

# Masayuki Yamamoto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6737523/publications.pdf>

Version: 2024-02-01

442  
papers

78,528  
citations

460  
134  
h-index

573  
269  
g-index

472  
all docs

472  
docs citations

472  
times ranked

57908  
citing authors

#	ARTICLE	IF	CITATIONS
1	The return of individual genomic results to research participants: design and pilot study of Tohoku Medical Megabank Project. <i>Journal of Human Genetics</i> , 2022, 67, 9-17.	1.1	9
2	Trans-ethnic Mendelian-randomization study reveals causal relationships between cardiometabolic factors and chronic kidney disease. <i>International Journal of Epidemiology</i> , 2022, 50, 1995-2010.	0.9	39
3	Maternal Baseline Characteristics and Perinatal Outcomes: The Tohoku Medical Megabank Project Birth and Three-Generation Cohort Study. <i>Journal of Epidemiology</i> , 2022, 32, 69-79.	1.1	13
4	Gene expression changes related to bone mineralization, blood pressure and lipid metabolism in mouse kidneys after space travel. <i>Kidney International</i> , 2022, 101, 92-105.	2.6	11
5	Cyclobutane Pyrimidine Dimers Produced with Narrowband UVB Are on Average More Mutagenic than Those with Broadband UVB in Mouse Skin. <i>Photochemistry and Photobiology</i> , 2022, 98, 916-924.	1.3	1
6	The isoquinoline PRL-295 increases the thermostability of Keap1 and disrupts its interaction with Nrf2. <i>IScience</i> , 2022, 25, 103703.	1.9	11
7	AHR and NRF2 in Skin Homeostasis and Atopic Dermatitis. <i>Antioxidants</i> , 2022, 11, 227.	2.2	22
8	Genome-wide Association Study of Axial Length in Population-based Cohorts in Japan. <i>Ophthalmology Science</i> , 2022, 2, 100113.	1.0	11
9	Esterification promotes the intracellular accumulation of roxadustat, an activator of hypoxia-inducible factors, to extend its effective duration. <i>Biochemical Pharmacology</i> , 2022, 197, 114939.	2.0	3
10	Target Gene Diversity of the Nrf1-MafG Transcription Factor Revealed by a Tethered Heterodimer. <i>Molecular and Cellular Biology</i> , 2022, 42, mcb0052021.	1.1	8
11	Defining roles of specific reactive oxygen species (ROS) in cell biology and physiology. <i>Nature Reviews Molecular Cell Biology</i> , 2022, 23, 499-515.	16.1	469
12	Multifaceted Roles of the KEAP1-NRF2 System in Cancer and Inflammatory Disease Milieu. <i>Antioxidants</i> , 2022, 11, 538.	2.2	24
13	Heterozygous variants in GATA2 contribute to DCML deficiency in mice by disrupting tandem protein binding. <i>Communications Biology</i> , 2022, 5, 376.	2.0	2
14	Genetic Loci for Lung Function in Japanese Adults with Adjustment for Exhaled Nitric Oxide Levels as an Indicator of Type 2 Inflammation in Airway. , 2022, , .		0
15	Genomic landscape of chemical-induced lung tumors under Nrf2 different expression levels. <i>Carcinogenesis</i> , 2022, , .	1.3	0
16	Halofuginone micelle nanoparticles eradicate Nrf2-activated lung adenocarcinoma without systemic toxicity. <i>Free Radical Biology and Medicine</i> , 2022, 187, 92-104.	1.3	5
17	Nrf2 protects against radiation-induced oral mucositis via antioxidation and keratin layer thickening. <i>Free Radical Biology and Medicine</i> , 2022, 188, 206-220.	1.3	9
18	The $\text{N}^{\text{E}}\text{2}$ -TrCP-Mediated Pathway Cooperates with the Keap1-Mediated Pathway in Nrf2 Degradation <i>In Vivo</i> . <i>Molecular and Cellular Biology</i> , 2022, 42, .	1.1	13

#	ARTICLE	IF	CITATIONS
19	Study Profile of the Tohoku Medical Megabank Community-Based Cohort Study. <i>Journal of Epidemiology</i> , 2021, 31, 65-76.	1.1	81
20	NRF2-Dependent Bioactivation of Mitomycin C as a Novel Strategy To Target KEAP1-NRF2 Pathway Activation in Human Cancer. <i>Molecular and Cellular Biology</i> , 2021, 41, .	1.1	21
21	Cellular Nrf2 Levels Determine Cell Fate during Chemical Carcinogenesis in Esophageal Epithelium. <i>Molecular and Cellular Biology</i> , 2021, 41, .	1.1	11
22	Rapid-acting and long-lasting antidepressant-like action of (R)-ketamine in Nrf2 knock-out mice: a role of TrkB signaling. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 439-446.	1.8	29
23	Identification of Dominant Transcripts in Oxidative Stress Response by a Full-Length Transcriptome Analysis. <i>Molecular and Cellular Biology</i> , 2021, 41, .	1.1	7
24	Novel candidates of pathogenic variants of the BRCA1 and BRCA2 genes from a dataset of 3,552 Japanese whole genomes (3.5KJPNv2). <i>PLoS ONE</i> , 2021, 16, e0236907.	1.1	7
25	Estimation of the carrier frequencies and proportions of potential patients by detecting causative gene variants associated with autosomal recessive bone dysplasia using a whole-genome reference panel of Japanese individuals. <i>Human Genome Variation</i> , 2021, 8, 2.	0.4	3
26	Novel method for evaluating the health condition of mice in space through a video downlink. <i>Experimental Animals</i> , 2021, 70, 236-244.	0.7	4
27	Nrf2 is activated by disruption of mitochondrial thiol homeostasis but not by enhanced mitochondrial superoxide production. <i>Journal of Biological Chemistry</i> , 2021, 296, 100169.	1.6	25
28	Renal interstitial fibroblasts coproduce erythropoietin and renin under anaemic conditions. <i>EBioMedicine</i> , 2021, 64, 103209.	2.7	19
29	Genome-wide meta-analysis identifies 127 open-angle glaucoma loci with consistent effect across ancestries. <i>Nature Communications</i> , 2021, 12, 1258.	5.8	196
30	Body mass index and colorectal cancer risk: A Mendelian randomization study. <i>Cancer Science</i> , 2021, 112, 1579-1588.	1.7	25
31	Nrf2 Activation Sensitizes K-Ras Mutant Pancreatic Cancer Cells to Glutaminase Inhibition. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1870.	1.8	19
32	CL316243 treatment mitigates the inflammation in white adipose tissues of juvenile adipocyte-specific Nfe2l1 knockout mice. <i>Free Radical Biology and Medicine</i> , 2021, 165, 289-298.	1.3	5
33	Loss of Ftsj1 perturbs codon-specific translation efficiency in the brain and is associated with X-linked intellectual disability. <i>Science Advances</i> , 2021, 7, .	4.7	30
34	GWAS Identified IL4R and the Major Histocompatibility Complex Region as the Associated Loci of Total Serum IgE Levels in 9,260 Japanese Individuals. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2749-2752.	0.3	4
35	Japonica Array NEO with increased genome-wide coverage and abundant disease risk SNPs. <i>Journal of Biochemistry</i> , 2021, 170, 399-410.	0.9	17
36	Molecular basis for the disruption of Keap1-Nrf2 interaction via Hinge & Latch mechanism. <i>Communications Biology</i> , 2021, 4, 576.	2.0	84

#	ARTICLE	IF	CITATIONS
37	Genetic ablation of Nrf2 exacerbates neurotoxic effects of acrylamide in mice. <i>Toxicology</i> , 2021, 456, 152785.	2.0	13
38	Transcription Factor MAFF (MAF Basic Leucine Zipper Transcription Factor F) Regulates an Atherosclerosis Relevant Network Connecting Inflammation and Cholesterol Metabolism. <i>Circulation</i> , 2021, 143, 1809-1823.	1.6	28
39	Nuclear factor E2-related factor 2 (NRF2) deficiency accelerates fast fibre type transition in soleus muscle during space flight. <i>Communications Biology</i> , 2021, 4, 787.	2.0	17
40	Wide-Targeted Metabolome Analysis Identifies Potential Biomarkers for Prognosis Prediction of Epithelial Ovarian Cancer. <i>Toxins</i> , 2021, 13, 461.	1.5	14
41	Identification and Validation of Combination Plasma Biomarker of Afamin, Fibronectin and Sex Hormone-Binding Globulin to Predict Pre-eclampsia. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 804-815.	0.6	10
42	Nuclear Factor Erythroid 2-Related Factor 2 Depletion Sensitizes Pancreatic Cancer Cells to Gemcitabine via Aldehyde Dehydrogenase 3a1 Repression. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, 379, 33-40.	1.3	10
43	Renal NG2-expressing cells have a macrophage-like phenotype and facilitate renal recovery after ischemic injury. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 321, F170-F178.	1.3	6
44	Distinct Regulations of HO-1 Gene Expression for Stress Response and Substrate Induction. <i>Molecular and Cellular Biology</i> , 2021, 41, e0023621.	1.1	12
45	NRF3 upregulates gene expression in SREBP2-dependent mevalonate pathway with cholesterol uptake and lipogenesis inhibition. <i>IScience</i> , 2021, 24, 103180.	1.9	12
46	Machine learning approaches to predict gestational age in normal and complicated pregnancies via urinary metabolomics analysis. <i>Scientific Reports</i> , 2021, 11, 17777.	1.6	7
47	Potential of NRF2 Pathway in Preventing Developmental and Reproductive Toxicity of Fine Particles. <i>Frontiers in Toxicology</i> , 2021, 3, 710225.	1.6	3
48	A cross-population atlas of genetic associations for 220 human phenotypes. <i>Nature Genetics</i> , 2021, 53, 1415-1424.	9.4	560
49	Comparison of Kit-Based Metabolomics with Other Methodologies in a Large Cohort, towards Establishing Reference Values. <i>Metabolites</i> , 2021, 11, 652.	1.3	10
50	Nrf2 expression in pancreatic stellate cells promotes progression of cancer. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 321, G378-G388.	1.6	8
51	One-year trajectories of postpartum depressive symptoms and associated psychosocial factors: findings from the Tohoku Medical Megabank Project Birth and Three-Generation Cohort Study. <i>Journal of Affective Disorders</i> , 2021, 295, 632-638.	2.0	14
52	Construction and integration of three de novo Japanese human genome assemblies toward a population-specific reference. <i>Nature Communications</i> , 2021, 12, 226.	5.8	31
53	jMorp updates in 2020: large enhancement of multi-omics data resources on the general Japanese population. <i>Nucleic Acids Research</i> , 2021, 49, D536-D544.	6.5	107
54	The KEAP1-NRF2 System as a Molecular Target of Cancer Treatment. <i>Cancers</i> , 2021, 13, 46.	1.7	100

