71
13	The roles of base excision repair enzyme OGG1 in gene expression. Cellular and Molecular Life Sciences, 2018, 75, 3741-3750.	5.4	67
14	BRG1 promotes DNA double-strand break repair by facilitating the replacement of RPA with RAD51. Journal of Cell Science, 2015, 128, 317-30.	2.0	65
15	Activation of cellular signaling by 8-oxoguanine DNA glycosylase-1-initiated DNA base excision repair. DNA Repair, 2013, 12, 856-863.	2.8	60
16	PARP1 promotes gene expression at the post-transcriptional level by modulating the RNA-binding protein HuR. Nature Communications, 2017, 8, 14632.	12.8	60
17	8-Oxoguanine DNA glycosylase-1-mediated DNA repair is associated with Rho GTPase activation and α-smooth muscle actin polymerization. Free Radical Biology and Medicine, 2014, 73, 430-438.	2.9	58
18	OGG1-initiated base excision repair exacerbates oxidative stress-induced parthanatos. Cell Death and Disease, 2018, 9, 628.	6.3	55

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19	Lipopolysaccharide activates ERK–PARP-1–RelA pathway and promotes nuclear factor–κB transcription in murine macrophages. Human Immunology, 2012, 73, 439-447.	2.4	51
20	OGG1-DNA interactions facilitate NF-κB binding to DNA targets. Scientific Reports, 2017, 7, 43297.	3.3	50
21	Chemokine (Câ€Xâ€C motif) ligand 1 and <scp>CXCL</scp> 2 produced by tumor promote the generation of monocytic myeloidâ€derived suppressor cells. Cancer Science, 2018, 109, 3826-3839.	3.9	50
22	Effects of the stimuli-dependent enrichment of 8-oxoguanine DNA glycosylase1 on chromatinized DNA. Redox Biology, 2018, 18, 43-53.	9.0	47
23	Lipid rafts control human melanoma cell migration by regulating focal adhesion disassembly. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 3195-3205.	4.1	42
24	CXCR2 expression on granulocyte and macrophage progenitors under tumor conditions contributes to mo-MDSC generation via SAP18/ERK/STAT3. Cell Death and Disease, 2019, 10, 598.	6.3	40
25	Signaling function of PSGL-1 in neutrophil: Tyrosine-phosphorylation-dependent and c-Abl-involved alteration in the F-actin-based cytoskeleton. Journal of Cellular Biochemistry, 2005, 94, 365-373.	2.6	37
26	Whole transcriptome analysis reveals an 8-oxoguanine DNA glycosylase-1-driven DNA repair-dependent gene expression linked to essential biological processes. Free Radical Biology and Medicine, 2015, 81, 107-118.	2.9	35
27	The key players of parthanatos: opportunities for targeting multiple levels in the therapy of parthanatos-based pathogenesis. Cellular and Molecular Life Sciences, 2022, 79, 60.	5.4	35
28	Enzymatically inactive OGG1 binds to DNA and steers base excision repair toward gene transcription. FASEB Journal, 2020, 34, 7427-7441.	0.5	33
29	Whole transcriptome analysis reveals a role for OGG1-initiated DNA repair signaling in airway remodeling. Free Radical Biology and Medicine, 2015, 89, 20-33.	2.9	32
30	Novel insights into PARPs in gene expression: regulation of RNA metabolism. Cellular and Molecular Life Sciences, 2019, 76, 3283-3299.	5.4	32
31	Lipid raft regulates the initial spreading of melanoma A375 cells by modulating β1 integrin clustering. International Journal of Biochemistry and Cell Biology, 2013, 45, 1679-1689.	2.8	31
32	c-Abl–Mediated Tyrosine Phosphorylation of PARP1 Is Crucial for Expression of Proinflammatory Genes. Journal of Immunology, 2019, 203, 1521-1531.	0.8	29
33	c-Abl Kinase Is Required for β2 Integrin-Mediated Neutrophil Adhesion. Journal of Immunology, 2009, 182, 3233-3242.	0.8	27
