H Sunny Sun

List of Publications by Year in descending order

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117453 114278 4,570 123 34 63 h-index citations g-index papers 127 127 127 6751 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Noncoding Effects of Circular RNA CCDC66 Promote Colon Cancer Growth and Metastasis. Cancer Research, 2017, 77, 2339-2350.	0.4	538
2	Circular RNA – New member of noncoding RNA with novel functions. Experimental Biology and Medicine, 2017, 242, 1136-1141.	1.1	340
3	A medium-density genetic linkage map of the bovine genome. Mammalian Genome, 1997, 8, 21-28.	1.0	313
4	Identification of Medically Important Yeast Species by Sequence Analysis of the Internal Transcribed Spacer Regions. Journal of Clinical Microbiology, 2006, 44, 693-699.	1.8	275
5	Regulation of Steroidogenic Acute Regulatory Protein Expression and Progesterone Production in Endometriotic Stromal Cells. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 5765-5773.	1.8	131
6	<i>In silico</i> identification of oncogenic potential of fyn-related kinase in hepatocellular carcinoma. Bioinformatics, 2013, 29, 420-427.	1.8	113
7	Association of Functional Polymorphisms of the Human Tryptophan Hydroxylase 2 Gene With Risk for Bipolar Disorder in Han Chinese. Archives of General Psychiatry, 2007, 64, 1015.	13.8	110
8	Transactivation of Steroidogenic Acute Regulatory Protein in Human Endometriotic Stromal Cells Is Mediated by the Prostaglandin EP2 Receptor. Endocrinology, 2003, 144, 3934-3942.	1.4	102
9	Distinct mechanisms regulate cyclooxygenase-1 and -2 in peritoneal macrophages of women with and without endometriosis. Molecular Human Reproduction, 2002, 8, 1103-1110.	1.3	96
10	Targeted Methylation of Two Tumor Suppressor Genes Is Sufficient to Transform Mesenchymal Stem Cells into Cancer Stem/Initiating Cells. Cancer Research, 2011, 71, 4653-4663.	0.4	91
11	Association study of novel human serotonin 5-HT1B polymorphisms with alcohol dependence in taiwanese han. Biological Psychiatry, 2002, 51, 896-901.	0.7	83
12	Transcriptional repression of human cad gene by hypoxia inducible factor-1Â. Nucleic Acids Research, 2005, 33, 5190-5198.	6.5	77
13	Detection of putative periodontal pathogens in non-insulin-dependent diabetes mellitus and non-diabetes mellitus by polymerase chain reaction. Journal of Periodontal Research, 2001, 36, 18-24.	1.4	71
14	The oncometabolite R-2-hydroxyglutarate activates NF-κB-dependent tumor-promoting stromal niche for acute myeloid leukemia cells. Scientific Reports, 2016, 6, 32428.	1.6	68
15	The role of HGF-MET pathway and CCDC66 cirRNA expression in EGFR resistance and epithelial-to-mesenchymal transition of lung adenocarcinoma cells. Journal of Hematology and Oncology, 2018, 11, 74.	6.9	60
16	Targeting TYRO3 inhibits epithelial–mesenchymal transition and increases drug sensitivity in colon cancer. Oncogene, 2016, 35, 5872-5881.	2.6	57
17	Hypoxia-Induced Downregulation of DUSP-2 Phosphatase Drives Colon Cancer Stemness. Cancer Research, 2017, 77, 4305-4316.	0.4	56
18	Human DDX3 Interacts with the HIV-1 Tat Protein to Facilitate Viral mRNA Translation. PLoS ONE, 2013, 8, e68665.	1.1	54

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19	Trafficking protein particle complex 6A delta (TRAPPC6AΔ) is an extracellular plaque-forming protein in the brain. Oncotarget, 2015, 6, 3578-3589.	0.8	52