#	ARTICLE	IF	CITATIONS
55	Osteoclasts adapt to physioxia perturbation through DNA demethylation. <i>EMBO Reports</i> , 2021, 22, e53035.	2.0	13
56	Genetic loci for lung function in Japanese adults with adjustment for exhaled nitric oxide levels as airway inflammation indicator. <i>Communications Biology</i> , 2021, 4, 1288.	2.0	13
57	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	13.7	353
58	dbTMM: an integrated database of large-scale cohort, genome and clinical data for the Tohoku Medical Megabank Project. <i>Human Genome Variation</i> , 2021, 8, 44.	0.4	7
59	Nrf2 plays a critical role in the metabolic response during and after spaceflight. <i>Communications Biology</i> , 2021, 4, 1381.	2.0	10
60	Association of treatment-achieved HbA1c with incidence of coronary artery disease and severe eye disease in diabetes patients. <i>Diabetes and Metabolism</i> , 2020, 46, 331-334.	1.4	4
61	Cohort Profile: Tohoku Medical Megabank Project Birth and Three-Generation Cohort Study (TMM) Tj ETQq1 1 0.784314 rgBT /Overlock 2020, 49, 18-19m.	0.9	107
62	Quantitative and qualitative impairments in GATA2 and myeloid neoplasms. <i>IUBMB Life</i> , 2020, 72, 142-150.	1.5	13
63	Wavelength- and Tissue- dependent Variations in the Mutagenicity of Cyclobutane Pyrimidine Dimers in Mouse Skin. <i>Photochemistry and Photobiology</i> , 2020, 96, 94-104.	1.3	14
64	Cis-element architecture of Nrf2's Maf heterodimer binding sites and its relation to diseases. <i>Archives of Pharmacal Research</i> , 2020, 43, 275-285.	2.7	50
65	The Keap1-Nrf2 pathway: From mechanism to medical applications. , 2020, , 125-147.		1
66	Effects of post-renal anemia treatment with the HIF-PHD inhibitor molidustat on adenine-induced renal anemia and kidney disease in mice. <i>Journal of Pharmacological Sciences</i> , 2020, 144, 229-236.	1.1	14
67	Landscape of electrophilic and inflammatory stress-mediated gene regulation in human lymphoblastoid cell lines. <i>Free Radical Biology and Medicine</i> , 2020, 161, 71-83.	1.3	4
68	Low birth weight and abnormal pre-pregnancy body mass index were at higher risk for hypertensive disorders of pregnancy. <i>Pregnancy Hypertension</i> , 2020, 22, 119-125.	0.6	5
69	Environmental pollutants and the immune response. <i>Nature Immunology</i> , 2020, 21, 1486-1495.	7.0	143
70	Fundamental Biological Features of Spaceflight: Advancing the Field to Enable Deep-Space Exploration. <i>Cell</i> , 2020, 183, 1162-1184.	13.5	185
71	Enhancer remodeling promotes tumor-initiating activity in NRF2-activated non-small cell lung cancers. <i>Nature Communications</i> , 2020, 11, 5911.	5.8	60
72	Preconditioning the immature lung with enhanced Nrf2 activity protects against oxidant-induced hypoalveolarization in mice. <i>Scientific Reports</i> , 2020, 10, 19034.	1.6	10

#	ARTICLE	IF	CITATIONS
73	Association of single nucleotide polymorphisms in the NRF2 promoter with vascular stiffness with aging. <i>PLoS ONE</i> , 2020, 15, e0236834.	1.1	9
74	Low Birthweight Affects Predicted FEV1 in People in Their 20s; Factors Influencing Lung Function in Adulthood Based on the Tohoku Medical Megabank Organization Community Health Survey. , 2020, , .		0
75	Geldanamycin-Derived HSP90 Inhibitors Are Synthetic Lethal with NRF2. <i>Molecular and Cellular Biology</i> , 2020, 40, .	1.1	24
76	O-Glycan-Altered Extracellular Vesicles: A Specific Serum Marker Elevated in Pancreatic Cancer. <i>Cancers</i> , 2020, 12, 2469.	1.7	26
77	Nrf2 contributes to the weight gain of mice during space travel. <i>Communications Biology</i> , 2020, 3, 496.	2.0	27
78	Machine learning for effectively avoiding overfitting is a crucial strategy for the genetic prediction of polygenic psychiatric phenotypes. <i>Translational Psychiatry</i> , 2020, 10, 294.	2.4	11
79	Analysis of HLA-G long-read genomic sequences in motherâ€œoffspring pairs with preeclampsia. <i>Scientific Reports</i> , 2020, 10, 20027.	1.6	5
80	Identification of critical genetic variants associated with metabolic phenotypes of the Japanese population. <i>Communications Biology</i> , 2020, 3, 662.	2.0	16
81	Combining MRI and genetic data in the Tohoku Medical Megabank Organization cohort study for innovative Alzheimerâ€™s disease research. <i>Alzheimer's and Dementia</i> , 2020, 16, e045688.	0.4	1
82	Investigation of Df Induced Asthma Model in Each Age of Mice. , 2020, , .		0
83	Improved metabolomic data-based prediction of depressive symptoms using nonlinear machine learning with feature selection. <i>Translational Psychiatry</i> , 2020, 10, 157.	2.4	24
84	Hypertensive disorders of pregnancy, obesity, and hypertension in later life by age group: a cross-sectional analysis. <i>Hypertension Research</i> , 2020, 43, 1277-1283.	1.5	14
85	Transethnic Meta-Analysis of Genome-Wide Association Studies Identifies Three New Loci and Characterizes Population-Specific Differences for Coronary Artery Disease. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002670.	1.6	44
86	Nrf2 Antioxidative System is Involved in Cytochrome P450 Gene Expression and Activity: A Delay in Pentobarbital Metabolism in Nrf2-Deficient Mice. <i>Drug Metabolism and Disposition</i> , 2020, 48, 673-680.	1.7	13
87	Large-scale genome-wide association study in a Japanese population identifies novel susceptibility loci across different diseases. <i>Nature Genetics</i> , 2020, 52, 669-679.	9.4	304
88	Production of IL-17A at Innate Immune Phase Leads to Decreased Th1 Immune Response and Attenuated Host Defense against Infection with <i>Cryptococcus deneoformans</i> . <i>Journal of Immunology</i> , 2020, 205, 686-698.	0.4	13
89	Oxidative-stress-driven mutagenesis in the small intestine of the gpt delta mouse induced by oral administration of potassium bromate. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2020, 850-851, 503136.	0.9	8
90	Microenvironmental Activation of Nrf2 Restricts the Progression of Nrf2-Activated Malignant Tumors. <i>Cancer Research</i> , 2020, 80, 3331-3344.	0.4	36

#	ARTICLE	IF	CITATIONS
91	<i>Keap1</i> deletion accelerates mutant <i>K-ras/p53</i> -driven cholangiocarcinoma. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, G419-G427.	1.6	15
92	Impacts of NRF2 activation in non-small cell lung cancer cell lines on extracellular metabolites. <i>Cancer Science</i> , 2020, 111, 667-678.	1.7	29
93	Nrf2 Suppresses Oxidative Stress and Inflammation in <i>App</i> Knock-In Alzheimer's Disease Model Mice. <i>Molecular and Cellular Biology</i> , 2020, 40, .	1.1	98
94	Amino-acid selective isotope labeling enables simultaneous overlapping signal decomposition and information extraction from NMR spectra. <i>Journal of Biomolecular NMR</i> , 2020, 74, 125-137.	1.6	2
95	Public Relations and Communication Strategies in Construction of Large-Scale Cohorts and Biobank: Practice in the Tohoku Medical Megabank Project. <i>Tohoku Journal of Experimental Medicine</i> , 2020, 250, 253-262.	0.5	3
96	Genome-wide association study identifies new loci for albuminuria in the Japanese population. <i>Clinical and Experimental Nephrology</i> , 2020, 24, 1-9.	0.7	9
97	EV1 and GATA2 misexpression induced by <i>inv(3)(q21q26)</i> contribute to megakaryocyte-lineage skewing and leukemogenesis. <i>Blood Advances</i> , 2020, 4, 1722-1736.	2.5	16
98	The Molecular Mechanisms Regulating the KEAP1-NRF2 Pathway. <i>Molecular and Cellular Biology</i> , 2020, 40, .	1.1	620
99	Oral Microbiome Analysis in Prospective Genome Cohort Studies of the Tohoku Medical Megabank Project. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 604596.	1.8	12
100	A genotype imputation method for de-identified haplotype reference information by using recurrent neural network. <i>PLoS Computational Biology</i> , 2020, 16, e1008207.	1.5	11
101	Design and Progress of Oral Health Examinations in the Tohoku Medical Megabank Project. <i>Tohoku Journal of Experimental Medicine</i> , 2020, 251, 97-115.	0.5	3
102	Title is missing!. , 2020, 15, e0236834.		0
103	Title is missing!. , 2020, 15, e0236834.		0
104	Title is missing!. , 2020, 15, e0236834.		0
105	Title is missing!. , 2020, 15, e0236834.		0
106	Direct and Specific Functional Evaluation of the Nrf2 and MafG Heterodimer by Introducing a Tethered Dimer into Small Maf-Deficient Cells. <i>Molecular and Cellular Biology</i> , 2019, 39, .	1.1	25
107	Dietary supplementation with sulforaphane attenuates liver damage and heme overload in a sickle cell disease murine model. <i>Experimental Hematology</i> , 2019, 77, 51-60.e1.	0.2	6
108	An immortalized cell line derived from renal erythropoietin-producing (REP) cells demonstrates their potential to transform into myofibroblasts. <i>Scientific Reports</i> , 2019, 9, 11254.	1.6	23



