

2021 年度研究所发表论文清单

序号	论文名称	杂志名称, 年, 卷, 页	作者	IF
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
14	Functional characterization of 17 protein serine/threonine phosphatases in virulent <i>Toxoplasma gondii</i> using CRISPR-Cas9 system.	Front. Cell Dev. Biol. 2021	Liang, Q.L., Nie, L.B., Li, T.T., Elsheikha, H.M., Sun, L.X., Zhang, Z.W., Zhao, D.Y., Zhu, X.Q., Wang, J.L.	6.684

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15	Bi-functional gold nanocages enhance specific immunological responses of foot-and-mouth disease virus-like particles vaccine as a carrier and adjuvant.	Nanomed-Nanotechnol, 2021, 33: 102358	Teng Z, Sun S, Luo X, Zhang Z, Seo H, Xu X, Huang J, Dong H, Mu S, Du P, Zhang Z, Guo H.	6.458
16	Identification of a new cell-penetrating peptide derived from the african swine fever virus CD2v protein	Drug Deliv, 2021, 28(1): 957-962.	Yang S, Zhang X, Cao Y, Li S, Shao J, Sun S, Guo H, Yin S*	6.419
17	The genome of the thin-necked bladder worm <i>Taenia hydatigena</i> reveals evolutionary strategies for helminth survival	Commun Biol, 2021, 4(1): 1004	Wang S, Liu XL, Liu ZL, Wang YG, Guo AJ, Huang WL, Wang QH, Zhang SH, Zhu G, Luo XN, Zhu XQ, Cai XP	6.268
18	Pan-Cancer analysis reveals common and specific relationships between intragenic miRNAs and their host genes	Biomedicines, 2021, 9(9): 1263	Baohong Liu, Yu Shyr, Qi Liu*	6.08
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
23	Role of cpxA mutations in the resistance to	Front Microbiol, 2021,	Wenxian Jing, Juan Liu, Shanshan Wu, Xuerui Li,	5.64

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	aminoglycosides and b-Lactams in salmonella enteric serovar typhimurium	12: 604079	Yongsheng Liu*	
24	Development of a potential penside colorimetric LAMP assay using neutral red for detection of African swine fever virus	Front Microbiol, 2021, 12: 609821	Yang Wang, Junfei Dai, Yongsheng Liu, Jifei Yang, Qian Hou, Yunwen Ou, Yaozhong Ding, Bing Ma, Haotai Chen, MiaoMiao Li, Yuefeng Sun, Haixue Zheng, Keshan Zhang, Ashenafi Kiros Wubshet, Alexei D Zaberezhny, Taras IAliper, Kazimierz Tarasiuk, Zygmunt Pejsak, Zhijie Liu, Yongguang Zhang, Jie Zhang*	5.64
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
27	ID1 inhibits foot-and-mouth disease virus replication via targeting of interferon pathways	FEBS J, 2021, 288: 4364–4381	Tingting Ren, Haotai Chen, Xinsheng Liu, Yanxue Wang, Aixia Fan, Linlin Qi, Li Pan, Wenlong Bai, Yongguang Zhang, Yuefeng Sun	5.542
28	Dysregulation of the RIG-I-like receptor pathway signaling by peste des petits ruminants virus phosphoprotein	J Immunol, 2021, 206(3): 566-579	Pengfei Li, Zixiang Zhu, Weijun Cao, Fan Yang, Xusheng Ma, Hong Tian, Keshan Zhang*, Xiangtao Liu, Haixue Zheng*	5.422
29	African swine fever virus MGF-505-7R negatively regulates cGAS-STING-mediated signaling pathway	J Immunol, 2021, 206(8): 1844-1857	Dan Li, Wenping Yang, Lulu Li, Pan Li, Zhao Ma, Jing Zhang, Xiaolan Qi, Jingjing Ren, Yi Ru, Qingli Niu, Zhijie Liu, Xiangtao Liu, Haixue Zheng	5.422