20	Global Oct4 target gene analysis reveals novel downstream <i>PTEN</i> and <i>TNC</i> genes required for drug-resistance and metastasis in lung cancer. Nucleic Acids Research, 2015, 43, 1593-1608.	6.5	51
21	Association of tryptophan hydroxylase gene polymorphism with depression, anxiety and comorbid depression and anxiety in a population-based sample of postpartum Taiwanese women. Genes, Brain and Behavior, 2004, 3, 328-336.	1.1	50
22	Prostaglandin E 2 Induces Fibroblast Growth Factor 9 via EP3-Dependent Protein Kinase Cδ and Elk-1 Signaling. Molecular and Cellular Biology, 2006, 26, 8281-8292.	1.1	48
23	Coordination of AUF1 and miR-148a destabilizes DNA methyltransferase 1 mRNA under hypoxia in endometriosis. Molecular Human Reproduction, 2015, 21, 894-904.	1.3	48
24	A 2Â-6 Mb interval on chromosome 6q25.2-q25.3 is commonly deleted in human nasal natural killer/T-cell lymphoma. British Journal of Haematology, 2003, 122, 590-599.	1.2	47
25	A reference map and identification of porcine testis proteins using 2-DE and MS. Proteomics, 2005, 5, 4205-4212.	1.3	46
26	Exploiting dinucleotide microsatellites conserved among mammalian species. Mammalian Genome, 1996, 7, 128-132.	1.0	45
27	DNA methylation of the Trip10 promoter accelerates mesenchymal stem cell lineage determination. Biochemical and Biophysical Research Communications, 2010, 400, 305-312.	1.0	45
28	Expression of Tâ€eell lymphoma invasion and metastasis 2 (TIAM2) promotes proliferation and invasion of liver cancer. International Journal of Cancer, 2012, 130, 1302-1313.	2.3	43
29	Neonatal Meishan pigs show POU1F1 genotype effects on plasma GH and PRL concentration. Animal Reproduction Science, 2002, 69, 223-237.	0.5	41
30	Overexpression of FGF9 in colon cancer cells is mediated by hypoxia-induced translational activation. Nucleic Acids Research, 2014, 42, 2932-2944.	6.5	40
31	MicroRNAs regulate gene plasticity during cold shock in zebrafish larvae. BMC Genomics, 2016, 17, 922.	1.2	39
32	Fibroblast growth factor 9 stimulates steroidogenesis in postnatal Leydig cells. Journal of Developmental and Physical Disabilities, 2010, 33, 545-553.	3.6	38
33	FGF9-induced changes in cellular redox status and HO-1 upregulation are FGFR-dependent and proceed through both ERK and AKT to induce CREB and Nrf2 activation. Free Radical Biology and Medicine, 2015, 89, 274-286.	1.3	38
34	Association of NRAMP 1 Gene Polymorphism with Susceptibility to Tuberculosis in Taiwanese Aboriginals. Journal of the Formosan Medical Association, 2006, 105, 363-369.	0.8	37
35	Hypoxia Induces Autophagy through Translational Up-Regulation of Lysosomal Proteins in Human Colon Cancer Cells. PLoS ONE, 2016, 11, e0153627.	1.1	35
36	Abundantly expressed genes in pig adipose tissue: An expressed sequence tag approach1. Journal of Animal Science, 2006, 84, 2673-2683.	0.2	34

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37	Population-specific functional variant of the TPH2 gene 2755C>A polymorphism contributes risk association to major depression and anxiety in Chinese peripartum women. Archives of Women's Mental Health, 2009, 12, 401-408.	1.2	32
38	FGF9/FGFR2 increase cell proliferation by activating <scp>ERK</scp> 1/2, Rb/E2F1, and cell cycle pathways in mouse Leydig tumor cells. Cancer Science, 2018, 109, 3503-3518.	1.7	32
39	Presence of DAZL transcript and protein in mature human spermatozoa. Fertility and Sterility, 2002, 77, 626-629.	0.5	30