34	c-Abl tyrosine kinase plays a critical role in β2 integrin-dependent neutrophil migration by regulating Vav1 activity. Journal of Leukocyte Biology, 2013, 93, 611-622.	3.3	27
35	8-Oxoguanine DNA glycosylase-1-driven DNA base excision repair. Current Opinion in Allergy and Clinical Immunology, 2015, 15, 89-97.	2.3	26
36	Muscle-Specific Histone H3K36 Dimethyltransferase SET-18 Shortens Lifespan of Caenorhabditis elegans by Repressing daf-16a Expression. Cell Reports, 2018, 22, 2716-2729.	6.4	25

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37	Arginine methylation of SKN-1 promotes oxidative stress resistance in Caenorhabditis elegans. Redox Biology, 2019, 21, 101111.	9.0	21
38	Pathophysiology of bronchoconstriction. Current Opinion in Allergy and Clinical Immunology, 2016, 16, 59-67.	2.3	20
39	câ€Abl is required for the signaling transduction induced by Lâ€selectin ligation. European Journal of Immunology, 2007, 37, 3246-3258.	2.9	19
40	17-beta estradiol inhibits oxidative stress-induced accumulation of AIF into nucleolus and PARP1-dependent cell death via estrogen receptor alpha. Toxicology Letters, 2015, 232, 1-9.	0.8	17
41	Poly(ADP-ribosyl)ation enhances HuR oligomerization and contributes to pro-inflammatory gene mRNA stabilization. Cellular and Molecular Life Sciences, 2021, 78, 1817-1835.	5.4	17
42	c-Abl Is Involved in the F-Actin Assembly Triggered by L-Selectin Crosslinking. Journal of Biochemistry, 2006, 140, 229-235.	1.7	16
43	Pollen-induced oxidative DNA damage response regulates miRNAs controlling allergic inflammation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L1058-L1068.	2.9	15
44	Epigenetic regulation of TIMP1 expression by 8â€oxoguanine DNA glycosylaseâ€1 binding to DNA:RNA hybrid. FASEB Journal, 2019, 33, 14159-14170.	0.5	14
45	L-selectin ligation-induced CSF-1 gene transcription is regulated by AP-1 in a c-Abl kinase-dependent manner. Human Immunology, 2008, 69, 501-509.	2.4	11
46	Lipid raft-associated <i>β</i> -adducin is required for PSGL-1-mediated neutrophil rolling on P-selectin. Journal of Leukocyte Biology, 2015, 97, 297-306.	3.3	11
47	8-Oxoguanine DNA glycosylase1–driven DNA repair—A paradoxical role in lung aging. Mechanisms of Ageing and Development, 2017, 161, 51-65.	4.6	11
48	Innate Immune Responses to RSV Infection Facilitated by OGG1, an Enzyme Repairing Oxidatively Modified DNA Base Lesions. Journal of Innate Immunity, 2022, 14, 593-614.	3.8	10
49	p85-RhoGDI2, a novel complex, is required for PSGL-1-induced β1 integrin-mediated lymphocyte adhesion to VCAM-1. International Journal of Biochemistry and Cell Biology, 2013, 45, 2764-2773.	2.8	7
50	RhoGDI2 positively regulates the Rho GTPases activation in response to the β2 outsideâ€in signaling in T cells adhesion and migration on ICAMâ€1. Journal of Leukocyte Biology, 2019, 106, 431-446.	3.3	7
51	c‑Abl‑mediated tyrosine phosphorylation of DNA damage response proteins and implications in important cellular functions (Review). Molecular Medicine Reports, 2020, 22, 612-619.	2.4	6
52	ELTâ€2 promotes <i>O</i> â€GlcNAc transferase OGTâ€1 expression to modulate <i>Caenorhabditis elegans</i> lifespan. Journal of Cellular Biochemistry, 2020, 121, 4898-4907.	2.6	5
53	The establishment of methods for free PAR generation and PAR reader detection. Molecular and Cellular Probes, 2018, 39, 57-60.	2.1	2
54	Cell-Penetrating Peptide TAT-HuR-HNS3 Suppresses Proinflammatory Gene Expression via Competitively Blocking Interaction of HuR with Its Partners. Journal of Immunology, 2022, 208, 2376-2389.	0.8	2