#	ARTICLE	IF	CITATIONS
109	A training and education program for genome medical research coordinators in the genome cohort study of the Tohoku Medical Megabank Organization. <i>BMC Medical Education</i> , 2019, 19, 297.	1.0	9
110	Molecular Mechanism of Cellular Oxidative Stress Sensing by Keap1. <i>Cell Reports</i> , 2019, 28, 746-758.e4.	2.9	179
111	3.5KJPNv2: an allele frequency panel of 3552 Japanese individuals including the X chromosome. <i>Human Genome Variation</i> , 2019, 6, 28.	0.4	115
112	A low-frequency IL4R locus variant in Japanese patients with intravenous immunoglobulin therapy-unresponsive Kawasaki disease. <i>Pediatric Rheumatology</i> , 2019, 17, 34.	0.9	11
113	Characterizing rare and low-frequency height-associated variants in the Japanese population. <i>Nature Communications</i> , 2019, 10, 4393.	5.8	123
114	Nrf2 Suppresses Allergic Lung Inflammation by Attenuating the Type 2 Innate Lymphoid Cell Response. <i>Journal of Immunology</i> , 2019, 202, 1331-1339.	0.4	24
115	Construction of JRG (Japanese reference genome) with single-molecule real-time sequencing. <i>Human Genome Variation</i> , 2019, 6, 27.	0.4	9
116	Conductive Adhesive Film Expands the Utility of Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2019, 91, 8979-8986.	3.2	20
117	Environmental Electrophile-Mediated Toxicity in Mice Lacking Nrf2, CSE, or Both. <i>Environmental Health Perspectives</i> , 2019, 127, 67002.	2.8	30
118	Biobank Establishment and Sample Management in the Tohoku Medical Megabank Project. <i>Tohoku Journal of Experimental Medicine</i> , 2019, 248, 45-55.	0.5	40
119	Gut microbiome-derived phenyl sulfate contributes to albuminuria in diabetic kidney disease. <i>Nature Communications</i> , 2019, 10, 1835.	5.8	173
120	Identification of genetic alterations in extramammary Paget disease using whole exome analysis. <i>Journal of Dermatological Science</i> , 2019, 94, 229-235.	1.0	23
121	Estimating carrier frequencies of newborn screening disorders using a whole-genome reference panel of 3552 Japanese individuals. <i>Human Genetics</i> , 2019, 138, 389-409.	1.8	7
122	Maternity Log study: a longitudinal lifelog monitoring and multiomics analysis for the early prediction of complicated pregnancy. <i>BMJ Open</i> , 2019, 9, e025939.	0.8	10
123	Genome-wide association meta-analysis and Mendelian randomization analysis confirm the influence of ALDH2 on sleep duration in the Japanese population. <i>Sleep</i> , 2019, 42, .	0.6	16
124	Outlier detection for questionnaire data in biobanks. <i>International Journal of Epidemiology</i> , 2019, 48, 1305-1315.	0.9	9
125	GATA2 hypomorphism induces chronic myelomonocytic leukemia in mice. <i>Cancer Science</i> , 2019, 110, 1183-1193.	1.7	13
126	Pathogenic mutations identified by a multimodality approach in 117 Japanese Fanconi anemia patients. <i>Haematologica</i> , 2019, 104, 1962-1973.	1.7	22



#	ARTICLE	IF	CITATIONS
127	New insights into nuclear factor erythroid 2-related factors in toxicology and pharmacology. <i>Toxicology and Applied Pharmacology</i> , 2019, 367, 33-35.	1.3	8
128	Nrf2 activation in myeloid cells and endothelial cells differentially mitigates sickle cell disease pathology in mice. <i>Blood Advances</i> , 2019, 3, 1285-1297.	2.5	17
129	P3534Optimal dosing of initial bolus of intravenous furosemide in acute heart failure: insights from REALITY-AHF. <i>European Heart Journal</i> , 2019, 40, .	1.0	0
130	Aryl Hydrocarbon Receptor Directly Regulates <i>Artemin</i> Gene Expression. <i>Molecular and Cellular Biology</i> , 2019, 39, .	1.1	17
131	Genome analyses for the Tohoku Medical Megabank Project towards establishment of personalized healthcare. <i>Journal of Biochemistry</i> , 2019, 165, 139-158.	0.9	33
132	Biallelic GALM pathogenic variants cause a novel type of galactosemia. <i>Genetics in Medicine</i> , 2019, 21, 1286-1294.	1.1	40
133	Construction of full-length Japanese reference panel of class I HLA genes with single-molecule, real-time sequencing. <i>Pharmacogenomics Journal</i> , 2019, 19, 136-146.	0.9	12
134	Identification of 28 new susceptibility loci for type 2 diabetes in the Japanese population. <i>Nature Genetics</i> , 2019, 51, 379-386.	9.4	164
135	Nrf2 represses the onset of type 1 diabetes in non-obese diabetic mice. <i>Journal of Endocrinology</i> , 2019, 240, 403-416.	1.2	33
136	Establishment of Integrated Biobank for Precision Medicine and Personalized Healthcare: The Tohoku Medical Megabank Project. <i>JMA Journal</i> , 2019, 2, 113-122.	0.6	21
137	Quantitative analysis of UV photolesions suggests that cyclobutane pyrimidine dimers produced in mouse skin by UVB are more mutagenic than those produced by UVC. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 404-413.	1.6	20
138	Severity of eczema and mental health problems in Japanese schoolchildren: The ToMMo Child Health Study. <i>Allergology International</i> , 2018, 67, 481-486.	1.4	18
139	Role of fatty liver in the association between obesity and reduced hepatic insulin clearance. <i>Diabetes and Metabolism</i> , 2018, 44, 135-142.	1.4	16
140	Omics research project on prospective cohort studies from the Tohoku Medical Megabank Project. <i>Genes To Cells</i> , 2018, 23, 406-417.	0.5	38
141	Identification of somatic genetic alterations in ovarian clear cell carcinoma with next generation sequencing. <i>Genes Chromosomes and Cancer</i> , 2018, 57, 51-60.	1.5	83
142	jMorp: Japanese Multi Omics Reference Panel. <i>Nucleic Acids Research</i> , 2018, 46, D551-D557.	6.5	90
143	Simultaneous <i>K-ras</i> activation and <i>Keap1</i> deletion cause atrophy of pancreatic parenchyma. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, G65-G74.	1.6	19
144	Evaluation of reported pathogenic variants and their frequencies in a Japanese population based on a whole-genome reference panel of 2049 individuals. <i>Journal of Human Genetics</i> , 2018, 63, 213-230.	1.1	35

#	ARTICLE	IF	CITATIONS
145	Predictors of the response of HbA1c and body weight after SGLT2 inhibition. <i>Diabetes and Metabolism</i> , 2018, 44, 172-174.	1.4	8
146	Interethnic analyses of blood pressure loci in populations of East Asian and European descent. <i>Nature Communications</i> , 2018, 9, 5052.	5.8	75
147	Development and application of a rapid and sensitive genotyping method for pharmacogene variants using the single-stranded tag hybridization chromatographic printed-array strip (STH-PAS). <i>Drug Metabolism and Pharmacokinetics</i> , 2018, 33, 258-263.	1.1	9
148	Iron attenuates erythropoietin production by decreasing hypoxia-inducible transcription factor $2\beta$ concentrations in renal interstitial fibroblasts. <i>Kidney International</i> , 2018, 94, 900-911.	2.6	26
149	Roles of the KEAP1-NRF2 system in mammalian skin exposed to UV radiation. <i>Toxicology and Applied Pharmacology</i> , 2018, 360, 69-77.	1.3	50
150	Genome-wide analysis of polymorphism-sodium interaction effect on blood pressure identifies a novel $3\beta$ -BCL11B gene desert locus. <i>Scientific Reports</i> , 2018, 8, 14162.	1.6	10
151	Functional characterization of 40 CYP2B6 allelic variants by assessing efavirenz 8-hydroxylation. <i>Biochemical Pharmacology</i> , 2018, 156, 420-430.	2.0	16
152	C151 in KEAP1 is the main cysteine sensor for the cyanoenone class of NRF2 activators, irrespective of molecular size or shape. <i>Scientific Reports</i> , 2018, 8, 8037.	1.6	58
153	Functional Characterization of 21 Allelic Variants of Dihydropyrimidine Dehydrogenase Identified in 1070 Japanese Individuals. <i>Drug Metabolism and Disposition</i> , 2018, 46, 1083-1090.	1.7	30
154	Detection of novel metabolite for roxadustat doping by global metabolomics. <i>Journal of Biochemistry</i> , 2018, 163, e1-e1.	0.9	2
155	<i>in vitro</i> -GlcNAcylation Signal Mediates Proteasome Inhibitor Resistance in Cancer Cells by Stabilizing NRF1. <i>Molecular and Cellular Biology</i> , 2018, 38, .	1.1	43
156	Adipocyte-specific deficiency of Nfe2l1 disrupts plasticity of white adipose tissues and metabolic homeostasis in mice. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 264-270.	1.0	35
157	Genetic inactivation of Nrf2 prevents clonal expansion of initiated cells in a nutritional model of rat hepatocarcinogenesis. <i>Journal of Hepatology</i> , 2018, 69, 635-643.	1.8	31
158	The KEAP1-NRF2 System: a Thiol-Based Sensor-Effector Apparatus for Maintaining Redox Homeostasis. <i>Physiological Reviews</i> , 2018, 98, 1169-1203.	13.1	1,067
159	Regional genetic differences among Japanese populations and performance of genotype imputation using whole-genome reference panel of the Tohoku Medical Megabank Project. <i>BMC Genomics</i> , 2018, 19, 551.	1.2	14
160	Metabolomic changes in the mouse retina after optic nerve injury. <i>Scientific Reports</i> , 2018, 8, 11930.	1.6	16
161	Nrf2 Improves Leptin and Insulin Resistance Provoked by Hypothalamic Oxidative Stress. <i>Cell Reports</i> , 2017, 18, 2030-2044.	2.9	96
162	Hyperactivation of Nrf2 in early tubular development induces nephrogenic diabetes insipidus. <i>Nature Communications</i> , 2017, 8, 14577.	5.8	64

#	ARTICLE	IF	CITATIONS
163	The novel Nrf2 inducer TFM-735 ameliorates experimental autoimmune encephalomyelitis in mice. <i>European Journal of Pharmacology</i> , 2017, 802, 76-84.	1.7	32
164	Identification of six new genetic loci associated with atrial fibrillation in the Japanese population. <i>Nature Genetics</i> , 2017, 49, 953-958.	9.4	136
165	Nrf2 promotes mutant K-ras/p53-driven pancreatic carcinogenesis. <i>Carcinogenesis</i> , 2017, 38, 661-670.	1.3	46
166	Nrf2 inactivation enhances placental angiogenesis in a preeclampsia mouse model and improves maternal and fetal outcomes. <i>Science Signaling</i> , 2017, 10, .	1.6	68
167	Systemic Activation of NRF2 Alleviates Lethal Autoimmune Inflammation in Scurfy Mice. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	66
168	A Homeostatic Shift Facilitates Endoplasmic Reticulum Proteostasis through Transcriptional Integration of Proteostatic Stress Response Pathways. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	43
169	Halofuginone enhances the chemo-sensitivity of cancer cells by suppressing NRF2 accumulation. <i>Free Radical Biology and Medicine</i> , 2017, 103, 236-247.	1.3	117
170	Nuclear factor (erythroid derived 2)-like 2 activation increases exercise endurance capacity via redox modulation in skeletal muscles. <i>Scientific Reports</i> , 2017, 7, 12902.	1.6	51
171	Low-Dose Irradiation Promotes Persistent Oxidative Stress and Decreases Self-Renewal in Hematopoietic Stem Cells. <i>Cell Reports</i> , 2017, 20, 3199-3211.	2.9	69
172	Induction of erythropoietin gene expression in epithelial cells by chemicals identified in GATA inhibitor screenings. <i>Genes To Cells</i> , 2017, 22, 939-952.	0.5	4
173	Stress-sensing mechanisms and the physiological roles of the Keap1-Nrf2 system during cellular stress. <i>Journal of Biological Chemistry</i> , 2017, 292, 16817-16824.	1.6	311
174	Genome-wide association study identifies 112 new loci for body mass index in the Japanese population. <i>Nature Genetics</i> , 2017, 49, 1458-1467.	9.4	380
175	Genome-wide identification of inter-individually variable DNA methylation sites improves the efficacy of epigenetic association studies. <i>Npj Genomic Medicine</i> , 2017, 2, 11.	1.7	59
176	Reducing Inflammatory Cytokine Production from Renal Collecting Duct Cells by Inhibiting GATA2 Ameliorates Acute Kidney Injury. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	22
177	NRF2 Activation Impairs Quiescence and Bone Marrow Reconstitution Capacity of Hematopoietic Stem Cells. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	49
178	Transcription factor Nrf2 hyperactivation in early-phase renal ischemia-reperfusion injury prevents tubular damage progression. <i>Kidney International</i> , 2017, 91, 387-401.	2.6	154
179	Monitoring of minimal residual disease in early T-cell precursor acute lymphoblastic leukaemia by next-generation sequencing. <i>British Journal of Haematology</i> , 2017, 176, 318-321.	1.2	7
180	The aryl hydrocarbon receptor AhR links atopic dermatitis and air pollution via induction of the neurotrophic factor artemin. <i>Nature Immunology</i> , 2017, 18, 64-73.	7.0	204