40	Association of DAZL haplotypes with spermatogenic failure in infertile men. Fertility and Sterility, 2006, 86, 129-135.	0.5	29
41	Microsatellite in the 3′ untranslated region of human fibroblast growth factor 9 (FGF9) gene exhibits pleiotropic effect on modulating FGF9 protein expression. Human Mutation, 2007, 28, 98-98.	1.1	29
42	<pre><scp>DDX</scp>3 functions in antiviral innate immunity through translational control of <scp>PACT</scp>. FEBS Journal, 2016, 283, 88-101.</pre>	2.2	29
43	Polymorphism screening and haplotype analysis of the tryptophan hydroxylase gene (TPH1)and association with bipolar affective disorder in Taiwan. BMC Medical Genetics, 2005, 6, 14.	2.1	26
44	AUF1 p42 isoform selectively controls both steady-state and PGE2-induced FGF9 mRNA decay. Nucleic Acids Research, 2010, 38, 8061-8071.	6.5	26
45	Effects of increasing concentrations of corn distillers dried grains with solubles on chemical composition and nutrient content of egg. Poultry Science, 2013, 92, 233-242.	1.5	26
46	Identification of novel loci for bipolar I disorder in a multi-stage genome-wide association study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 51, 58-64.	2.5	26
47	Y-chromosome microdeletion and its effect on reproductive decisions in Taiwanese patients presenting with nonobstructive azoospermia. Urology, 2000, 56, 1041-1046.	0.5	25
48	NTF3 Is a Novel Target Gene of the Transcription Factor POU3F2 and Is Required for Neuronal Differentiation. Molecular Neurobiology, 2018, 55, 8403-8413.	1.9	25
49	hnRNPM induces translation switch under hypoxia to promote colon cancer development. EBioMedicine, 2019, 41, 299-309.	2.7	25
50	Fibroblast growth factor 9 activates anti-oxidative functions of Nrf2 through ERK signalling in striatal cell models of Huntington's disease. Free Radical Biology and Medicine, 2019, 130, 256-266.	1.3	25
51	Fibroblast growth factors: Potential novel targets for regenerative therapy of osteoarthritis. Chinese Journal of Physiology, 2019, 62, 2.	0.4	25
52	Vitamin D receptor 1a promotor â^1521 G/C and â^1012 A/G polymorphisms in polycystic ovary syndrome. Taiwanese Journal of Obstetrics and Gynecology, 2012, 51, 565-571.	0.5	23
53	FUBP3 interacts with FGF9 $3\hat{a}\in^2$ microsatellite and positively regulates FGF9 translation. Nucleic Acids Research, 2011, 39, 3582-3593.	6.5	22
54	Behavioral and brain-transcriptomic synchronization between the two opponents of a fighting pair of the fish Betta splendens. PLoS Genetics, 2020, 16, e1008831.	1.5	22

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55	Sp1â€mediated ectopic expression of Tâ€cell lymphoma invasion and metastasis 2 in hepatocellular carcinoma. Cancer Medicine, 2016, 5, 465-477.	1.3	21
56	Effectiveness and Mechanism of Preoperative Lugol Solution for Reducing Thyroid Blood Flow in Patients with Euthyroid Graves' Disease. World Journal of Surgery, 2016, 40, 505-509.	0.8	20
57	FGF9 induces functional differentiation to Schwann cells from human adipose derived stem cells. Theranostics, 2020, 10, 2817-2831.	4.6	20
58	Mapping of the natural resistance-associated macrophage protein 1 (NRAMP1) gene to pig chromosome 15. Animal Genetics, 1998, 29, 138-140.	0.6	19
59	Genetic and Environmental Influences on Adiponectin, Leptin, and BMI Among Adolescents in Taiwan: A Multivariate Twin/Sibling Analysis. Twin Research and Human Genetics, 2008, 11, 495-504.	0.3	19
