

Selected Article List of Display of Publications by Professor CHEN Runsheng, Distinguished Visiting Scholar 2022/2023

2022至2023年度到訪傑出學人陳潤生院士著作選：文章目錄

No. 序號	LibrarySearch URL 檢索易網址	Title / Author 篇名 / 作者	Journal / Book Title 期刊 / 書名	Year 年份	Issue 期號	Page 頁號
1		NONCODEV6: An updated database dedicated to long non-coding RNA annotation in both animals and plants / Zhao, Lianhe ; Wang, Jiajia ; Li, Yanyan ; Song, Tingrui ; Wu, Yang ; Fang, Shuangshang ; Bu, Dechao ; Li, Hui ; Sun, Liang ; Pei, Dong ; Zheng, Yu ; Huang, Jianqin ; Xu, Mingqing ; Chen, Runsheng ; Zhao, Yi ; He, Shunmin	Nucleic acids research	2021	Vol.49 (D1)	D165-D171
2		The draft genome of the specialist flea beetle Altica viridicyanea (Coleoptera: Chrysomelidae) / Xue, Huai-Jun ; Niu, Yi-Wei ; Segraves, Kari A. ; Nie, Rui-E ; Hao, Ya-Jing ; Zhang, Li-Li ; Cheng, Xin-Chao ; Zhang, Xue-Wen ; Li, Wen-Zhu ; Chen, Run-Sheng ; Yang, Xing-Ke	BMC genomics	2021	Vol.22 (1)	243
3		Association of the Polymorphism rs13259960 in SLEAR With Predisposition to Systemic Lupus Erythematosus / Fan, Zhen ; Chen, Xiaowei ; Liu, Lu ; Zhu, Caihong ; Xu, Jinhua ; Yin, Xianrong ; Sheng, Yujun ; Zhu, Zhengwei ; Wen, Leilei ; Zuo, Xianbo ; Zheng, Xiaodong ; Zhang, Yaohua ; Xu, Jingkai ; Huang, He ; Zhou, Fusheng ; Sun, Liangdan ; Luo, Jianjun ; Zhang, Dongdong ; Chen, Xiaomin ; Cui, Ya ; Hao, Yajing ; Cui, Yong ; Zhang, Xuejun ; Chen, Runsheng	Arthritis & rheumatology	2020	Vol.72 (6)	985-996
4		Genetic variations associated with long noncoding RNAs / Luo, Jianjun ; Chen, Runsheng	Essays in biochemistry	2020	Vol.64(6)	867-873

5		SpatialDB: a database for spatially resolved transcriptomes / Fan, Zhen ; Chen, Runsheng ; Chen, Xiaowei	Nucleic acids research	2020	Vol.48 (D1)	D233-D237
6		Active retrotransposons help maintain pericentromeric heterochromatin required for faithful cell division / Hao, Yajing ; Wang, Dongpeng ; Wu, Shuheng ; Li, Xiao ; Shao, Changwei ; Zhang, Peng ; Chen, Jia-Yu ; Lim, Do-Hwan ; Fu, Xiang-Dong ; Chen, Runsheng ; He, Shunmin	Genome research	2020	Vol.30 (11)	1570-1582
7		LRIK interacts with the Ku70–Ku80 heterodimer enhancing the efficiency of NHEJ repair / Wang, Dan ; Zhou, Zheng ; Wu, Erzong ; Ouyang, Can ; Wei, Guifeng ; Wang, Yunfei ; He, Dandan ; Cui, Ya ; Zhang, Dongdong ; Chen, Xiaomin ; Reed, Simon H. ; Luo, Jianjun ; Chen, Runsheng	Cell death and differentiation	2020	Vol.27 (12)	3337-3353
8		NPInter v4.0: an integrated database of ncRNA interactions / Teng, Xueyi ; Chen, Xiaomin ; Xue, Hua ; Tang, Yiheng ; Zhang, Peng ; Kang, Quan ; Hao, Yajing ; Chen, Runsheng ; Zhao, Yi ; He, Shunmin	Nucleic acids research	2020	Vol.48 (D1)	D160-D165
9		LncRNA HRCEG, regulated by HDAC1, inhibits cells proliferation and epithelial-mesenchymal-transition in gastric cancer / Wu, Shuheng ; Wu, Erzong ; Wang, Dongpeng ; Niu, Yiwei ; Yue, Haiyan ; Zhang, Dongdong ; Luo, Jianjun ; Chen, Runsheng	Cancer genetics	2020	Vol.241	25-33