#	ARTICLE	IF	CITATIONS
181	The KEAP1–NRF2 System in Cancer. <i>Frontiers in Oncology</i> , 2017, 7, 85.	1.3	370
182	Security controls in an integrated Biobank to protect privacy in data sharing: rationale and study design. <i>BMC Medical Informatics and Decision Making</i> , 2017, 17, 100.	1.5	30
183	Genome-wide meta-analysis in Japanese populations identifies novel variants at the TMC6–TMC8 and SIX3–SIX2 loci associated with HbA1c. <i>Scientific Reports</i> , 2017, 7, 16147.	1.6	28
184	Genetic analysis of Japanese primary open-angle glaucoma patients and clinical characterization of risk alleles near CDKN2B-AS1, SIX6 and GAS7. <i>PLoS ONE</i> , 2017, 12, e0186678.	1.1	24
185	A Comprehensive Genomic Analysis Reveals the Genetic Landscape of Mitochondrial Respiratory Chain Complex Deficiencies. <i>PLoS Genetics</i> , 2016, 12, e1005679.	1.5	236
186	Adjustment of Cell-Type Composition Minimizes Systematic Bias in Blood DNA Methylation Profiles Derived by DNA Collection Protocols. <i>PLoS ONE</i> , 2016, 11, e0147519.	1.1	21
187	Clinical assessment and prevalence of parkinsonism in Japanese elderly people. <i>Acta Neurologica Scandinavica</i> , 2016, 133, 373-379.	1.0	17
188	NRF2 Intensifies Host Defense Systems to Prevent Lung Carcinogenesis, but After Tumor Initiation Accelerates Malignant Cell Growth. <i>Cancer Research</i> , 2016, 76, 3088-3096.	0.4	85
189	GATA1 Binding Kinetics on Conformation-Specific Binding Sites Elicit Differential Transcriptional Regulation. <i>Molecular and Cellular Biology</i> , 2016, 36, 2151-2167.	1.1	16
190	Nrf2-Mediated Regulation of Skeletal Muscle Glycogen Metabolism. <i>Molecular and Cellular Biology</i> , 2016, 36, 1655-1672.	1.1	101
191	Generation of a New Model Rat: <i>Nrf2</i> Knockout Rats Are Sensitive to Aflatoxin B <sub>1</sub> Toxicity. <i>Toxicological Sciences</i> , 2016, 152, 40-52.	1.4	58
192	Small Maf proteins (MafF, MafG, MafK): History, structure and function. <i>Gene</i> , 2016, 586, 197-205.	1.0	174
193	Absolute Amounts and Status of the Nrf2-Keap1-Cul3 Complex within Cells. <i>Molecular and Cellular Biology</i> , 2016, 36, 3100-3112.	1.1	88
194	The role of nuclear factor E2-Related factor 2 and uncoupling protein 2 in glutathione metabolism: Evidence from an <i>in vivo</i> gene knockout study. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 87-92.	1.0	8
195	The Tohoku Medical Megabank Project: Design and Mission. <i>Journal of Epidemiology</i> , 2016, 26, 493-511.	1.1	236
196	GATA2 regulates dendritic cell differentiation. <i>Blood</i> , 2016, 128, 508-518.	0.6	38
197	Overview of redox regulation by Keap1–Nrf2 system in toxicology and cancer. <i>Current Opinion in Toxicology</i> , 2016, 1, 29-36.	2.6	39
198	Nrf2 suppresses macrophage inflammatory response by blocking proinflammatory cytokine transcription. <i>Nature Communications</i> , 2016, 7, 11624.	5.8	1,238

#	ARTICLE	IF	CITATIONS
199	The structural origin of metabolic quantitative diversity. <i>Scientific Reports</i> , 2016, 6, 31463.	1.6	18
200	NRF2 Is a Key Target for Prevention of Noise-Induced Hearing Loss by Reducing Oxidative Damage of Cochlea. <i>Scientific Reports</i> , 2016, 6, 19329.	1.6	91
201	Small Maf deficiency recapitulates the liver phenotypes of Nrf1 and Nrf2 deficient mice. <i>Genes To Cells</i> , 2016, 21, 1309-1319.	0.5	21
202	p62/Sqstm1 promotes malignancy of HCV-positive hepatocellular carcinoma through Nrf2-dependent metabolic reprogramming. <i>Nature Communications</i> , 2016, 7, 12030.	5.8	253
203	Keap1/Nrf2 pathway activation leads to a repressed hepatic gluconeogenic and lipogenic program in mice on a high-fat diet. <i>Archives of Biochemistry and Biophysics</i> , 2016, 591, 57-65.	1.4	82
204	Partial contribution of the Keap1-Nrf2 system to cadmium-mediated metallothionein expression in vascular endothelial cells. <i>Toxicology and Applied Pharmacology</i> , 2016, 295, 37-46.	1.3	37
205	Unique cistrome defined as CsMBE is strictly required for Nrf2-sMaf heterodimer function in cytoprotection. <i>Free Radical Biology and Medicine</i> , 2016, 91, 45-57.	1.3	55
206	The Mediator Subunit MED16 Transduces NRF2-Activating Signals into Antioxidant Gene Expression. <i>Molecular and Cellular Biology</i> , 2016, 36, 407-420.	1.1	64
207	Characterizations of Three Major Cysteine Sensors of Keap1 in Stress Response. <i>Molecular and Cellular Biology</i> , 2016, 36, 271-284.	1.1	203
208	Erythropoietin Synthesis in Renal Myofibroblasts Is Restored by Activation of Hypoxia Signaling. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 428-438.	3.0	137
209	Establishment of Protocols for Global Metabolomics by LC-MS for Biomarker Discovery. <i>PLoS ONE</i> , 2016, 11, e0160555.	1.1	56
210	iJGVD: an integrative Japanese genome variation database based on whole-genome sequencing. <i>Human Genome Variation</i> , 2015, 2, 15050.	0.4	100
211	<i>In Vivo</i> Spectrum of UVC-Induced Mutation in Mouse Skin Epidermis May Reflect the Cytosine Deamination Propensity of Cyclobutane Pyrimidine Dimers. <i>Photochemistry and Photobiology</i> , 2015, 91, 1488-1496.	1.3	10
212	Inter-Individual Differences in the Oral Bacteriome Are Greater than Intra-Day Fluctuations in Individuals. <i>PLoS ONE</i> , 2015, 10, e0131607.	1.1	47
213	Activation of the NRF2 pathway and its impact on the prognosis of anaplastic glioma patients. <i>Neuro-Oncology</i> , 2015, 17, 555-565.	0.6	48
214	Alcohol dehydrogenase 3 contributes to the protection of liver from nonalcoholic steatohepatitis. <i>Genes To Cells</i> , 2015, 20, 464-480.	0.5	21
215	DNA methyltransferase 3a regulates osteoclast differentiation by coupling to an S-adenosylmethionine-producing metabolic pathway. <i>Nature Medicine</i> , 2015, 21, 281-287.	15.2	190
216	Molecular basis of the Keap1-Nrf2 system. <i>Free Radical Biology and Medicine</i> , 2015, 88, 93-100.	1.3	762

#	ARTICLE	IF	CITATIONS
217	CNC-bZIP Protein Nrf1-Dependent Regulation of Glucose-Stimulated Insulin Secretion. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 819-831.	2.5	59
218	Amelioration of inflammation and tissue damage in sickle cell model mice by Nrf2 activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12169-12174.	3.3	99
219	Japonica array: improved genotype imputation by designing a population-specific SNP array with 1070 Japanese individuals. <i>Journal of Human Genetics</i> , 2015, 60, 581-587.	1.1	120
220	Rare variant discovery by deep whole-genome sequencing of 1,070 Japanese individuals. <i>Nature Communications</i> , 2015, 6, 8018.	5.8	352
221	Whole-Body <i>In Vivo</i> Monitoring of Inflammatory Diseases Exploiting Human Interleukin 6-Luciferase Transgenic Mice. <i>Molecular and Cellular Biology</i> , 2015, 35, 3590-3601.	1.1	27
222	An integrative approach to analyze microarray datasets for prioritization of genes relevant to lens biology and disease. <i>Genomics Data</i> , 2015, 5, 223-227.	1.3	27
223	The Keap1-Nrf2 system and diabetes mellitus. <i>Archives of Biochemistry and Biophysics</i> , 2015, 566, 76-84.	1.4	182
224	Identification of a Functional Antioxidant Response Element within the Eighth Intron of the Human <i>ABCC3</i> Gene. <i>Drug Metabolism and Disposition</i> , 2015, 43, 93-99.	1.7	19
225	Keap1-Nrf2 System: Potential Role in Prevention of Sickle Cell Disease Organs Damages and Inflammation. <i>Blood</i> , 2015, 126, 411-411.	0.6	1
226	Nrf2 Protects Pancreatic $\beta$ -Cells From Oxidative and Nitrosative Stress in Diabetic Model Mice. <i>Diabetes</i> , 2014, 63, 605-618.	0.3	162
227	Nrf2 induces fibroblast growth factor 21 in diabetic mice. <i>Genes To Cells</i> , 2014, 19, 864-878.	0.5	52
228	NF-E2-related factor 2 promotes compensatory liver hypertrophy after portal vein branch ligation in mice. <i>Hepatology</i> , 2014, 59, 2371-2382.	3.6	28
229	Nrf2 Enhances Cholangiocyte Expansion in Pten-Deficient Livers. <i>Molecular and Cellular Biology</i> , 2014, 34, 900-913.	1.1	85
230	NRF2 immunolocalization in human breast cancer patients as a prognostic factor. <i>Endocrine-Related Cancer</i> , 2014, 21, 241-252.	1.6	55
231	Keap1-Nrf2 system regulates cell fate determination of hematopoietic stem cells. <i>Genes To Cells</i> , 2014, 19, 239-253.	0.5	51
232	Nrf2 enhances myocardial clearance of toxic ubiquitinated proteins. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 72, 305-315.	0.9	53
233	Kinetic, Thermodynamic, and Structural Characterizations of the Association between Nrf2-DLGex Degron and Keap1. <i>Molecular and Cellular Biology</i> , 2014, 34, 832-846.	1.1	202
234	An efficient quantitation method of next-generation sequencing libraries by using MiSeq sequencer. <i>Analytical Biochemistry</i> , 2014, 466, 27-29.	1.1	47