60	Fibroblast Growth Factor 9 Suppresses Striatal Cell Death Dominantly Through ERK Signaling in Huntington's Disease. Cellular Physiology and Biochemistry, 2018, 48, 605-617.	1.1	19
61	A Functional Polymorphism in the Promoter Region of the Tryptophan Hydroxylase Gene Is Associated With Alcohol Dependence in One Aboriginal Group in Taiwan. Alcoholism: Clinical and Experimental Research, 2005, 29, 1-7.	1.4	18
62	Differential expression of porcine testis proteins during postnatal development. Animal Reproduction Science, 2011, 123, 221-233.	0.5	18
63	Exploring the associations between genetic variants in genes encoding for subunits of calcium channel and subtypes of bipolar disorder. Journal of Affective Disorders, 2014, 157, 80-86.	2.0	18
64	Complete Genome Sequence of Xanthomonas campestris pv. campestris Strain $17\mathrm{from}$ Taiwan. Genome Announcements, $2015,3,.$	0.8	18
65	DNA-induced 2′3′-cGAMP enhances haplotype-specific human STING cleavage by dengue protease. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15947-15954.	3.3	18
66	Association of aberrant expression of sex-determining gene fibroblast growth factor 9 with Sertoli cell–only syndrome. Fertility and Sterility, 2013, 100, 1547-1554.e4.	0.5	17
67	Hypoxia-induced tumor malignancy and drug resistance: Role of microRNAs. Biomarkers and Genomic Medicine, 2014, 6, 1-11.	0.2	17
68	Implication of Screening for FMR1 and FMR2 Gene Mutation in Individuals With Nonspecific Mental Retardation in Taiwan. Diagnostic Molecular Pathology, 2000, 9, 75-80.	2.1	17
69	Rapid Identification of Bacteria and Candida Pathogens in Peritoneal Dialysis Effluent from Patients with Peritoneal Dialysis-Related Peritonitis by Use of Multilocus PCR Coupled with Electrospray Ionization Mass Spectrometry. Journal of Clinical Microbiology, 2014, 52, 1217-1219.	1.8	16
70	AQU-1, a chromosomal class C \hat{l}^2 -lactamase, among clinical Aeromonas dhakensis isolates: Distribution and clinical significance. International Journal of Antimicrobial Agents, 2013, 42, 456-461.	1.1	15
71	A new rapid and efficient system with dominant selection developed to inactivate and conditionally express genes in Candida albicans. Current Genetics, 2016, 62, 213-235.	0.8	15
72	CLONING OF THE FULL LENGTH PIGPIT1 (POU1F1) CDNA AND A NOVEL ALTERNATIVEPIT1TRANSCRIPT, AND FUNCTIONAL STUDIES OF THEIR ENCODED PROTEINS. Animal Biotechnology, 2001, 12, 1-19.	0.7	14

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73	Affinity purification of Candida albicans CaCdc4-associated proteins reveals the presence of novel proteins involved in morphogenesis. Biochemical and Biophysical Research Communications, 2010, 395, 152-157.	1.0	14
74	Nuclear KIT induces a NFKBIB-RELA-KIT autoregulatory loop in imatinib-resistant gastrointestinal stromal tumors. Oncogene, 2019, 38, 6550-6565.	2.6	14
75	Precise mapping of breakpoints in conserved synteny between human chromosome 1 and pig chromosomes 4, 6 and 9. Animal Genetics, 2002, 33, 91-96.	0.6	13
76	Association of the gamma-aminobutyric acid A receptor gene cluster with alcohol dependence in Taiwanese Han. Molecular Psychiatry, 2002, 7, 828-829.	4.1	13
77	Comparative Linkage Mapping of Human Chromosome 13 and Bovine Chromosome 12. Genomics, 1997, 39, 47-54.	1.3	12
78	Applicability of Risk Scores for Postoperative Nausea and Vomiting in a Taiwanese Population Undergoing General Anaesthesia. Anaesthesia and Intensive Care, 2015, 43, 473-478.	0.2	12
