

Tomoko Kawai

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

2,437
citations

24
h-index

48
g-index

72
ext. papers

2,725
ext. citations

5.6
avg, IF

4.18
L-index

#	Paper	IF	Citations
65	Concurrent versus individual binding of HuR and AUF1 to common labile target mRNAs. <i>EMBO Journal</i> , 2004 , 23, 3092-102	13	403
64	Impaired insulin signaling in endothelial cells reduces insulin-induced glucose uptake by skeletal muscle. <i>Cell Metabolism</i> , 2011 , 13, 294-307	24.6	298
63	Translational control of cytochrome c by RNA-binding proteins TIA-1 and HuR. <i>Molecular and Cellular Biology</i> , 2006 , 26, 3295-307	4.8	162
62	Antiapoptotic function of RNA-binding protein HuR effected through prothymosin alpha. <i>EMBO Journal</i> , 2005 , 24, 1852-62	13	141
61	Translational repression by RNA-binding protein TIAR. <i>Molecular and Cellular Biology</i> , 2006 , 26, 2716-27	4.8	119
60	AMP-activated protein kinase-regulated phosphorylation and acetylation of importin alpha1: involvement in the nuclear import of RNA-binding protein HuR. <i>Journal of Biological Chemistry</i> , 2004 , 279, 48376-88	5.4	102
59	Posttranscriptional derepression of GADD45alpha by genotoxic stress. <i>Molecular Cell</i> , 2006 , 22, 117-28	17.6	82
58	Global mRNA stabilization preferentially linked to translational repression during the endoplasmic reticulum stress response. <i>Molecular and Cellular Biology</i> , 2004 , 24, 6773-87	4.8	72
57	Evidence for cancer-associated expression of NADPH oxidase 1 (Nox1)-based oxidase system in the human stomach. <i>Free Radical Biology and Medicine</i> , 2007 , 43, 1627-38	7.8	60
56	Enhanced proliferation of cultured human vascular smooth muscle cells linked to increased function of RNA-binding protein HuR. <i>Journal of Biological Chemistry</i> , 2005 , 280, 22819-26	5.4	57
55	Tumor necrosis factor alpha activates transcription of the NADPH oxidase organizer 1 (NOXO1) gene and upregulates superoxide production in colon epithelial cells. <i>Free Radical Biology and Medicine</i> , 2008 , 45, 1642-52	7.8	54
54	Changes in behavior and gene expression induced by caloric restriction in C57BL/6 mice. <i>Physiological Genomics</i> , 2009 , 39, 227-35	3.6	49
53	Interleukin 10 inhibits interferon gamma- and tumor necrosis factor alpha-stimulated activation of NADPH oxidase 1 in human colonic epithelial cells and the mouse colon. <i>Journal of Gastroenterology</i> , 2009 , 44, 1172-84	6.9	48
52	Autism-associated gene expression in peripheral leucocytes commonly observed between subjects with autism and healthy women having autistic children. <i>PLoS ONE</i> , 2011 , 6, e24723	3.7	48
51	Identification of marker genes for differential diagnosis of chronic fatigue syndrome. <i>Molecular Medicine</i> , 2008 , 14, 599-607	6.2	47
50	Bezafibrate, a peroxisome proliferator-activated receptors agonist, decreases body temperature and enhances electroencephalogram delta-oscillation during sleep in mice. <i>Endocrinology</i> , 2008 , 149, 5262-71	4.8	46
49	Receptor activator of nuclear factor-kappaB ligand-induced mouse osteoclast differentiation is associated with switching between NADPH oxidase homologues. <i>Free Radical Biology and Medicine</i> , 2009 , 47, 189-99	7.8	41