#	ARTICLE	IF	CITATIONS
235	Remarkable induction of UV-signature mutations at the 3â€²-cytosine of dipyrimidine sites except at 5â€²-TCG-3â€² in the UVB-exposed skin epidermis of xeroderma pigmentosum variant model mice. <i>DNA Repair</i> , 2014, 22, 112-122.	1.3	16
236	Validation of multiple single nucleotide variation calls by additional exome analysis with a semiconductor sequencer to supplement data of whole-genome sequencing of a human population. <i>BMC Genomics</i> , 2014, 15, 673.	1.2	10
237	Fetal Globin Gene Repressors as Drug Targets for Molecular Therapies To Treat the $\beta$ -Globinopathies. <i>Molecular and Cellular Biology</i> , 2014, 34, 3560-3569.	1.1	59
238	Loss of Nrf2 in Mice Evokes a Congenital Intrahepatic Shunt That Alters Hepatic Oxygen and Protein Expression Gradients and Toxicity. <i>Toxicological Sciences</i> , 2014, 141, 112-119.	1.4	31
239	Myeloid Lineage-Specific Deletion of Antioxidant System Enhances Tumor Metastasis. <i>Cancer Prevention Research</i> , 2014, 7, 835-844.	0.7	81
240	A Remote GATA2 Hematopoietic Enhancer Drives Leukemogenesis in inv(3)(q21;q26) by Activating EVI1 Expression. <i>Cancer Cell</i> , 2014, 25, 415-427.	7.7	194
241	Notch-Nrf2 Axis: Regulation of <i>Nrf2</i> Gene Expression and Cytoprotection by Notch Signaling. <i>Molecular and Cellular Biology</i> , 2014, 34, 653-663.	1.1	105
242	<i>GATA</i> factor switching from <i>GATA</i> 2 to <i>GATA</i> 1 contributes to erythroid differentiation. <i>Genes To Cells</i> , 2013, 18, 921-933.	0.5	62
243	Nrf2 Prevents Initiation but Accelerates Progression through the Kras Signaling Pathway during Lung Carcinogenesis. <i>Cancer Research</i> , 2013, 73, 4158-4168.	0.4	208
244	A mouse model of adult-onset anaemia due to erythropoietin deficiency. <i>Nature Communications</i> , 2013, 4, 1950.	5.8	68
245	Phosphorylation of p62 Activates the Keap1-Nrf2 Pathway during Selective Autophagy. <i>Molecular Cell</i> , 2013, 51, 618-631.	4.5	880
246	Targeting Nrf2-Mediated Gene Transcription by Extremely Potent Synthetic Triterpenoids Attenuate Dopaminergic Neurotoxicity in the MPTP Mouse Model of Parkinson's Disease. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 139-157.	2.5	150
247	The Nuclear Factor Erythroid-Related Factor 2 Activator Oltipraz Attenuates Chronic Hypoxia-Induced Cardiopulmonary Alterations in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 324-333.	1.4	54
248	Toward clinical application of the Keap1-Nrf2 pathway. <i>Trends in Pharmacological Sciences</i> , 2013, 34, 340-346.	4.0	564
249	Adipose Deficiency of <i>Nrf2</i> in <i>ob/ob</i> Mice Results in Severe Metabolic Syndrome. <i>Diabetes</i> , 2013, 62, 845-854.	0.3	141
250	Plasticity of Renal Erythropoietin-Producing Cells Governs Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 1599-1616.	3.0	160
251	Roles of Keap1-Nrf2 System in Upper Aerodigestive Tract Carcinogenesis. <i>Cancer Prevention Research</i> , 2013, 6, 149-159.	0.7	65
252	Regulatory Nexus of Synthesis and Degradation Deciphers Cellular Nrf2 Expression Levels. <i>Molecular and Cellular Biology</i> , 2013, 33, 2402-2412.	1.1	101



#	ARTICLE	IF	CITATIONS
253	NF-E2 p45 Is Important for Establishing Normal Function of Platelets. <i>Molecular and Cellular Biology</i> , 2013, 33, 2659-2670.	1.1	35
254	The Keap1-Nrf2 System Prevents Onset of Diabetes Mellitus. <i>Molecular and Cellular Biology</i> , 2013, 33, 2996-3010.	1.1	265
255	Roles Nrf2 Plays in Myeloid Cells and Related Disorders. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-7.	1.9	84
256	Effect of prenatal antioxidant sulforaphane on fetal transcriptomics in mice. <i>FASEB Journal</i> , 2013, 27, 1142.5.	0.2	1
257	NF-E2-Related Factor 1 (Nrf1) Serves as a Novel Regulator of Hepatic Lipid Metabolism through Regulation of the <i>Lipin1</i> and <i>PGC-1<math>\beta</math></i> Genes. <i>Molecular and Cellular Biology</i> , 2012, 32, 2760-2770.	1.1	89
258	Embryonic Lethality and Fetal Liver Apoptosis in Mice Lacking All Three Small Maf Proteins. <i>Molecular and Cellular Biology</i> , 2012, 32, 808-816.	1.1	55
259	N- and C-terminal Transactivation Domains of GATA1 Protein Coordinate Hematopoietic Program. <i>Journal of Biological Chemistry</i> , 2012, 287, 21439-21449.	1.6	28
260	Targeted Deletion of <i>Nrf2</i> Impairs Lung Development and Oxidant Injury in Neonatal Mice. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 1066-1082.	2.5	92
261	UG4 Enhancer-Driven GATA-2 and Bone Morphogenetic Protein 4 Complementation Remedies the CAKUT Phenotype in <i>Gata2</i> Hypomorphic Mutant Mice. <i>Molecular and Cellular Biology</i> , 2012, 32, 2312-2322.	1.1	19
262	Nrf2 MafG heterodimers contribute globally to antioxidant and metabolic networks. <i>Nucleic Acids Research</i> , 2012, 40, 10228-10239.	6.5	317
263	Keap1 degradation by autophagy for the maintenance of redox homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13561-13566.	3.3	394
264	Nrf2 inhibits hepatic iron accumulation and counteracts oxidative stress-induced liver injury in nutritional steatohepatitis. <i>Journal of Gastroenterology</i> , 2012, 47, 924-935.	2.3	67
265	Validation of the multiple sensor mechanism of the Keap1-Nrf2 system. <i>Free Radical Biology and Medicine</i> , 2012, 53, 817-827.	1.3	227
266	Nitric oxide and related enzymes in asthma: relation to severity, enzyme function and inflammation. <i>Clinical and Experimental Allergy</i> , 2012, 42, 760-768.	1.4	58
267	Nrf2 Redirects Glucose and Glutamine into Anabolic Pathways in Metabolic Reprogramming. <i>Cancer Cell</i> , 2012, 22, 66-79.	7.7	1,113
268	Nuclear factor erythroid-derived factor 2-related factor 2 regulates transcription of CCAAT/enhancer-binding protein $\beta$ during adipogenesis. <i>Free Radical Biology and Medicine</i> , 2012, 52, 462-472.	1.3	119
269	Indocyanine Green Angiography for Intra-operative Assessment in Vascular Surgery. <i>European Journal of Vascular and Endovascular Surgery</i> , 2012, 43, 426-432.	0.8	66
270	Accumulation of p62/SQSTM1 is associated with poor prognosis in patients with lung adenocarcinoma. <i>Cancer Science</i> , 2012, 103, 760-766.	1.7	177

#	ARTICLE	IF	CITATIONS
271	Persistent activation of Nrf2 through p62 in hepatocellular carcinoma cells. <i>Journal of Cell Biology</i> , 2011, 193, 275-284.	2.3	520
272	Initial Response and Cellular Protection through the Keap1/Nrf2 System during the Exposure of Primary Mouse Hepatocytes to 1,2-Naphthoquinone. <i>Chemical Research in Toxicology</i> , 2011, 24, 559-567.	1.7	52
273	NRF2 Mutation Confers Malignant Potential and Resistance to Chemoradiation Therapy in Advanced Esophageal Squamous Cancer. <i>Neoplasia</i> , 2011, 13, 864-IN26.	2.3	181
274	Molecular mechanisms of the Keap1-Nrf2 pathway in stress response and cancer evolution. <i>Genes To Cells</i> , 2011, 16, 123-140.	0.5	1,215
275	Central nervous system-specific deletion of transcription factor Nrf1 causes progressive motor neuronal dysfunction. <i>Genes To Cells</i> , 2011, 16, 692-703.	0.5	90
276	Disrupted erythropoietin signalling promotes obesity and alters hypothalamus proopiomelanocortin production. <i>Nature Communications</i> , 2011, 2, 520.	5.8	83
277	Molecular Determinants for Small Maf Protein Control of Platelet Production. <i>Molecular and Cellular Biology</i> , 2011, 31, 151-162.	1.1	15
278	Select Heterozygous Keap1 Mutations Have a Dominant-Negative Effect on Wild-Type Keap1 In Vivo. <i>Cancer Research</i> , 2011, 71, 1700-1709.	0.4	46
279	Dysfunction of fibroblasts of extrarenal origin underlies renal fibrosis and renal anemia in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 3981-3990.	3.9	307
280	Isothiocyanates Reduce Mercury Accumulation via an Nrf2-Dependent Mechanism during Exposure of Mice to Methylmercury. <i>Environmental Health Perspectives</i> , 2011, 119, 1117-1122.	2.8	90
281	GATA factor switching during erythroid differentiation. <i>Current Opinion in Hematology</i> , 2010, 17, 1.	1.2	72
282	NF-E2 domination over Nrf2 promotes ROS accumulation and megakaryocytic maturation. <i>Blood</i> , 2010, 115, 677-686.	0.6	84
283	Nrf2 regulates microglial dynamics and neuroinflammation in experimental Parkinson's disease. <i>Glia</i> , 2010, 58, 588-598.	2.5	301
284	The selective autophagy substrate p62 activates the stress responsive transcription factor Nrf2 through inactivation of Keap1. <i>Nature Cell Biology</i> , 2010, 12, 213-223.	4.6	1,933
285	Nrf2-deficiency creates a responsive microenvironment for metastasis to the lung. <i>Carcinogenesis</i> , 2010, 31, 1833-1843.	1.3	181
286	Regulation of Notch1 Signaling by Nrf2: Implications for Tissue Regeneration. <i>Science Signaling</i> , 2010, 3, ra52.	1.6	189
287	Ablation of the Transcription Factor Nrf2 Promotes Ischemia-Induced Neovascularization by Enhancing the Inflammatory Response. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1553-1561.	1.1	37
288	Genetic Analysis of Cytoprotective Functions Supported by Graded Expression of Keap1. <i>Molecular and Cellular Biology</i> , 2010, 30, 3016-3026.	1.1	198