10		BCL9 provides multi-cellular communication properties in colorectal cancer by interacting with paraspeckle proteins / Jiang, Meng ; Kang, Yue ; Sewastianik, Tomasz ; Wang, Jiao ; Tanton, Helen ; Alder, Keith ; Dennis, Peter ; Xin, Yu ; Wang, Zhongqiu ; Liu, Ruiyang ; Zhang, Mengyun ; Huang, Ying ; Loda, Massimo ; Srivastava, Amitabh ; Chen, Runsheng ; Liu, Ming ; Carrasco, Ruben D.	Nature communications	2020	Vol.11 (1)	19
11		NG-Circos: next-generation Circos for data visualization and interpretation / Cui, Ya ; Cui, Zhe ; Xu, Jianfeng ; Hao, Dapeng ; Shi, Jiejun ; Wang, Dan ; Xiao, Hui ; Duan, Xiaohong ; Chen, Runsheng ; Li, Wei	NAR genomics and bioinformatics	2020	Vol.2 (3)	lqaa069
12		LncRNA HAND2-AS1 promotes liver cancer stem cell self-renewal via BMP signaling / Wang, Yanying ; Zhu, Pingping ; Luo, Jianjun ; Wang, Jing ; Liu, Zhiwei ; Wu, Wei ; Du, Ying ; Ye, Buqing ; Wang, Dongpeng ; He, Lei ; Ren, Weizheng ; Wang, Jianyi ; Sun, Xianhui ; Chen, Runsheng ; Tian, Yong ; Fan, Zusen	The EMBO journal	2019	Vol.38 (17)	e101110
13		piRBase: a comprehensive database of piRNA sequences / Wang, Jiajia ; Zhang, Peng ; Lu, Yiping ; Li, Yanyan ; Zheng, Yu ; Kan, Yunchao ; Chen, Runsheng ; He, Shunmin	Nucleic acids research	2019	Vol.47 (D1)	D175-D180
14		LincK contributes to breast tumorigenesis by promoting proliferation and epithelial-to-mesenchymal transition / Li, Jing ; Hao, Yajing ; Mao, Wenzhe ; Xue, Xiaowei ; Xu, Pengchao ; Liu, Lihui ; Yuan, Jiao ; Zhang, Dongdong ; Li, Na ; Chen, Hua ; Zhao, Lin ; Sun, Zhao ; Luo, Jianjun ; Chen, Runsheng ; Zhao, Robert Chunhua	Journal of hematology and oncology	2019	Vol.12 (1)	19

15		LncVar: Deciphering Genetic Variations Associated with Long Noncoding Genes / Chen, Xiaowei ; Hao, Yajing ; Cui, Ya ; Fan, Zhen ; Chen, Runsheng	Epitranscriptomics	2019	Vol.1870	189-198
16		Phosphoglucose isomerase gene expression as a prognostic biomarker of gastric cancer / Huang, Han-Chen ; Wen, Xian-Zi ; Xue, Hua ; Chen, Run-Sheng ; Ji, Jia-Fu ; Xu, Lei	Chinese journal of cancer research	2019	Vol.31 (5)	771-784
17		Profiling the long noncoding RNA interaction network in the regulatory elements of target genes by chromatin in situ reverse transcription sequencing / Zhang, Shilin ; Wang, Yichen ; Jia, Lin ; Wen, Xue ; Du, Zhonghua ; Wang, Cong ; Hao, Yajing ; Yu, Dehai ; Zhou, Lei ; Chen, Naifei ; Chen, Jingcheng ; Chen, Huiling ; Zhang, Hui ; Celik, Ilkay ; Gülsoy, Günhan ; Luo, Jianjun ; Qin, Baoming ; Cui, Xueling ; Liu, Zhonghui ; Zhang, Songling ; Esteban, Miguel A. ; Ay, Ferhat ; Xu, Wei ; Chen, Runsheng ; Li, Wei ; Hoffman, Andrew R. ; Hu, Ji-Fan ; Cui, Jiuwei	Genome research	2019	Vol.29 (9)	1521-1532
18		ER-residential Nogo-B accelerates NAFLD-associated HCC mediated by metabolic reprogramming of oxLDL lipophagy / Tian, Yuan ; Yang, Bin ; Qiu, Weinan ; Hao, Yajing ; Zhang, Zhenxing ; Yang, Bo ; Li, Nan ; Cheng, Shuqun ; Lin, Zhangjun ; Rui, Yao-cheng ; Cheung, Otto K. W. ; Yang, Weiqin ; Wu, William K. K. ; Cheung, Yue-Sun ; Lai, Paul B. S. ; Luo, Jianjun ; Sung, Joseph J. Y. ; Chen, Runsheng ; Wang, Hong-Yang ; Cheng, Alfred S. L. ; Yang, Pengyuan	Nature communications	2019	Vol.10 (1)	3391

