

2021 年度研究所发表论文清单

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| 1 | STING1 is essential for an RNA-virus triggered autophagy | Autophagy, 2021, 1-13 | Rui Zhang, Xiaodong Qin, Yang Yang, Xueliang Zhu, Shuaiyang Zhao, Zhixiong Zhang, Qianlong Su, Zhixun Zhao, Xiangping Yin, Xuelian Meng, Zhidong Zhang, Yanmin Li* | 16.016 |
| 2 | Structural and molecular basis for foot-and-mouth disease virus neutralization by two potent protective antibodies | Protein Cell, 2021(Pt 3) | Dong H, Liu P, Bai M, Wang K, Feng R, Zhu D, Sun Y, Mu S, Li H, Harmsen M, Sun S, Wang X, Guo H* | 14.87 |
| 3 | Foot-and-mouth disease virus capsid protein VP1 antagonizes TPL2-mediated activation of the IRF3/IFN- β signaling pathway to facilitate the virus replication | Front Immunol, 2021, 11: 580334 | Hao J, Shen C, Wei N, Yan M, Zhang X, Xu G, Zhang D, Hou J, Cao W, Jin Y, Zhang K*, Zheng H*, Liu X | 7.561 |
| 4 | Virus-host interactions in foot-and-mouth disease virus infection | Front Immunol, 2021, 12: 571509 | Kangli Li, Congcong Wang, Fan Yang, Weijun Cao, Zixiang Zhu, Haixue Zheng* | 7.561 |
| 5 | Identification of different extracellular vesicles in the hydatid fluid of <i>Echinococcus granulosus</i> and immunomodulatory effects of 110K EVs on sheep PBMCs | Front Immunol, 2021, 12: 602717 | Yang J, Wu JE, Fu Y, Yan LJ, Li YT, Guo XL, Zhang YE, Wang XQ, Shen YJ, Cho WC, Zheng YD* | 7.561 |
| 6 | Ribosomal protein L13 participates in innate immune response induced by foot-and-mouth disease virus | Front Immunol, 2021, 12: 616402 | Junyong Guan, Shichong Han, Jin'en Wu, Yun Zhang, Manyuan Bai, Sahibzada Waheed Abdullah, Shiqi Sun, Huichen Guo* | 7.561 |
| 7 | <i>Fasciola gigantica</i> -derived excretory-secretory products alter the expression of mRNAs, miRNAs, | Front Immunol, 2021, 12:653755 | Wang SS, Chen D, He JJ, Zheng WB, Tian AL, Zhao GH, Elsheikha HM, Zhu XQ* | 7.561 |