#	ARTICLE	IF	CITATIONS
289	Genetic Analysis of Hierarchical Regulation for <i>Gata1</i> and <i>NF-E2 p45</i> Gene Expression in Megakaryopoiesis. <i>Molecular and Cellular Biology</i> , 2010, 30, 2668-2680.	1.1	31
290	Ubiquitin accumulation in autophagy-deficient mice is dependent on the Nrf2-mediated stress response pathway: a potential role for protein aggregation in autophagic substrate selection. <i>Journal of Cell Biology</i> , 2010, 191, 537-552.	2.3	156
291	Increased Susceptibility of Nrf2-Null Mice to 1-Bromopropane-Induced Hepatotoxicity. <i>Toxicological Sciences</i> , 2010, 115, 596-606.	1.4	48
292	Keap1 is a forked-stem dimer structure with two large spheres enclosing the intervening, double glycine repeat, and C-terminal domains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2842-2847.	3.3	199
293	Disruption of Nrf2 Impairs the Resolution of Hyperoxia-Induced Acute Lung Injury and Inflammation in Mice. <i>Journal of Immunology</i> , 2009, 182, 7264-7271.	0.4	144
294	Targeting Nrf2 with the triterpenoid CDDO-imidazolide attenuates cigarette smoke-induced emphysema and cardiac dysfunction in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 250-255.	3.3	318
295	Structural Basis of Alternative DNA Recognition by Maf Transcription Factors. <i>Molecular and Cellular Biology</i> , 2009, 29, 6232-6244.	1.1	75
296	The Triterpenoid CDDO-Imidazolide Confers Potent Protection against Hyperoxic Acute Lung Injury in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 867-874.	2.5	64
297	Genetic versus chemoprotective activation of Nrf2 signaling: overlapping yet distinct gene expression profiles between Keap1 knockout and triterpenoid-treated mice. <i>Carcinogenesis</i> , 2009, 30, 1024-1031.	1.3	243
298	Dietary Sulforaphane-Rich Broccoli Sprouts Reduce Colonization and Attenuate Gastritis in <i>Helicobacter pylori</i> -Infected Mice and Humans. <i>Cancer Prevention Research</i> , 2009, 2, 353-360.	0.7	228
299	Role of Nrf2 in prevention of high-fat diet-induced obesity by synthetic triterpenoid CDDO-Imidazolide. <i>European Journal of Pharmacology</i> , 2009, 620, 138-144.	1.7	248
300	The Antioxidant Defense System Keap1-Nrf2 Comprises a Multiple Sensing Mechanism for Responding to a Wide Range of Chemical Compounds. <i>Molecular and Cellular Biology</i> , 2009, 29, 493-502.	1.1	560
301	Reduced BMP4 abundance in <i>Gata2</i> hypomorphic mutant mice result in uropathies resembling human CAKUT. <i>Genes To Cells</i> , 2008, 13, 159-170.	0.5	32
302	Genetic Alteration of Keap1 Confers Constitutive Nrf2 Activation and Resistance to Chemotherapy in Gallbladder Cancer. <i>Gastroenterology</i> , 2008, 135, 1358-1368.e4.	0.6	424
303	Nrf2 regulates the alternative first exons of CD36 in macrophages through specific antioxidant response elements. <i>Archives of Biochemistry and Biophysics</i> , 2008, 477, 139-145.	1.4	83
304	Nrf1 and Nrf2 Play Distinct Roles in Activation of Antioxidant Response Element-dependent Genes. <i>Journal of Biological Chemistry</i> , 2008, 283, 33554-33562.	1.6	275
305	Loss of Keap1 Function Activates Nrf2 and Provides Advantages for Lung Cancer Cell Growth. <i>Cancer Research</i> , 2008, 68, 1303-1309.	0.4	559
306	Physiological Significance of Reactive Cysteine Residues of Keap1 in Determining Nrf2 Activity. <i>Molecular and Cellular Biology</i> , 2008, 28, 2758-2770.	1.1	441

#	ARTICLE	IF	CITATIONS
307	Deletion of the Selenocysteine tRNA Gene in Macrophages and Liver Results in Compensatory Gene Induction of Cytoprotective Enzymes by Nrf2. <i>Journal of Biological Chemistry</i> , 2008, 283, 2021-2030.	1.6	76
308	The Transcription Factor Nrf2 Is a Therapeutic Target against Brain Inflammation. <i>Journal of Immunology</i> , 2008, 181, 680-689.	0.4	424
309	Genetic or Pharmacologic Amplification of Nrf2 Signaling Inhibits Acute Inflammatory Liver Injury in Mice. <i>Toxicological Sciences</i> , 2008, 104, 218-227.	1.4	143
310	Cancer related mutations in <i>NRF2</i> impair its recognition by Keap1-Cul3 E3 ligase and promote malignancy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13568-13573.	3.3	634
311	Hepatocyte-Specific Deletion of Heme Oxygenase-1 Disrupts Redox Homeostasis in Basal and Oxidative Environments. <i>Tohoku Journal of Experimental Medicine</i> , 2008, 216, 331-339.	0.5	30
312	Genetic and Pharmacologic Evidence Links Oxidative Stress to Ventilator-induced Lung Injury in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 176, 1222-1235.	2.5	103
313	Pharmacodynamic characterization of chemopreventive triterpenoids as exceptionally potent inducers of Nrf2-regulated genes. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 154-162.	1.9	268
314	A Gata2 intronic enhancer confers its pan-endothelia-specific regulation. <i>Development (Cambridge)</i> , 2007, 134, 1703-1712.	1.2	89
315	GATA-1 Self-association Controls Erythroid Development in Vivo. <i>Journal of Biological Chemistry</i> , 2007, 282, 15862-15871.	1.6	26
316	Molecular Basis Distinguishing the DNA Binding Profile of Nrf2-Maf Heterodimer from That of Maf Homodimer. <i>Journal of Biological Chemistry</i> , 2007, 282, 33681-33690.	1.6	92
317	Different Electrostatic Potentials Define ETGE and DLG Motifs as Hinge and Latch in Oxidative Stress Response. <i>Molecular and Cellular Biology</i> , 2007, 27, 7511-7521.	1.1	370
318	Identification of Human GATA-2 Gene Distal IS Exon and Its Expression in Hematopoietic Stem Cell Fractions. <i>Journal of Biochemistry</i> , 2007, 141, 767-767.	0.9	0
319	Nrf2 Neh5 domain is differentially utilized in the transactivation of cytoprotective genes. <i>Biochemical Journal</i> , 2007, 404, 459-466.	1.7	87
320	Role of reactive oxygen species in modulation of Nrf2 following ischemic reperfusion injury. <i>Neuroscience</i> , 2007, 147, 53-59.	1.1	192
321	Cytoprotective role of Nrf2/Keap1 system in methylmercury toxicity. <i>Biochemical and Biophysical Research Communications</i> , 2007, 363, 645-650.	1.0	122
322	Homeostatic Levels of p62 Control Cytoplasmic Inclusion Body Formation in Autophagy-Deficient Mice. <i>Cell</i> , 2007, 131, 1149-1163.	13.5	1,925
323	Functional polymorphisms in the transcription factor NRF2 in humans increase the risk of acute lung injury. <i>FASEB Journal</i> , 2007, 21, 2237-2246.	0.2	325
324	NRF2 Modulates Aryl Hydrocarbon Receptor Signaling: Influence on Adipogenesis. <i>Molecular and Cellular Biology</i> , 2007, 27, 7188-7197.	1.1	283

#	ARTICLE	IF	CITATIONS
325	Oxidative and electrophilic stress induces multidrug resistance-associated protein transporters via the nuclear factor-E2-related factor-2 transcriptional pathway. <i>Hepatology</i> , 2007, 46, 1597-1610.	3.6	275
326	Subcellular localization and cytoplasmic complex status of endogenous Keap1. <i>Genes To Cells</i> , 2007, 12, 1163-1178.	0.5	116
327	Role of Nrf2 in protection against intracerebral hemorrhage injury in mice. <i>Free Radical Biology and Medicine</i> , 2007, 43, 408-414.	1.3	198
328	Bilirubin Oxidation Provoked by Nitric Oxide Radicals Predicts the Progression of Acute Cardiac Allograft Rejection. <i>American Journal of Transplantation</i> , 2007, 7, 1897-1906.	2.6	14
329	Combinatorial Gata2 and Sca1 expression defines hematopoietic stem cells in the bone marrow niche. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2202-2207.	3.3	100
330	Oxidative and Electrophilic Stresses Activate Nrf2 through Inhibition of Ubiquitination Activity of Keap1. <i>Molecular and Cellular Biology</i> , 2006, 26, 221-229.	1.1	775
331	Two-site substrate recognition model for the Keap1-Nrf2 system: a hinge and latch mechanism. <i>Biological Chemistry</i> , 2006, 387, 1311-20.	1.2	397
332	Hepatocyte-specific deletion of the keap1 gene activates Nrf2 and confers potent resistance against acute drug toxicity. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 79-88.	1.0	356
333	Nrf2-dependent protection from LPS induced inflammatory response and mortality by CDDO-Imidazolide. <i>Biochemical and Biophysical Research Communications</i> , 2006, 351, 883-889.	1.0	321
334	Structural Basis for Defects of Keap1 Activity Provoked by Its Point Mutations in Lung Cancer. <i>Molecular Cell</i> , 2006, 21, 689-700.	4.5	631
335	Predictive base substitution rules that determine the binding and transcriptional specificity of Maf recognition elements. <i>Genes To Cells</i> , 2006, 11, 575-591.	0.5	69
336	MafG Sumoylation Is Required for Active Transcriptional Repression. <i>Molecular and Cellular Biology</i> , 2006, 26, 4652-4663.	1.1	49
337	Keap1 Recruits Neh2 through Binding to ETGE and DLG Motifs: Characterization of the Two-Site Molecular Recognition Model. <i>Molecular and Cellular Biology</i> , 2006, 26, 2887-2900.	1.1	610
338	BRG1 Interacts with Nrf2 To Selectively Mediate HO-1 Induction in Response to Oxidative Stress. <i>Molecular and Cellular Biology</i> , 2006, 26, 7942-7952.	1.1	183
339	Dimerization of Substrate Adaptors Can Facilitate Cullin-mediated Ubiquitylation of Proteins by a $\alpha$ -Tethering Mechanism. <i>Journal of Biological Chemistry</i> , 2006, 281, 24756-24768.	1.6	422
340	Nrf2 is a critical regulator of the innate immune response and survival during experimental sepsis. <i>Journal of Clinical Investigation</i> , 2006, 116, 984-995.	3.9	874
341	Nrf2-deficient mice are highly susceptible to cigarette smoke-induced emphysema. <i>Genes To Cells</i> , 2005, 10, 1113-1125.	0.5	293
342	Differential Responses of the Nrf2-Keap1 System to Laminar and Oscillatory Shear Stresses in Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 27244-27250.	1.6	198