19		RNAcentral: a hub of information for non-coding RNA sequences / Sweeney, Blake A. ; Petrov, Anton I. ; Burkov, Boris ; Finn, Robert D. ; Bateman, Alex ; Szymanski, Maciej ; Karlowski, Wojciech M. ; Gorodkin, Jan ; Seemann, Stefan E. ; Cannone, Jamie J. ; Gutell, Robin R. ; Fey, Petra ; Basu, Siddhartha ; Kay, Simon ; Cochrane, Guy ; Billis, Kostantinos ; Emmert, David ; Marygold, Steven J. ; Huntley, Rachael P. ; Lovering, Ruth C. ; Frankish, Adam ; Chan, Patricia P. ; Lowe, Todd M. ; Bruford, Elspeth ; Seal, Ruth ; Vandesompele, Jo ; Volders, Pieter-Jan ; Paraskevopoulou, Maria ; Ma, Lina ; Zhang, Zhang ; Griffiths-Jones, Sam ; Bujnicki, Janusz M. ; Boccaletto, Pietro ; Blake, Judith A. ; Bult, Carol J. ; Chen, Runsheng ; Zhao, Yi ; Wood, Valerie ; Rutherford, Kim ; Rivas, Elena ; Cole, James ; Lauderkind, Stanley J. F. ; Shimoyama, Mary ; Gillespie, Marc E. ; Orlic-Milacic, Marija ; Kalvari, Ioanna ; Nawrocki, Eric ; Engel, Stacia R. ; Cherry, J. Michael ; Berardini, Tanya Z. ; Hatzigeorgiou, Artemis ; Karagkouni, Dimitra ; Howe, Kevin ; Davis, Paul ; Dinger, Marcel ; He, Shunmin ; Yoshihama, Maki ; Kenmochi, Naoya ; Stadler, Peter F. ; Williams, Kelly P.	Nucleic acids research	2019	Vol.47 (D1)	D221-D229
20		LncKdm2b controls self-renewal of embryonic stem cells via activating expression of transcription factor Zbtb3 / Ye, Buqing ; Liu, Benyu ; Yang, Liuliu ; Zhu, Xiaoxiao ; Zhang, Dongdong ; Wu, Wei ; Zhu, Pingping ; Wang, Yanying ; Wang, Shuo ; Xia, Pengyan ; Du, Ying ; Meng, Shu ; Huang, Guanling ; Wu, Jiayi ; Chen, Runsheng ; Tian, Yong ; Fan, Zusen	The EMBO journal	2018	Vol.37 (8)	e97174
21		Long noncoding RNA lncHand2 promotes liver repopulation via c-Met signaling / Wang, Yanying ; Zhu, Pingping ; Wang, Jing ; Zhu, Xiaoxiao ; Luo, Jianjun ; Meng, Shu ; Wu, Jiayi ; Ye, Buqing ; He, Luyun ; Du, Ying ; He, Lei ; Chen, Runsheng ; Tian, Yong ; Fan, Zusen	Journal of hepatology	2018	Vol.69 (4)	861-872
22		SmProt: A database of small proteins encoded by annotated coding and non-coding RNA loci / Hao, Yajing ; Zhang, Lili ; Niu, Yiwei ; Cai, Tanxi ; Luo, Jianjun ; He, Shunmin ; Zhang, Bao ; Zhang, Dejiu ; Qin, Yan ; Yang, Fuquan ; Chen, Runsheng	Briefings in bioinformatics	2018	Vol.19 (4)	636-643