79	Alleles that may influence HIV-1 pathogenesis in Chinese subjects. Aids, 1999, 13, 421.	1.0	12
80	Estradiol-mediated inhibition of Sp1 decreases miR-3194-5p expression to enhance CD44 expression during lung cancer progression. Journal of Biomedical Science, 2022, 29, 3.	2.6	12
81	Sequence variants and haplotype analysis of serotonin transporter gene and association with bipolar affective disorder in Taiwan. Pharmacogenetics and Genomics, 2004, 14, 173-179.	5.7	11
82	Association analysis of monoamine oxidase A gene and bipolar affective disorder in Han Chinese. Behavioral and Brain Functions, 2008, 4, 21.	1.4	11
83	Characterization and distribution of repetitive elements in association with genes in the human genome. Computational Biology and Chemistry, 2015, 57, 29-38.	1.1	11
84	TIAM2S as a novel regulator for serotonin level enhances brain plasticity and locomotion behavior. FASEB Journal, 2020, 34, 3267-3288.	0.2	11
85	Physical assignments of human chromosome 13 genes on pig chromosome 11 demonstrate extensive synteny and gene order conservation between pig and human. Animal Genetics, 1999, 30, 304-308.	0.6	10
86	Novel exon nucleotide substitution at the splice junction causes a neonatal Marfan syndrome. Clinical Genetics, 2010, 77, 453-463.	1.0	10
87	Genome Sequences of Three Helicobacter pylori Strains from Patients with Gastric Mucosa-Associated Lymphoid Tissue Lymphoma. Genome Announcements, 2015, 3, .	0.8	10
88	Clinical and genetic analysis of Taiwanese patients with hereditary spastic paraplegia type 5. European Journal of Neurology, 2015, 22, 211-214.	1.7	10
89	FGF9 induces neurite outgrowth upon ERK signaling in knock-in striatal Huntington's disease cells. Life Sciences, 2021, 267, 118952.	2.0	10
90	Computational analysis and refinement of sequence structure on chromosome 22q11.2 region: Application to the development of quantitative real-time PCR assay for clinical diagnosis. Genomics, 2006, 87, 290-297.	1.3	9

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91	Expression of EBV-encoded oncogenes and EBV-like virions in multiple canine tumors. Veterinary Microbiology, 2013, 163, 79-89.	0.8	9
92	The expression profiles of fibroblast growth factor 9 and its receptors in developing mice testes. Organogenesis, 2016, 12, 61-77.	0.4	9
93	TIAM2S Mediates Serotonin Homeostasis and Provokes a Pro-Inflammatory Immune Microenvironment Permissive for Colorectal Tumorigenesis. Cancers, 2020, 12, 1844.	1.7	9
94	Fibroblast Growth Factor 9 Stimulates Neuronal Length Through NF-kB Signaling in Striatal Cell Huntington's Disease Models. Molecular Neurobiology, 2021, 58, 2396-2406.	1.9	9
95	Rapid communication: UWCA46, a polymorphic bovine microsatellite marker1. Journal of Animal Science, 1995, 73, 1530-1530.	0.2	8
96	Mapping of growth hormone releasing hormone receptor to swine chromosome 18. Animal Genetics, 1997, 28, 351-353.	0.6	8
97	Receptor mediated effect of serotonergic transmission in patients with bipolar affective disorder. Journal of Medical Genetics, 2003, 40, 781-786.	1.5	8
98	Genomic amplification of chromosome 20q13.33 is the early biomarker for the development of sporadic colorectal carcinoma. BMC Medical Genomics, 2020, 13, 149.	0.7	8
99	Assignment of porcine ceruloplasmin and v-RAF1 murine viral oncogene homolog 1 to Chromosome 13 by linkage analysis. Mammalian Genome, 1997, 8, 626-627.	1.0	6