#	ARTICLE	IF	CITATIONS
343	Nrf2 Transcriptionally Activates the mafG Gene through an Antioxidant Response Element. <i>Journal of Biological Chemistry</i> , 2005, 280, 4483-4490.	1.6	94
344	Genetic Evidence that Small Maf Proteins Are Essential for the Activation of Antioxidant Response Element-Dependent Genes. <i>Molecular and Cellular Biology</i> , 2005, 25, 8044-8051.	1.1	250
345	Role of 15-Deoxy $\Delta^{12,14}$ Prostaglandin J <sub>2</sub> and Nrf2 Pathways in Protection against Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 1260-1266.	2.5	111
346	Constitutive Expression of Aryl Hydrocarbon Receptor in Keratinocytes Causes Inflammatory Skin Lesions. <i>Molecular and Cellular Biology</i> , 2005, 25, 9360-9368.	1.1	144
347	Transcription Factor Nrf2 Plays a Pivotal Role in Protection against Elastase-Induced Pulmonary Inflammation and Emphysema. <i>Journal of Immunology</i> , 2005, 175, 6968-6975.	0.4	219
348	Disruption of Nrf2 enhances susceptibility to severe airway inflammation and asthma in mice. <i>Journal of Experimental Medicine</i> , 2005, 202, 47-59.	4.2	529
349	Evolutionary conserved N-terminal domain of Nrf2 is essential for the Keap1-mediated degradation of the protein by proteasome. <i>Archives of Biochemistry and Biophysics</i> , 2005, 433, 342-350.	1.4	187
350	Transcription Factor Nrf2 Regulates Inflammation by Mediating the Effect of 15-Deoxy $\Delta^{12,14}$ -Prostaglandin J <sub>2</sub> . <i>Molecular and Cellular Biology</i> , 2004, 24, 36-45.	1.1	383
351	Genetic ablation of Nrf2 enhances susceptibility to cigarette smoke $\alpha$ -induced emphysema in mice. <i>Journal of Clinical Investigation</i> , 2004, 114, 1248-1259.	3.9	763
352	Protection against electrophile and oxidant stress by induction of the phase 2 response: Fate of cysteines of the Keap1 sensor modified by inducers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2040-2045.	3.3	895
353	Nrf2 Is Essential for the Chemopreventive Efficacy of Oltipraz against Urinary Bladder Carcinogenesis. <i>Cancer Research</i> , 2004, 64, 6424-6431.	0.4	325
354	Small Maf proteins serve as transcriptional cofactors for keratinocyte differentiation in the Keap1-Nrf2 regulatory pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6379-6384.	3.3	293
355	Redox-regulated Turnover of Nrf2 Is Determined by at Least Two Separate Protein Domains, the Redox-sensitive Neh2 Degron and the Redox-insensitive Neh6 Degron. <i>Journal of Biological Chemistry</i> , 2004, 279, 31556-31567.	1.6	336
356	Scaffolding of Keap1 to the actin cytoskeleton controls the function of Nrf2 as key regulator of cytoprotective phase 2 genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2046-2051.	3.3	466
357	Elevated IgG4 concentrations in serum of patients with Mikulicz's disease. <i>Scandinavian Journal of Rheumatology</i> , 2004, 33, 432-433.	0.6	195
358	Oxidative Stress Sensor Keap1 Functions as an Adaptor for Cul3-Based E3 Ligase To Regulate Proteasomal Degradation of Nrf2. <i>Molecular and Cellular Biology</i> , 2004, 24, 7130-7139.	1.1	1,878
359	The transcription factor NRF2 protects against pulmonary fibrosis. <i>FASEB Journal</i> , 2004, 18, 1258-1260.	0.2	320
360	Identification of polymorphisms in the promoter region of the human NRF2 gene. <i>Biochemical and Biophysical Research Communications</i> , 2004, 321, 72-79.	1.0	122



#	ARTICLE	IF	CITATIONS
361	Nrf2â€œKeap1 defines a physiologically important stress response mechanism. Trends in Molecular Medicine, 2004, 10, 549-557.	3.5	1,529
362	Genetic ablation of Nrf2 enhances susceptibility to cigarette smokeâ€œinduced emphysema in mice. Journal of Clinical Investigation, 2004, 114, 1248-1259.	3.9	535
363	Keap1 regulates both cytoplasmic-nuclear shuttling and degradation of Nrf2 in response to electrophiles. Genes To Cells, 2003, 8, 379-391.	0.5	698
364	Keap1-null mutation leads to postnatal lethality due to constitutive Nrf2 activation. Nature Genetics, 2003, 35, 238-245.	9.4	782
365	Transcription factor Nrf2 is required for the constitutive and inducible expression of multidrug resistance-associated protein1 in mouse embryo fibroblasts. Biochemical and Biophysical Research Communications, 2003, 310, 824-829.	1.0	247
366	Interactive effects of nrf2 genotype and oltipraz on benzo[a]pyrene-DNA adducts and tumor yield in mice. Carcinogenesis, 2003, 24, 461-467.	1.3	169
367	Antioxidants Enhance Mammalian Proteasome Expression through the Keap1-Nrf2 Signaling Pathway. Molecular and Cellular Biology, 2003, 23, 8786-8794.	1.1	446
368	Small Maf Compound Mutants Display Central Nervous System Neuronal Degeneration, Aberrant Transcription, and Bach Protein Mislocalization Coincident with Myoclonus and Abnormal Startle Response. Molecular and Cellular Biology, 2003, 23, 1163-1174.	1.1	46
369	Modulation of Gene Expression by Cancer Chemopreventive Dithiolethiones through the Keap1-Nrf2 Pathway. Journal of Biological Chemistry, 2003, 278, 8135-8145.	1.6	611
370	Keap1-dependent Proteasomal Degradation of Transcription Factor Nrf2 Contributes to the Negative Regulation of Antioxidant Response Element-driven Gene Expression. Journal of Biological Chemistry, 2003, 278, 21592-21600.	1.6	963
371	Role of NRF2 in Protection Against Hyperoxic Lung Injury in Mice. American Journal of Respiratory Cell and Molecular Biology, 2002, 26, 175-182.	1.4	626
372	Direct evidence that sulfhydryl groups of Keap1 are the sensors regulating induction of phase 2 enzymes that protect against carcinogens and oxidants. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11908-11913.	3.3	1,719
373	Loss of the Nrf2 transcription factor causes a marked reduction in constitutive and inducible expression of the glutathione S-transferase Gsta1, Gsta2, Gstm1, Gstm2, Gstm3 and Gstm4 genes in the livers of male and female mice. Biochemical Journal, 2002, 365, 405-416.	1.7	399
374	Electrophile Response Element-mediated Induction of the Cystine/Glutamate Exchange Transporter Gene Expression. Journal of Biological Chemistry, 2002, 277, 44765-44771.	1.6	443
375	Enhanced Expression of the Transcription Factor Nrf2 by Cancer Chemopreventive Agents: Role of Antioxidant Response Element-Like Sequences in the nrf2 Promoter. Molecular and Cellular Biology, 2002, 22, 2883-2892.	1.1	527
376	Roles of Hematopoietic Transcription Factors GATA-1 and GATA-2 in the Development of Red Blood Cell Lineage. Acta Haematologica, 2002, 108, 237-245.	0.7	160
377	Integration and diversity of the regulatory network composed of Maf and CNC families of transcription factors. Gene, 2002, 294, 1-12.	1.0	412
378	Identification of the interactive interface and phylogenic conservation of the Nrf2-Keap1 system. Genes To Cells, 2002, 7, 807-820.	0.5	298



#	ARTICLE	IF	CITATIONS
379	Solution structure of the DNA-binding domain of MafG. <i>Nature Structural Biology</i> , 2002, 9, 252-256.	9.7	42
380	Hemoprotein Bach1 regulates enhancer availability of heme oxygenase-1 gene. <i>EMBO Journal</i> , 2002, 21, 5216-5224.	3.5	567
381	Identification of Nrf2-regulated genes induced by the chemopreventive agent sulforaphane by oligonucleotide microarray. <i>Cancer Research</i> , 2002, 62, 5196-203.	0.4	947
382	High Sensitivity of Nrf2 Knockout Mice to Acetaminophen Hepatotoxicity Associated with Decreased Expression of ARE-Regulated Drug Metabolizing Enzymes and Antioxidant Genes. <i>Toxicological Sciences</i> , 2001, 59, 169-177.	1.4	663
383	Role of Transcription Factor Nrf2 in the Induction of Hepatic Phase 2 and Antioxidative Enzymes in vivo by the Cancer Chemoprotective Agent, 3H-1, 2-Dithiole-3-thione. <i>Molecular Medicine</i> , 2001, 7, 135-145.	1.9	317
384	Nrf2-deficient female mice develop lupus-like autoimmune nephritis. See Editorial by Byrd and Thomas, p. 1606.. <i>Kidney International</i> , 2001, 60, 1343-1353.	2.6	313
385	Two domains of Nrf2 cooperatively bind CBP, a CREB binding protein, and synergistically activate transcription. <i>Genes To Cells</i> , 2001, 6, 857-868.	0.5	415
386	Constitutive expression of the 27-kDa heat-shock protein in neurons and satellite cells in the peripheral nervous system of the rat. <i>The Anatomical Record</i> , 2001, 262, 213-220.	2.3	18
387	Accelerated DNA Adduct Formation in the Lung of the Nrf2 Knockout Mouse Exposed to Diesel Exhaust. <i>Toxicology and Applied Pharmacology</i> , 2001, 173, 154-160.	1.3	275
388	Heme mediates derepression of Maf recognition element through direct binding to transcription repressor Bach1. <i>EMBO Journal</i> , 2001, 20, 2835-2843.	3.5	448
389	Visualization of elementary mechanosensitive Ca <sup>2+</sup> influx events, Ca <sup>2+</sup> spots, in bovine lens epithelial cells. <i>Journal of Physiology</i> , 2001, 532, 31-42.	1.3	13
390	Sensitivity to carcinogenesis is increased and chemoprotective efficacy of enzyme inducers is lost in nrf2 transcription factor-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 3410-3415.	3.3	1,036
391	Role of transcription factor Nrf2 in the induction of hepatic phase 2 and antioxidative enzymes in vivo by the cancer chemoprotective agent, 3H-1, 2-dimethiole-3-thione. <i>Molecular Medicine</i> , 2001, 7, 135-45.	1.9	118
392	Dynamic changes in microtubule organization during division of the primitive dinoflagellate <i>Oxyrrhis marina</i> . <i>Biology of the Cell</i> , 2000, 92, 583-594.	0.7	17
393	Perinatal synthetic lethality and hematopoietic defects in compound mafG::mafK mutant mice. <i>EMBO Journal</i> , 2000, 19, 1335-1345.	3.5	78
394	Positive or Negative MARE-Dependent Transcriptional Regulation Is Determined by the Abundance of Small Maf Proteins. <i>Cell</i> , 2000, 103, 865-876.	13.5	136
395	Transcription Factor Nrf2 Coordinately Regulates a Group of Oxidative Stress-inducible Genes in Macrophages. <i>Journal of Biological Chemistry</i> , 2000, 275, 16023-16029.	1.6	1,297
396	GATA2 is required for the generation of V2 interneurons. <i>Development (Cambridge)</i> , 2000, 127, 3829-3838.	1.2	114

