

# Xueqing Ba

## List of Publications by Year in descending order

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54  
papers

2,571  
citations

212478

28  
h-index

223390

49  
g-index

58  
all docs

58  
docs citations

58  
times ranked

3531  
citing authors

#	ARTICLE	IF	CITATIONS
1	The key players of parthanatos: opportunities for targeting multiple levels in the therapy of parthanatos-based pathogenesis. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 60.	2.4	35
2	Cell-Penetrating Peptide TAT-HuR-HNS3 Suppresses Proinflammatory Gene Expression via Competitively Blocking Interaction of HuR with Its Partners. <i>Journal of Immunology</i> , 2022, 208, 2376-2389.	0.4	2
3	Innate Immune Responses to RSV Infection Facilitated by OGG1, an Enzyme Repairing Oxidatively Modified DNA Base Lesions. <i>Journal of Innate Immunity</i> , 2022, 14, 593-614.	1.8	10
4	Poly(ADP-ribosyl)ation enhances HuR oligomerization and contributes to pro-inflammatory gene mRNA stabilization. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 1817-1835.	2.4	17
5	Enzymatically inactive OGG1 binds to DNA and steers base excision repair toward gene transcription. <i>FASEB Journal</i> , 2020, 34, 7427-7441.	0.2	33
6	ELT-2 promotes OGG1 expression to modulate Caenorhabditis elegans lifespan. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 4898-4907.	1.2	5
7	c-Abl-mediated tyrosine phosphorylation of DNA damage response proteins and implications in important cellular functions (Review). <i>Molecular Medicine Reports</i> , 2020, 22, 612-619.	1.1	6
8	CXCR2 expression on granulocyte and macrophage progenitors under tumor conditions contributes to mo-MDSC generation via SAP18/ERK/STAT3. <i>Cell Death and Disease</i> , 2019, 10, 598.	2.7	40
9	Epigenetic regulation of TIMP1 expression by 8-oxoguanine DNA glycosylase-1 binding to DNA:RNA hybrid. <i>FASEB Journal</i> , 2019, 33, 14159-14170.	0.2	14
10	The Role of PARPs in Inflammation and Metabolic-Related Diseases: Molecular Mechanisms and Beyond. <i>Cells</i> , 2019, 8, 1047.	1.8	71
11	RhoGDI2 positively regulates the Rho GTPases activation in response to the Î2 outside-in signaling in T cells adhesion and migration on ICAM-1. <i>Journal of Leukocyte Biology</i> , 2019, 106, 431-446.	1.5	7
12	Novel insights into PARPs in gene expression: regulation of RNA metabolism. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 3283-3299.	2.4	32
13	c-Abl-Mediated Tyrosine Phosphorylation of PARP1 Is Crucial for Expression of Proinflammatory Genes. <i>Journal of Immunology</i> , 2019, 203, 1521-1531.	0.4	29
14	Arginine methylation of SKN-1 promotes oxidative stress resistance in <i>Caenorhabditis elegans</i> . <i>Redox Biology</i> , 2019, 21, 101111.	3.9	21
15	Muscle-Specific Histone H3K36 Dimethyltransferase SET-18 Shortens Lifespan of <i>Caenorhabditis elegans</i> by Repressing daf-16a Expression. <i>Cell Reports</i> , 2018, 22, 2716-2729.	2.9	25
16	The establishment of methods for free PAR generation and PAR reader detection. <i>Molecular and Cellular Probes</i> , 2018, 39, 57-60.	0.9	2
17	8-Oxoguanine DNA glycosylase 1: Beyond repair of the oxidatively modified base lesions. <i>Redox Biology</i> , 2018, 14, 669-678.	3.9	179
18	Small-molecule inhibitor of OGG1 suppresses proinflammatory gene expression and inflammation. <i>Science</i> , 2018, 362, 834-839.	6.0	156

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19	Chemokine (C-X-C motif) ligand 1 and CXCL2 produced by tumor promote the generation of monocytic myeloid-derived suppressor cells. <i>Cancer Science</i> , 2018, 109, 3826-3839.	1.7	50
20	Effects of the stimuli-dependent enrichment of 8-oxoguanine DNA glycosylase1 on chromatinized DNA. <i>Redox Biology</i> , 2018, 18, 43-53.	3.9	47
21	The roles of base excision repair enzyme OGG1 in gene expression. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 3741-3750.	2.4	67
22	OGG1-initiated base excision repair exacerbates oxidative stress-induced parthanatos. <i>Cell Death and Disease</i> , 2018, 9, 628.	2.7	55
23	OGG1-DNA interactions facilitate NF- $\kappa$ B binding to DNA targets. <i>Scientific Reports</i> , 2017, 7, 43297.	1.6	50
24	PARP1 promotes gene expression at the post-transcriptional level by modulating the RNA-binding protein HuR. <i>Nature Communications</i> , 2017, 8, 14632.	5.8	60
25	Pollen-induced oxidative DNA damage response regulates miRNAs controlling allergic inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L1058-L1068.	1.3	15
26	8-Oxoguanine DNA glycosylase1-driven DNA repair A paradoxical role in lung aging. <i>Mechanisms of Ageing and Development</i> , 2017, 161, 51-65.	2.2	11
27	Recruited monocytic myeloid-derived suppressor cells promote the arrest of tumor cells in the premetastatic niche through an IL-1 $\beta$ -mediated increase in E-selectin expression. <i>International Journal of Cancer</i> , 2017, 140, 1370-1383.	2.3	71
28	Oxidized Guanine Base Lesions Function in 8-Oxoguanine DNA Glycosylase-1-mediated Epigenetic Regulation of Nuclear Factor $\kappa$ B-driven Gene Expression. <i>Journal of Biological Chemistry</i> , 2016, 291, 25553-25566.	1.6	151
29	Pathophysiology of bronchoconstriction. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2016, 16, 59-67.	1.1	20
30	BRG1 promotes DNA double-strand break repair by facilitating the replacement of RPA with RAD51. <i>Journal of Cell Science</i> , 2015, 128, 317-30.	1.2	65
31	Lipid raft-associated $\alpha$ -adducin is required for PSGL-1-mediated neutrophil rolling on P-selectin. <i>Journal of Leukocyte Biology</i> , 2015, 97, 297-306.	1.5	11
32	Whole transcriptome analysis reveals an 8-oxoguanine DNA glycosylase-1-driven DNA repair-dependent gene expression linked to essential biological processes. <i>Free Radical Biology and Medicine</i> , 2015, 81, 107-118.	1.3	35
33	Whole transcriptome analysis reveals a role for OGG1-initiated DNA repair signaling in airway remodeling. <i>Free Radical Biology and Medicine</i> , 2015, 89, 20-33.	1.3	32
34	8-Oxoguanine DNA glycosylase-1-driven DNA base excision repair. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2015, 15, 89-97.	1.1	26
35	17-beta estradiol inhibits oxidative stress-induced accumulation of AIF into nucleolus and PARP1-dependent cell death via estrogen receptor alpha. <i>Toxicology Letters</i> , 2015, 232, 1-9.	0.4	17
36	The Role of 8-Oxoguanine DNA Glycosylase-1 in Inflammation. <i>International Journal of Molecular Sciences</i> , 2014, 15, 16975-16997.	1.8	96