100	Identification of fungal pathogens from clinical specimens using multi-locus PCR coupled with electrospray ionization mass spectrometry. Diagnostic Microbiology and Infectious Disease, 2014, 78, 141-143.	0.8	6
101	FGF9 is a downstream target of SRY and sufficient to determine male sex fate in ex vivo XX gonad culture. Biology of Reproduction, 2020, 103, 1300-1313.	1.2	6
102	Menstrual cycle-dependent febrile episode mediated by sequence-specific repression of poly(ADP-ribose) polymerase-1 on the transcription of the human serotonin receptor 1A gene. Human Mutation, 2012, 33, 209-217.	1.1	5
103	Low-cell-number, single-tube amplification (STA) of total RNA revealed transcriptome changes from pluripotency to endothelium. BMC Biology, 2017, 15, 22.	1.7	5
104	Successful Matched-Unrelated Bone Marrow Transplantation in a Patient With Beta-Thalassemia Major. Journal of Pediatric Hematology/Oncology, 2002, 24, 579-581.	0.3	4
105	Novel Compound Heterozygous Mutations in CRTAP Cause Rare Autosomal Recessive Osteogenesis Imperfecta. Frontiers in Genetics, 2020, 11 , 897 .	1.1	4
106	Gene expression analysis of combined RNA-seq experiments using a receiver operating characteristic calibrated procedure. Computational Biology and Chemistry, 2021, 93, 107515.	1.1	4
107	Development and validation of an expanded targeted sequencing panel for non-invasive prenatal diagnosis of sporadic skeletal dysplasia. BMC Medical Genomics, 2021, 14, 212.	0.7	4
108	Establishment of tetracycline-regulated bimolecular fluorescence complementation assay to detect protein-protein interactions in Candida albicans. Scientific Reports, 2020, 10, 2936.	1.6	3

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109	Rapid communication: mapping the pig VCAM1 locus to chromosome 4 using a double-stranded conformation polymorphism marker (VCAM1-2) Journal of Animal Science, 1997, 75, 2286.	0.2	2
110	Assignment of porcine serotonin receptor subtype 2 alpha and endothelin-B receptor to chromosome 11 by linkage analysis Journal of Animal Science, 1999, 77, 795.	0.2	2
111	Analysis of global methylation using a Zta-expressing nasopharyngeal carcinoma cell line. Genomics, 2011, 97, 205-213.	1.3	2
112	Non-mosaic uniparental trisomy 16 presenting with asplenia syndrome and placental abruption: A case report and literature review. European Journal of Medical Genetics, 2013, 56, 197-201.	0.7	2
113	Syntenic assignment of human serotonin receptor subtype 2 (HTR2), esterase D (ESD), and fms-related tyrosine kinase (FLT) homologs to bovine Chromosome 12. Mammalian Genome, 1996, 7, 518-519.	1.0	1
114	A strategy to rapidly identify restriction fragment length polymorphism (RFLP) in PCR products for gene mapping in animal families. Technical Tips Online, 1998, 3, 102-105.	0.2	1
115	Comprehensive analysis of common coding sequence variants in Taiwanese Han population. Biomarkers and Genomic Medicine, 2014, 6, 133-143.	0.2	1
116	Validation of simplified postoperative nausea and vomiting intensity scale in Taiwan. Journal of Clinical Monitoring and Computing, 2018, 32, 937-944.	0.7	1
117	Syntenic assignment of dopamine tautomerase (DCT) to bovine chromosome 12. Animal Genetics, 1996, 27, 421-422.	0.6	0
118	Title is missing!. , 2020, 16, e1008831.		0
119	Title is missing!. , 2020, 16, e1008831.		0
120	Title is missing!. , 2020, 16, e1008831.		0
121	Title is missing!. , 2020, 16, e1008831.		0
122	Title is missing!. , 2020, 16, e1008831.		0
123	Title is missing!. , 2020, 16, e1008831.		0