#	ARTICLE	IF	CITATIONS
397	The Mouse GATA-2 Gene is Expressed in the Para-Aortic Splanchnopleura and Aorta-Gonads and Mesonephros Region. <i>Blood</i> , 1999, 93, 4196-4207.	0.6	102
398	Characterization of the Murine mafF Gene. <i>Journal of Biological Chemistry</i> , 1999, 274, 21162-21169.	1.6	51
399	Molecular Cloning and Functional Characterization of a New Cap'n' Collar Family Transcription Factor Nrf3. <i>Journal of Biological Chemistry</i> , 1999, 274, 6443-6452.	1.6	254
400	Metabolic abnormalities in the genetically obese and diabetic Otsuka Long-Evans Tokushima fatty rat can be prevented and reversed by Î±-glucosidase inhibitor. <i>Metabolism: Clinical and Experimental</i> , 1999, 48, 347-354.	1.5	36
401	Keap1 represses nuclear activation of antioxidant responsive elements by Nrf2 through binding to the amino-terminal Neh2 domain. <i>Genes and Development</i> , 1999, 13, 76-86.	2.7	3,000
402	Atypical decubital fibroplasia in a young patient with meiorheostosis. <i>Pathology International</i> , 1998, 48, 160-163.	0.6	15
403	Identification of Bach2 as a B-cell-specific partner for small Maf proteins that negatively regulate the immunoglobulin heavy chain gene 3' enhancer. <i>EMBO Journal</i> , 1998, 17, 5734-5743.	3.5	162
404	Regulation of NF-E2 Activity in Erythroleukemia Cell Differentiation. <i>Journal of Biological Chemistry</i> , 1998, 273, 5358-5365.	1.6	67
405	Alternative Promoters Regulate Transcription of the Mouse GATA-2 Gene. <i>Journal of Biological Chemistry</i> , 1998, 273, 3625-3634.	1.6	99
406	Impaired megakaryopoiesis and behavioral defects in <i>mafG</i> -null mutant mice. <i>Genes and Development</i> , 1998, 12, 2164-2174.	2.7	98
407	CCK-, secretin-, and cholinergic-independent pancreatic fluid hypersecretion in protease inhibitor-treated rats. <i>American Journal of Physiology - Renal Physiology</i> , 1998, 274, G406-G412.	1.6	5
408	The world according to Maf. <i>Nucleic Acids Research</i> , 1997, 25, 2953-2959.	6.5	248
409	Analysis of Localization of Adult T-cell Leukemia-derived Factor in the Transient Ischemic Rat Retina After Treatment with OP-1206 Î±-CD, a Prostaglandin E <sub>1</sub> Analogue. <i>Journal of Histochemistry and Cytochemistry</i> , 1997, 45, 63-70.	1.3	13
410	An Nrf2/Small Maf Heterodimer Mediates the Induction of Phase II Detoxifying Enzyme Genes through Antioxidant Response Elements. <i>Biochemical and Biophysical Research Communications</i> , 1997, 236, 313-322.	1.0	3,495
411	Induction of Human Thioredoxin in Cultured Human Retinal Pigment Epithelial Cells through Cyclic AMP-dependent Pathway; Involvement in the Cytoprotective Activity of Prostaglandin E1. <i>Experimental Eye Research</i> , 1997, 65, 645-652.	1.2	35
412	Ca <sup>2+</sup> /CaM-sensitive adenylyl cyclase activity is decreased in the Alzheimer's brain: Possible relation to type I adenylyl cyclase. <i>Journal of Neural Transmission</i> , 1997, 104, 721-732.	1.4	37
413	Factor IX inhibition and epitope localization of factor IX inhibitor antibodies in haemophilia B patients with anaphylactoid reactions. <i>Haemophilia</i> , 1997, 3, 189-193.	1.0	3
414	Perforated diverticulum of the transverse colon. <i>American Journal of Gastroenterology</i> , 1997, 92, 1567-9.	0.2	8

#	ARTICLE	IF	CITATIONS
415	Reduced immunoreactivity of adenylyl cyclase in dementia of the Alzheimer type. <i>NeuroReport</i> , 1996, 7, 2965-2970.	0.6	37
416	Pancreatic cancer and hypercalcemia associated with von Recklinghausen's disease. <i>Journal of Gastroenterology</i> , 1996, 31, 728-731.	2.3	12
417	Mesodermal- vs. neuronal-specific expression of MafK is elicited by different promoters. <i>Genes To Cells</i> , 1996, 1, 223-238.	0.5	40
418	Bach Proteins Belong to a Novel Family of BTB-Basic Leucine Zipper Transcription Factors That Interact with MafK and Regulate Transcription through the NF-E2 Site. <i>Molecular and Cellular Biology</i> , 1996, 16, 6083-6095.	1.1	573
419	Cloning and Characterization of a Novel Erythroid Cell-Derived CNC Family Transcription Factor Heterodimerizing with the Small Maf Family Proteins. <i>Molecular and Cellular Biology</i> , 1995, 15, 4184-4193.	1.1	395
420	[3H]9-Methyl-7-bromoeudistomin D, a caffeine-like powerful Ca <sup>2+</sup> releaser, binds to caffeine-binding sites distinct from the ryanodine receptors in brain microsomes. <i>FEBS Letters</i> , 1995, 373, 250-254.	1.3	8
421	Evaluation of Hearing Recovery in Patients with Sudden Deafness. <i>Acta Oto-Laryngologica</i> , 1994, 114, 37-40.	0.3	18
422	Ventriculoscope-guided ventriculoperitoneal shunt and shunt revision. <i>Acta Neurochirurgica</i> , 1994, 129, 85-88.	0.9	13
423	Regulation of transcription by dimerization of erythroid factor NF-E2 p45 with small Maf proteins. <i>Nature</i> , 1994, 367, 568-572.	13.7	428
424	Hearing Recovery and Vestibular Symptoms in Patients with Sudden Deafness and Profound Hearing Loss. <i>Acta Oto-Laryngologica</i> , 1994, 114, 41-44.	0.3	14
425	Erythroid transcription factor GATA-1 is abundantly transcribed in mouse testis. <i>Nature</i> , 1993, 362, 466-468.	13.7	296
426	Neurological Findings in Patients with Acute Mumps Deafness. <i>Acta Oto-Laryngologica</i> , 1993, 113, 94-97.	0.3	7
427	Intracranial Cavernous Angioma Manifesting as Subarachnoid Hemorrhage "Case Report". <i>Neurologia Medico-Chirurgica</i> , 1993, 33, 706-709.	1.0	18
428	Nerve growth factor receptor (NGFR)-like immunoreactivity in the perineurial cell in normal and sectioned peripheral nerves of rats. <i>The Anatomical Record</i> , 1992, 233, 301-308.	2.3	24
429	Transient appearance of immunoreactivity for ca-binding protein (spot 35-calbindin) in small principal neurons in the superior cervical ganglion of pre-weanling rats. <i>Journal of the Autonomic Nervous System</i> , 1991, 35, 25-31.	1.9	8
430	Psychological aspects of psychogenic deafness in children. <i>International Journal of Pediatric Otorhinolaryngology</i> , 1991, 21, 113-120.	0.4	14
431	Expression of immunoreactivity for Ca-binding protein, spot 35 in the interstitial cell of the rat pineal organ. <i>The Histochemical Journal</i> , 1990, 22, 4-10.	0.6	18
432	Treatment of platelet-alloimmunization with cyclosporin a in a patient with aplastic anemia. <i>American Journal of Hematology</i> , 1990, 33, 220-221.	2.0	4

#	ARTICLE	IF	CITATIONS
433	Activity and tissue-specific expression of the transcription factor NF-E1 multigene family.. Genes and Development, 1990, 4, 1650-1662.	2.7	601
434	Gene expression of a neuronal growth-associated protein, GAP-43, in the paraganglionic carotid body as well as in the autonomic ganglia of normal adult rats. Neuroscience Letters, 1990, 117, 275-279.	1.0	12
435	Calcitonin gene-related peptide (CGRP)-immunoreactive nerve varicosities in synaptic contact with sensory neurons in the trigeminal ganglion of rats. Neuroscience Letters, 1989, 104, 253-257.	1.0	21
436	Immunohistochemical demonstration of tyrosine hydroxylase, serotonin and neuropeptide tyrosine in the epithelioid cells within arterial walls and carotid bodies of chicks. Journal of Anatomy, 1989, 167, 137-46.	0.9	7
437	Specific phosphorylation of 22-kD proteins by various inducers for granuloid differentiation in myeloid leukemic cells. Leukemia Research, 1988, 12, 71-80.	0.4	10
438	Effect of Electric Stimulation of the Celiac Vagus on Gastric Acid Secretion and Plasma Concentrations of Somatostatin and Gastrin in the Portal and Gastroepiploic Veins of Dogs. Scandinavian Journal of Gastroenterology, 1988, 23, 1109-1116.	0.6	4
439	Occurrence of a Dense Plexus of Sensory Nerve Fibers Immunoreactive to Calcitonin-Gene-Related Peptide in the Cauda epididymidis of Rats. Cells Tissues Organs, 1988, 132, 169-176.	1.3	7
440	Differential localization of rabbit's flocculus Purkinje cells projecting to the medial and superior vestibular nuclei, investigated by means of the horseradish peroxidase retrograde axonal transport. Neuroscience Letters, 1977, 5, 279-283.	1.0	66
441	47. Prolonged Cerebral Circulatory Interruption under Extremely Profounded Regional Hypothermia by means of Isolated Cerebral Vascular Irrigation. Neurologia Medico-Chirurgica, 1962, 4, 179a-179.	1.0	0
442	Molecular Mechanism of Cellular Oxidative Stress Sensing by Keap1. SSRN Electronic Journal, 0, , .	0.4	0