

# Gang Wei

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,372  
citations

567281  
15  
h-index

434195  
31  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2763  
citing authors

#	ARTICLE	IF	CITATIONS
1	Follicular CXCR5-expressing CD8+ T cells curtail chronic viral infection. <i>Nature</i> , 2016, 537, 412-416.	27.8	514
2	Alternative Polyadenylation: Methods, Findings, and Impacts. <i>Genomics, Proteomics and Bioinformatics</i> , 2017, 15, 287-300.	6.9	100
3	Global intron retention mediated gene regulation during CD4 <sup>+</sup> T cell activation. <i>Nucleic Acids Research</i> , 2016, 44, 6817-6829.	14.5	96
4	An episomal vector-based CRISPR/Cas9 system for highly efficient gene knockout in human pluripotent stem cells. <i>Scientific Reports</i> , 2017, 7, 2320.	3.3	91
5	3' UTR lengthening as a novel mechanism in regulating cellular senescence. <i>Genome Research</i> , 2018, 28, 285-294.	5.5	90
6	An intriguing RNA species—perspectives of circularized RNA. <i>Protein and Cell</i> , 2015, 6, 871-880.	11.0	88
7	Position-specific intron retention is mediated by the histone methyltransferase SDG725. <i>BMC Biology</i> , 2018, 16, 44.	3.8	41
8	Endogenous Retrovirus-Derived Long Noncoding RNA Enhances Innate Immune Responses via Derepressing RELA Expression. <i>MBio</i> , 2019, 10, .	4.1	39
9	Alternative polyadenylation dependent function of splicing factor SRSF3 contributes to cellular senescence. <i>Aging</i> , 2019, 11, 1356-1388.	3.1	33
10	Alternative splicing in aging and age-related diseases. <i>Translational Medicine of Aging</i> , 2017, 1, 32-40.	1.3	28
11	Prevalent intron retention fine-tunes gene expression and contributes to cellular senescence. <i>Aging Cell</i> , 2020, 19, e13276.	6.7	25
12	Histone methyltransferase Smyd3 is a new regulator for vascular senescence. <i>Aging Cell</i> , 2020, 19, e13212.	6.7	24
13	Independent component analysis based gene co-expression network inference (ICAnet) to decipher functional modules for better single-cell clustering and batch integration. <i>Nucleic Acids Research</i> , 2021, 49, e54-e54.	14.5	20
14	Cancer-associated dynamics and potential regulators of intronic polyadenylation revealed by IPAfinder using standard RNA-seq data. <i>Genome Research</i> , 2021, 31, 2095-2106.	5.5	20
15	MitoRCA-seq reveals unbalanced cytosine to thymine transition in Polg mutant mice. <i>Scientific Reports</i> , 2015, 5, 12049.	3.3	19
16	HNRNP A1-mediated 3' UTR length changes of <i>HN1</i> contributes to cancer- and senescence-associated phenotypes. <i>Aging</i> , 2019, 11, 4407-4437.	3.1	19
17	Single-Cell Transcriptome Analysis Reveals Six Subpopulations Reflecting Distinct Cellular Fates in Senescent Mouse Embryonic Fibroblasts. <i>Frontiers in Genetics</i> , 2020, 11, 867.	2.3	16
18	Comprehensive characterization of somatic variants associated with intronic polyadenylation in human cancers. <i>Nucleic Acids Research</i> , 2021, 49, 10369-10381.	14.5	14

#	ARTICLE	IF	CITATIONS
19	Chromatin remodeling factor BAZ1A regulates cellular senescence in both cancer and normal cells. Life Sciences, 2019, 229, 225-232.	4.3	12
20	Smyd3-PARP16 axis accelerates unfolded protein response and vascular aging. Aging, 2020, 12, 21423-21445.	3.1	12
21	Rare mutations in apoptosis related genes APAF1, CASP9, and CASP3 contribute to human neural tube defects. Cell Death and Disease, 2018, 9, 43.	6.3	11
22	SMYD3-PARP16 axis accelerates unfolded protein response and mediates neointima formation. Acta Pharmaceutica Sinica B, 2021, 11, 1261-1273.	12.0	11
23	Systematic evaluation of the effect of polyadenylation signal variants on the expression of disease-associated genes. Genome Research, 2021, 31, 890-899.	5.5	8
24	Lung cancer cells expressing a shortened <i>CDK16</i> 3'UTR escape senescence through impaired miR-485-5p targeting. Molecular Oncology, 2022, 16, 1347-1364.	4.6	8
25	H3K4 Methyltransferase Smyd3 Mediates Vascular Smooth Muscle Cell Proliferation, Migration, and Neointima Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1901-1914.	2.4	7
26	Tempo-spatial alternative polyadenylation analysis reveals that 3' UTR lengthening of Mdm2 regulates p53 expression and cellular senescence in aged rat testis. Biochemical and Biophysical Research Communications, 2020, 523, 1046-1052.	2.1	6
27	An enhancer variant at 16q22.1 predisposes to hepatocellular carcinoma via regulating PRMT7 expression. Nature Communications, 2022, 13, 1232.	12.8	6
28	Global downregulation of pigmentation-associated genes in human premature hair graying. Experimental and Therapeutic Medicine, 2019, 18, 1155-1163.	1.8	5
29	Antisense transcription regulates the expression of sense gene via alternative polyadenylation. Protein and Cell, 2018, 9, 540-552.	11.0	3
30	Down-regulation of cancer-associated gene CDC73 contributes to cellular senescence. Biochemical and Biophysical Research Communications, 2018, 499, 809-814.	2.1	2