23		Dynamic-BM: multispecies Dynamic BodyMap database from temporal RNA-seq data / Cui, Ya ; Chen, Xiaowei ; Niu, Yiwei ; Wang, Dongpeng ; Luo, Huaxia ; Fan, Zhen ; Wang, Dan ; Wu, Wei ; Teng, Xueyi ; He, Shunmin ; Luo, Jianjun ; Chen, Runsheng	Briefings in bioinformatics	2018	Vol.19 (4)	1302-1309
24		NONCODEV5: a comprehensive annotation database for long non-coding RNAs / Fang, ShuangSang ; Zhang, LiLi ; Guo, JinCheng ; Niu, YiWei ; Wu, Yang ; Li, Hui ; Zhao, LianHe ; Li, XiYuan ; Teng, XueYi ; Sun, XianHui ; Sun, Liang ; Zhang, Michael Q ; Chen, RunSheng ; Zhao, Yi	Nucleic acids research	2018	Vol.46 (D1)	D308-D314
25		TDP-43 regulates cancer-associated microRNAs / Chen, Xiaowei ; Fan, Zhen ; McGee, Warren ; Chen, Mengmeng ; Kong, Ruirui ; Wen, Pushuai ; Xiao, Tengfei ; Chen, Xiaomin ; Liu, Jianghong ; Zhu, Li ; Chen, Runsheng ; Wu, Jane Y.	Protein & cell	2018	Vol.9 (10)	848-866
26		A novel antisense long noncoding RNA, TWISTED LEAF, maintains leaf blade flattening by regulating its associated sense R2R3-MYB gene in rice / Liu, Xue ; Li, Dayong ; Zhang, Donglei ; Yin, Dedong ; Zhao, Yi ; Ji, Chengjun ; Zhao, Xianfeng ; Li, Xiaobing ; He, Qun ; Chen, Runsheng ; Hu, Songnian ; Zhu, Lihuang	The New phytologist	2018	Vol.218(2)	774-788
27		Genomic and transcriptomic analysis of the Asian honeybee Apis cerana provides novel insights into honeybee biology / Diao, Qingyun ; Sun, Liangxian ; Zheng, Huajun ; Zeng, Zhijiang ; Wang, Shengyue ; Xu, Shufa ; Zheng, Huoqing ; Chen, Yanping ; Shi, Yuanyuan ; Wang, Yuezhu ; Meng, Fei ; Sang, Qingliang ; Cao, Lianfei ; Liu, Fang ; Zhu, Yongqiang ; Li, Wenfeng ; Li, Zhiguo ; Dai, Congjie ; Yang, Minjun ; Chen, Shenglu ; Chen, Runsheng ; Zhang, Shaowu ; Evans, Jay D. ; Huang, Qiang ; Liu, Jie ; Hu, Fuliang ; Su, Songkun ; Wu, Jie	Scientific reports	2018	Vol.8 (1)	822