48	Geranylgeranylacetone stimulates mucin synthesis in cultured guinea pig gastric pit cells by inducing a neuronal nitric oxide synthase. <i>Journal of Gastroenterology</i> , 2000 , 35, 673-81	6.9	38
47	DNA methylation analysis of human myoblasts during in vitro myogenic differentiation: de novo methylation of promoters of muscle-related genes and its involvement in transcriptional down-regulation. <i>Human Molecular Genetics</i> , 2015 , 24, 410-23	5.6	37
46	Gene expression signature in peripheral blood cells from medical students exposed to chronic psychological stress. <i>Biological Psychology</i> , 2007 , 76, 147-55	3.2	32
45	Oxidative stress-induced alternative splicing of transformer 2beta (SFRS10) and CD44 pre-mRNAs in gastric epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2009 , 297, C330-8	5.4	29
44	Daily intake of Lactobacillus gasseri CP2305 improves mental, physical, and sleep quality among Japanese medical students enrolled in a cadaver dissection course. <i>Journal of Functional Foods</i> , 2017 , 31, 188-197	5.1	26
43	Circulating vascular endothelial growth factor is independently and negatively associated with trait anxiety and depressive mood in healthy Japanese university students. <i>International Journal of Psychophysiology</i> , 2011 , 81, 38-43	2.9	26
42	Glutathione depletion inhibits oxidant-induced activation of nuclear factor-kappa B, AP-1, and c-Jun/ATF-2 in cultured guinea-pig gastric epithelial cells. <i>Journal of Gastroenterology</i> , 1998 , 33, 646-55	6.9	26
41	Clonal Expansion of Second-Hit Cells with Somatic Recombinations or C>T Transitions Form Porokeratosis in MVD or MVK Mutant Heterozygotes. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 2458-2466.e9	4.3	23
40	Gene expression signatures in peripheral blood cells from Japanese women exposed to environmental cadmium. <i>Toxicology</i> , 2009 , 257, 25-32	4.4	23
39	Identification of G-quadruplex clusters by high-throughput sequencing of whole-genome amplified products with a G-quadruplex ligand. <i>Scientific Reports</i> , 2018 , 8, 3116	4.9	22
38	Brief naturalistic stress induces an alternative splice variant of SMG-1 lacking exon 63 in peripheral leukocytes. <i>Neuroscience Letters</i> , 2010 , 484, 128-32	3.3	22
37	Effects of chronic academic stress on mental state and expression of glucocorticoid receptor α and β isoforms in healthy Japanese medical students. <i>Stress</i> , 2011 , 14, 431-8	3	18
36	Physical exercise-associated gene expression signatures in peripheral blood. <i>Clinical Journal of Sport Medicine</i> , 2007 , 17, 375-83	3.2	18
35	Increased epigenetic alterations at the promoters of transcriptional regulators following inadequate maternal gestational weight gain. <i>Scientific Reports</i> , 2015 , 5, 14224	4.9	16
34	Mitogen-activated protein kinase kinase 4/c-Jun NH2-terminal kinase kinase 1 protein expression is subject to translational regulation in prostate cancer cell lines. <i>Molecular Cancer Research</i> , 2008 , 6, 501-8	6.6	15
33	A non-toxic heat shock protein 70 inducer, geranyl-geranyl-acetone, restores the heat shock response in gastric mucosa of protein-malnourished rats. <i>Translational Research</i> , 2000 , 136, 138-48		15
32	Integrated Molecular Characterization of the Lethal Pediatric Cancer Pancreatoblastoma. <i>Cancer Research</i> , 2018 , 78, 865-876	10.1	15
31	A novel tumor-promoting function residing in the 5'non-coding region of vascular endothelial growth factor mRNA. <i>PLoS Medicine</i> , 2008 , 5, e94	11.6	14