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37	8-Oxoguanine DNA glycosylase-1-mediated DNA repair is associated with Rho GTPase activation and $\beta$ -smooth muscle actin polymerization. <i>Free Radical Biology and Medicine</i> , 2014, 73, 430-438.	1.3	58
38	8-Oxoguanine DNA Glycosylase-1 Augments Proinflammatory Gene Expression by Facilitating the Recruitment of Site-Specific Transcription Factors. <i>Journal of Immunology</i> , 2014, 192, 2384-2394.	0.4	105
39	Innate Inflammation Induced by the 8-Oxoguanine DNA Glycosylase-1 $\rightarrow$ KRAS $\rightarrow$ NF- $\kappa$ B Pathway. <i>Journal of Immunology</i> , 2014, 193, 4643-4653.	0.4	85
40	Down-regulation of 8-oxoguanine DNA glycosylase 1 expression in the airway epithelium ameliorates allergic lung inflammation. <i>DNA Repair</i> , 2013, 12, 18-26.	1.3	71
41	Activation of cellular signaling by 8-oxoguanine DNA glycosylase-1-initiated DNA base excision repair. <i>DNA Repair</i> , 2013, 12, 856-863.	1.3	60
42	8-Oxoguanine DNA glycosylase-1 links DNA repair to cellular signaling via the activation of the small GTPase Rac1. <i>Free Radical Biology and Medicine</i> , 2013, 61, 384-394.	1.3	76
43	p85-RhoGDI2, a novel complex, is required for PSGL-1-induced $\beta$ 1 integrin-mediated lymphocyte adhesion to VCAM-1. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 2764-2773.	1.2	7
44	Lipid rafts control human melanoma cell migration by regulating focal adhesion disassembly. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 3195-3205.	1.9	42
45	Lipid raft regulates the initial spreading of melanoma A375 cells by modulating $\beta$ 1 integrin clustering. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1679-1689.	1.2	31
46	c-Abl tyrosine kinase plays a critical role in $\beta$ 2 integrin-dependent neutrophil migration by regulating Vav1 activity. <i>Journal of Leukocyte Biology</i> , 2013, 93, 611-622.	1.5	27
47	Lipopolysaccharide activates ERK $\rightarrow$ PARP-1 $\rightarrow$ RelA pathway and promotes nuclear factor $\kappa$ B transcription in murine macrophages. <i>Human Immunology</i> , 2012, 73, 439-447.	1.2	51
48	Signaling Mechanism of Poly(ADP-Ribose) Polymerase-1 (PARP-1) in Inflammatory Diseases. <i>American Journal of Pathology</i> , 2011, 178, 946-955.	1.9	169
49	<i>Trypanosoma cruzi</i> Induces the Reactive Oxygen Species-PARP-1-RelA Pathway for Up-regulation of Cytokine Expression in Cardiomyocytes. <i>Journal of Biological Chemistry</i> , 2010, 285, 11596-11606.	1.6	107
50	c-Abl Kinase Is Required for $\beta$ 2 Integrin-Mediated Neutrophil Adhesion. <i>Journal of Immunology</i> , 2009, 182, 3233-3242.	0.4	27
51	L-selectin ligation-induced CSF-1 gene transcription is regulated by AP-1 in a c-Abl kinase-dependent manner. <i>Human Immunology</i> , 2008, 69, 501-509.	1.2	11
52	c-Abl is required for the signaling transduction induced by L-selectin ligation. <i>European Journal of Immunology</i> , 2007, 37, 3246-3258.	1.6	19
53	c-Abl Is Involved in the F-Actin Assembly Triggered by L-Selectin Crosslinking. <i>Journal of Biochemistry</i> , 2006, 140, 229-235.	0.9	16
54	Signaling function of PSGL-1 in neutrophil: Tyrosine-phosphorylation-dependent and c-Abl-involved alteration in the F-actin-based cytoskeleton. <i>Journal of Cellular Biochemistry</i> , 2005, 94, 365-373.	1.2	37