28		An Enviro-Geno-Pheno State Analysis Framework for Biomarker Study / Huang, Hanchen ; Wen, Xianzi ; Tu, Shikui ; Ji, Jiafu ; Chen, Runsheng ; Xu, Lei	Intelligence Science and Big Data Engineering	2018	Vol.11266	663-670
29		Long noncoding RNA IncKdm2b is required for ILC3 maintenance by initiation of Zfp292 expression / Liu, Benyu ; Ye, Buqing ; Yang, Liuliu ; Zhu, Xiaoxiao ; Huang, Guanling ; Zhu, Pingping ; Du, Ying ; Wu, Jiayi ; Qin, Xiwen ; Chen, Runsheng ; Tian, Yong ; Fan, Zusen	Nature immunology	2017	Vol.18 (5)	499-508
30		Mesenchymal stem cells promote hepatocarcinogenesis via lncRNA-MUF interaction with ANXA2 and miR-34a / Yan, Xinlong ; Zhang, Dongdong ; Wu, Wei ; Wu, Shuheng ; Qian, Jingfeng ; Hao, Yajing ; Yan, Fang ; Zhu, Pingping ; Wu, Jiayi ; Huang, Guanling ; Huang, Yinghui ; Luo, Jianjun ; Liu, Xinhui ; Liu, Benyu ; Chen, Xiaomin ; Du, Ying ; Chen, Runsheng ; Fan, Zusen	Cancer research (Chicago, Ill.)	2017	Vol.77 (23)	6704-6716
31		The long noncoding RNA SNHG1 promotes tumor growth through regulating transcription of both local and distal genes / Sun, Y. ; Wei, G. ; Luo, H. ; Wu, W. ; Skogerbo, G. ; Luo, J. ; Chen, R.	Oncogene	2017	Vol.36 (49)	6774-6783
32		The landscape of viral expression reveals clinically relevant viruses with potential capability of promoting malignancy in lower-grade glioma / Wang, Zheng ; Hao, Yajing ; Zhang, Chuanbao ; Wang, Zhiliang ; Liu, Xing ; Li, Guanzhang ; Sun, Lihua ; Liang, Jingshan ; Luo, Jianjun ; Zhou, Dabiao ; Chen, Runsheng ; Jiang, Tao	Clinical cancer research	2017	Vol.23 (9)	2177-2185

33		LncVar: A database of genetic variation associated with long non-coding genes / Chen, Xiaowei ; Hao, Yajing ; Cui, Ya ; Fan, Zhen ; He, Shunmin ; Luo, Jianjun ; Chen, Runsheng	Bioinformatics	2017	Vol.33 (1)	112-118
34		Long noncoding RNA LINC01186, regulated by TGF- β /SMAD3, inhibits migration and invasion through Epithelial-Mesenchymal-Transition in lung cancer / Hao, Yajing ; Yang, Xinling ; Zhang, Dongdong ; Luo, Jianjun ; Chen, Runsheng	Gene	2017	Vol.608	1-12
35		LncRNA16 is a potential biomarker for diagnosis of early-stage lung cancer that promotes cell proliferation by regulating the cell cycle / Zhu, Huang ; Zhang, Liyi ; Yan, Shi ; Li, Wenmei ; Cui, Jiantao ; Zhu, Min ; Xia, Nan ; Yang, Yue ; Yuan, Jiao ; Chen, Xiaowei ; Luo, Jianjun ; Chen, Runsheng ; Xing, Rui ; Lu, Youyong ; Wu, Nan	Oncotarget	2017	Vol.8 (5)	7867-7877
36		RNAcentral: A comprehensive database of non-coding RNA sequences / Petrov, Anton I. ; Kay, Simon J.E. ; Kalvari, Ioanna ; Howe, Kevin L. ; Gray, Kristian A. ; Bruford, Elspeth A. ; Kersey, Paul J. ; Cochrane, Guy ; Finn, Robert D. ; Bateman, Alex ; Kozomara, Ana ; Griffiths-Jones, Sam ; Frankish, Adam ; Zwieb, Christian W. ; Lau, Britney Y. ; Williams, Kelly P. ; Chan, Patricia P. ; Lowe, Todd M. ; Cannone, Jamie J. ; Gutell, Robin R. ; Machnicka, Magdalena A. ; Bujnicki, Janusz M. ; Yoshihama, Maki ; Kenmochi, Naoya ; Chai, Benli ; Cole, James R. ; Szymanski, Maciej ; Karlowski, Wojciech M. ; Wood, Valerie ; Huala, Eva ; Berardini, Tanya Z. ; Zhao, Yi ; Chen, Runsheng ; Zhu, Weimin ; Paraskevopoulou, Maria D. ; Vlachos, Ioannis S. ; Hatzigeorgiou, Artemis G. ; Ma, Lina ; Zhang, Zhang ; Puetz, Joern ; Stadler, Peter F. ; McDonald, Daniel ; Basu, Siddhartha ; Fey, Petra ; Engel, Stacia R. ; Cherry, J. Michael ; Volders, Pieter-Jan ; Mestdag, Pieter ; Wower, Jacek ; Clark, Michael ; Quek, Xiu Cheng ; Dinger, Marcel E.	Nucleic acids research	2017	Vol.45 (1)	D128-D134