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| | lncRNAs and circRNAs involved in the immune response and metabolism in goat peripheral blood mononuclear cells | | | |
| 8 | Structure of African swine fever virus and associated molecular mechanisms underlying infection and immunosuppression | Front Immunol, 2021, 12:715582 | Yue Wang, Weifang Kang, Wenping Yang, Jing Zhang, Dan Li, Haixue Zheng* | 7.561 |
| 9 | Research progress on the structure and function of G3BP | Front Immunol, 2021, 12:718548 | Weifang Kang, Yue Wang, Wenping Yang, Jing Zhang, Haixue Zheng*, Dan Li* | 7.561 |
| 10 | Transcriptome Profiling Reveals Features of Immune Response and Metabolism of Acutely Infected, Dead and Asymptomatic Infection of African Swine Fever Virus in Pigs | Front. Immunol, 2021, 12:808545 | Sun H, Niu Q, Yang J, Zhao Y, Tian Z, Fan J, Zhang Z, Wang Y, Geng S, Zhang Y, Guan G, Williams D, Luo J, Yin H, Liu Z | 7.561 |
| 11 | Activation and inhibition of the NLRP3 inflammasome by RNA viruses | J Inflamm Res, 2021, 14: 1145-1163 | SK Mohiuddin Choudhury, XuSheng Ma, Sahibzada Waheed Abdullah, HaiXue Zheng* | 6.922 |
| 12 | The PB1 protein of influenza A virus inhibits the innate immune response by targeting MAVS for NBR1-mediated selective autophagic degradation | PLoS Pathog, 2021, 17(2): e1009300 | Yan Zeng, Shuai Xu, Yanli Wei, Xuegang Zhang, Qian Wang, Yane Jia, Wanbing Wang, Lu Han, Zhaoshan Chen, Zhengxiang Wang, Bo Zhang, Hualan Chen, Cao-Qi Lei*, Qiyun Zhu* | 6.823 |
| 13 | JMJD6 negatively regulates cytosolic RNA induced antiviral signaling by recruiting RNF5 to promote activated IRF3 K48 ubiquitination | PLoS Pathog, 2021, 17(3): e1009366 | Wei Zhang, Qi Wang, Fan Yang, Zixiang Zhu, Yueyue Duan, Yang Yang, Weijun Cao, Keshan Zhang, Junwu Ma, Xiangtao Liu, Haixue Zheng* | 6.823 |
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| 19 | Development of an indirect chemiluminescence immunoassay using a multiepitope recombinant protein to specifically detect antibodies against foot-and-mouth disease virus serotype O in swine | J Clin Microbiol. 2021, 59(3): e02464-20 | Wei Liu, Junjun Shao*, Guanglei Zhang, Yanyan Chang, Sudan Ge, Yue Sun, Zhan Gao, Huiyun Chang* | 5.948 |
| 20 | The insufficient activation of RIG-I-like signaling pathway contributes to highly efficient replication of porcine picornaviruses in IBRS-2 cells | Mol Cell Proteomics, 2021, 20: 100147 | Xiangle Zhang, Fan Yang, Kangli Li, Weijun Cao, Yi Ru, Shuying Chen, Shasha Li, Xiangtao Liu, Zixiang Zhu*, Haixue Zheng* | 5.911 |
| 21 | Phosphoproteomic comparison of four eimeria tenella life cycle stages | Int J Mol Sci, 2021, 22(22): 12110 | Xueting Ma, Baohong Liu, Zhenxing Gong, Zigang Qu, Jianping Cai* | 5.9 |
| 22 | <i>Dipylidium caninum</i> draft genome-a new resource for comparative genomic and genetic explorations of flatworms | Genomics, 2021, 113(3): 1272-1280 | Liu GH, Korhonen PK, Young ND, Lu J, Wang T, Koehler A, Hofmann A, Chang BCH, Wang W, Li N, Lin CY, Zhang H, Xiangli L, Lin L, Liu WM, Li N, Li HW, Gasser RB, Zhu XQ | 5.736 |
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| 25 | Genetic evolution and implications of the mitochondrial genomes of two newly identified <i>Taenia</i> spp. in rodents from qinghai-tibet plateau | Front Microbiol, 2021, 12: 647119 | Wu YD, Li L, Fan YL, Ni XW, Ohiolei JA, Li WH, Li JQ, Zhang NZ, Fu BQ, Yan HB*, Jia WZ* | 5.64 |
| 26 | The role of type II fatty acid synthesis enzymes FabZ, ODSCI and ODSCII in the pathogenesis of <i>Toxoplasma gondii</i> infection | Front Microbiol, 2021, 12: 703059. | Xu, XP, Elsheikha HM, Liu WG, Zhang ZW, Sun LX, Liang QL, Song MX, Zhu XQ | 5.64 |
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| 77 | <i>In vitro</i> and <i>in vivo</i> analyses of co-infections with pestedes petits ruminants and capripox vaccine strains | Virol J, 2021, 18(1): 69 | Dajun Zhang, Bo Yang, Ting Zhang, Xijuan Shi, Chaochao Shen, Haixue Zheng, Xiangtao Liu, Keshan Zhang* | 4.099 |
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