30	Interleukin-18 is a crucial determinant of vulnerability of the mouse rectum to psychosocial stress. <i>FASEB Journal</i> , 2009 , 23, 1797-805	0.9	13
29	En masse nascent transcription analysis to elucidate regulatory transcription factors. <i>Nucleic Acids Research</i> , 2006 , 34, 1492-500	20.1	13
28	Phenylarsine oxide inhibits heat shock protein 70 induction in cultured guinea pig gastric mucosal cells. <i>American Journal of Physiology - Cell Physiology</i> , 2000 , 279, C1506-15	5.4	13
27	High-throughput screening of brief naturalistic stress-responsive cytokines in university students taking examinations. <i>International Journal of Psychophysiology</i> , 2010 , 77, 135-40	2.9	12
26	Interleukin-18 deficiency reduces neuropeptide gene expressions in the mouse amygdala related with behavioral change. <i>Journal of Neuroimmunology</i> , 2010 , 229, 129-39	3.5	12
25	Integrated multiomics analysis of hepatoblastoma unravels its heterogeneity and provides novel druggable targets. <i>Npj Precision Oncology</i> , 2020 , 4, 20	9.8	11
24	En masse analysis of nascent translation using microarrays. <i>BioTechniques</i> , 2005 , 39, 61-2, 64, 66-7	2.5	10
23	The DNA methylation profile of liver tumors in C3H mice and identification of differentially methylated regions involved in the regulation of tumorigenic genes. <i>BMC Cancer</i> , 2018 , 18, 317	4.8	9
22	Whole body hyperthermia selectively induces heat shock protein 72 in neurons of the rat spinal cord. <i>Neuroscience Letters</i> , 1998 , 258, 151-4	3.3	9
21	Integrated genetic and epigenetic analysis revealed heterogeneity of acute lymphoblastic leukemia in Down syndrome. <i>Cancer Science</i> , 2019 , 110, 3358-3367	6.9	8
20	DNA methylation-based classification reveals difference between pediatric T-cell acute lymphoblastic leukemia and normal thymocytes. <i>Leukemia</i> , 2020 , 34, 1163-1168	10.7	8
19	Epitranscriptomic profiling in human placenta: N6-methyladenosine modification at the 5' untranslated region is related to fetal growth and preeclampsia. <i>FASEB Journal</i> , 2020 , 34, 494-512	0.9	8
18	Molecular mechanisms of transcriptional regulation by the nuclear zinc-finger protein Zfat in T cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016 , 1859, 1398-1410	6	7
17	Lists of HumanMethylation450 BeadChip probes with nucleotide-variant information obtained from the Phase 3 data of the 1000 Genomes Project. <i>Genomics Data</i> , 2016 , 7, 67-9		7
16	PARENTAL REARING ATTITUDES AND HEALTH-RELATED LIFESTYLE OF UNIVERSITY STUDENTS. <i>Social Behavior and Personality</i> , 2008 , 36, 551-558	1.2	7
15	Gene expression profiling of white adipose tissue reveals paternal transmission of proneness to obesity. <i>Scientific Reports</i> , 2016 , 6, 21693	4.9	6
14	Novel SIN3A mutation identified in a Japanese patient with Witteveen-Kolk syndrome. <i>European Journal of Medical Genetics</i> , 2019 , 62, 103547	2.6	6
13	Adverse parenting is associated with blunted salivary cortisol awakening response and altered expression of glucocorticoid receptor and α -adrenergic receptor mRNAs in leukocytes in Japanese medical students. <i>Stress</i> , 2017 , 20, 159-166	3	5

12	Placental Development and Nutritional Environment. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1012, 63-73	3.6	5
11	DNA methylation changes involved in the tumor increase in F2 males born to gestationally arsenite-exposed F1 male mice. <i>Cancer Science</i> , 2019 , 110, 2629-2642	6.9	5
10	Associations between chronotype and salivary endocrinological stress markers. <i>Endocrine Research</i> , 2013 , 38, 1-7	1.9	4
9	Identification of ultraviolet B-sensitive genes in human peripheral blood cells. <i>Journal of Medical Investigation</i> , 2008 , 55, 204-10	1.2	3
8	Comprehensive genetic analysis of pediatric germ cell tumors identifies potential drug targets. <i>Communications Biology</i> , 2020 , 3, 544	6.7	3
7	Combined treatment with low-dose pioglitazone and beraprost sodium improves glucose intolerance without causing body weight gain. <i>Diabetology International</i> , 2013 , 4, 226-232	2.3	2
6	Human cytomegalovirus downregulates SLITRK6 expression through IE2. <i>Journal of NeuroVirology</i> , 2017 , 23, 79-86	3.9	2
5	Association of allele-specific methylation of the ASNS gene with asparaginase sensitivity and prognosis in T-ALL. <i>Blood Advances</i> , 2021 ,	7.8	2
4	A novel splice site variant in a young male exhibiting less pronounced features. <i>Human Genome Variation</i> , 2019 , 6, 43	1.8	1
3	Gene expression and DNA methylation changes in BeWo cells dependent on tumor necrosis factor- α and insulin-like growth factor-I. <i>Human Cell</i> , 2020 , 33, 37-46	4.5	1
2	Frequent FGFR3 and Ras Gene Mutations in Skin Tags or Acrochordons. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 2756-2760.e8	4.3	1
1	Epigenetic Changes in Neonates Born to Mothers With Gestational Diabetes Mellitus May Be Associated With Neonatal Hypoglycaemia. <i>Frontiers in Endocrinology</i> , 2021 , 12, 690648	5.7	0