37		NONCODE 2016: An informative and valuable data source of long non-coding RNAs / Zhao, Yi ; Li, Hui ; Fang, Shuangshang ; Kang, Yue ; Wu, Wei ; Hao, Yajing ; Li, Ziyang ; Bu, Dechao ; Sun, Ninghui ; Zhang, Michael Q. ; Chen, Runsheng	Nucleic acids research	2016	Vol.44 (D1)	D203-D208
38		BioCircos.js: An interactive Circos JavaScript library for biological data visualization on web applications / Cui, Ya ; Chen, Xiaowei ; Luo, Huaxia ; Fan, Zhen ; Luo, Jianjun ; He, Shunmin ; Yue, Haiyan ; Zhang, Peng ; Chen, Runsheng	Bioinformatics	2016	Vol.32 (11)	1740-1742
39		NPInter v3.0: An upgraded database of noncoding RNA-associated interactions / Hao, Yajing ; Wu, Wei ; Li, Hui ; Yuan, Jiao ; Luo, Jianjun ; Zhao, Yi ; Chen, Runsheng	Database : the journal of biological databases and curation	2016	Vol.2016	baw057
40		Lateralization of gene expression in the honeybee brain during olfactory learning / Guo, Yu ; Wang, Zilong ; Li, You ; Wei, Guifeng ; Yuan, Jiao ; Sun, Yu ; Wang, Huan ; Qin, Qihong ; Zeng, Zhijiang ; Zhang, Shaowu ; Chen, Runsheng	Scientific reports	2016	Vol.6	34727
41		The long noncoding RNA ASNR regulates degradation of Bcl-2 mRNA through its interaction with AUF1 / Chen, Jiahui ; Liu, Lihui ; Wei, Guifeng ; Wu, Wei ; Luo, Huaxia ; Yuan, Jiao ; Luo, Jianjun ; Chen, Runsheng	Scientific reports	2016	Vol.6	32189

42		Generating a long DNA fragment of the target ncRNA for quantitative polymerase chain reaction by combining ncRNA-oligos hybridization and oligos ligation / Zeng, Zhen ; Zhou, Zheng ; Wang, Dan ; Wang, Zitian ; Yang, Huali ; Luo, Jianjun ; Chen, Run-Sheng	Journal of biotechnology	2016	Vol.217	41-48
43		Transcriptional profiling analysis and functional prediction of long noncoding RNAs in cancer / Yuan, Jiao ; Yue, Haiyan ; Zhang, Meiyang ; Luo, Jianjun ; Liu, Lihui ; Wu, Wei ; Xiao, Tengfei ; Chen, Xiaowei ; Chen, Xiaomin ; Zhang, Dongdong ; Xing, Rui ; Tong, Xin ; Wu, Nan ; Zhao, Jian ; Lu, Youyong ; Guo, Mingzhou ; Chen, Runsheng	Oncotarget	2016	Vol.7 (7)	8131-8142
44		LncRNA MT1JP functions as a tumor suppressor by interacting with TIAR to modulate the p53 pathway / Liu, Lihui ; Yue, Haiyan ; Liu, Qinghua ; Yuan, Jiao ; Li, Jing ; Wei, Guifeng ; Chen, Xiaomin ; Lu, Youyong ; Guo, Mingzhou ; Luo, Jianjun ; Chen, Runsheng	Oncotarget	2016	Vol.7 (13)	15787-15800
45		DRME: Count-based differential RNA methylation analysis at small sample size scenario / Liu, Lian ; Zhang, Shao-Wu ; Gao, Fan ; Zhang, Yixin ; Huang, Yufei ; Chen, Runsheng ; Meng, Jia	Analytical biochemistry	2016	Vol.499	15-23