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30	IFIT5 negatively regulates the type I IFN pathway by disrupting TBK1-IKK ϵ -IRF3 signalosome and degrading IRF3 and IKK ϵ	J Immunol, 2021, 206(9): 2184-2197	Na Zhang, Han Shi, Miaomiao Yan, Guangliang Liu	5.422
31	Porcine epidemic diarrhea virus membrane protein interacted with IRF7 to inhibit type I IFN production during viral infection	J Immunol, 2021 Jun 14: ji2001186	Li S, Zhu Z, Yang F, Cao W, Yang J, Ma C, Zhao Z, Tian H, Liu X, Ma J, Xiao S, Zheng H	5.422
32	Theileria annulata subtelomere-encoded variable secreted protein-TA05575 binds to bovine RBMX2.	Front Cell Infect Microbiol, 2021, 11: 644983	Li Z, Liu J, Zhao S, Ma Q, Liu A, Li Y, Guan G, Luo J, Yin H	5.293
33	Systematic comparison of the performances of De Novo genome assemblers for oxford nanopore technology reads from piroplasm	Front Cell Infect Microbiol, 2021, 11: 696669	Wang J, Chen K, Ren Q, Zhang Y, Liu J, Wang G, Liu A, Li Y, Liu G, Luo J, Miao W, Xiong J, Yin H, Guan G	5.293
34	Sec62 regulates endoplasmic reticulum stress and autophagy balance to affect foot-and-mouth disease virus replication	Front Cell Infect Microbiol, 2021, 11: 707107	Jin'en Wu, Zhihui Zhang, Zhidong Teng, Sahibzada Waheed Abdullah, Shiqi Sun, Huichen Guo	5.293
35	Functional intricacy and symmetry of long non-coding RNAs in parasitic infections	Front Cell Infect Microbiol, 2021, 11: 751523	Olajide JS, Olopade B, Cai J	5.293
36	Picornavirus 3C-protease ensuring virus replication and subverting host responses	J Cell Sci, 2021, 134(5): jcs253237	Jiamin Yi, Jiangling Peng, Wenping Yang, Guoqiang Zhu, Jingjing Ren, Dan Li, Haixue Zheng*	5.285
37	African swine fever virus MGF-505-7R protein acts as a major virulence factor by evading JAK1- and JAK2-mediated signaling	J Biol Chem, 2021, 101190	Dan Li, Jing Zhang, Wenping Yang, Pan Li, Yi Ru, LuLu Li, Yong Ran, Haixue Zheng	5.157
38	Foot-and-mouth disease virus structural protein VP1 destroys the stability of TPL2 trimer by degradation TPL2 to evade host antiviral immunity	J Virol, 2020, 95(7): e02149-20	Keshan Zhang, Minghao Yan, Junhong Hao, Chaochao Shen, Zixiang Zhu, Dajun Zhang, Jing Hou, Guowei Xu, Dan Li, Haixue Zheng*, Xiangtao Liu	5.103

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39	Nucleolin promotes IRES-driven translation of foot-and-mouth disease virus by supporting the assembly of translation initiation complexes	J Virol, 2021, 95(13): e0023821	Han S, Wang X, Guan J, Wu J, Zhang Y, Li P, Liu Z, Abdullah SW, Zhang Z, Jin Y, Sun S, Guo H	5.103
40	A heat-induced mutation on VP1 of FMDV serotype O enhanced capsid stability and the immunogenicity.	J Virol.2021,95(16): e0017721	Dong H, Lu Y, Zhang Y, Mu S, Wang N, Du P, Zhi X, Wen X, Wang X, Sun S, Zhang Y, Guo H.	5.103
41	African Swine Fever Virus E120R Protein Inhibits Interferon Beta Production by Interacting with IRF3 To Block Its Activation	J Virol, 2021, 95(18): e0082421	Huisheng Liu, Zixiang Zhu, Tao Feng, Zhao Ma, Qiao Xue, Panxue Wu, Pan Li, Shasha Li, Fan Yang, Weijun Cao, Zhaoning Xue, Hongjun Chen, Xiangtao Liu, Haixue Zheng	5.103
42	Foot-and-mouth disease virus VP3 protein acts as a critical proinflammatory factor by promoting toll-like receptor 4-mediated signaling	J Virol, 2021, 95(23): e0112021	Jing Zhang, Dan Li, Wenping Yang, Yue Wang, Lulu Li, Haixue Zheng	5.103
43	Two cross-protective antigen sites on foot-and-mouth disease virus serotype O structurally revealed by broadly neutralizing antibodies from cattle.	J Virol, 2021, 95(21): e00881-21	Li K#, He Y#, Wang L#, Li P#, Wang S, Sun P, Bao H, Cao Y, Liu X, Zhu G, Song Y, Bai X, Ma X, Fu Y, Yuan H, Zhang J, Wang J, Chen Y, Li D, Lou Z*, Liu Z*, Lu Z*	5.103
44	A QP509L/QP383R-deleted African swine fever virus is highly attenuated in swine but does not confer protection against parental virus challenge	J Virol, 2021, JVI0150021	Dan Li, Panxue Wu, Huanan Liu, Tao Feng, Wenping Yang, Yi Ru, Pan Li, Xiaolan Qi, Zhengwang Shi, Haixue Zheng	5.103
45	Antigenicity and immunogenicity analysis of the <i>E. Coli</i> expressed FMDV structural proteins; VP1, VP0, VP3 of the South African Territories type 2 virus	Viruses, 2021, 13(6): 1005	Guoxiu Li, Ashenafi Kiros Wubshet, Yaozhong Ding, Qian Li, Junfei Dai, Yang Wang, Qian Hou, Jiao Chen, Bing Ma, Anna Szczotka-Bochniarz, Susan Szathmary, Yongguang Zhang, Jie Zhang	5.048
46	DDX21, a host restriction factor of FMDV-IRES dependent translation and replication	Viruses, 2021, 13(9): 1765	Sahibzada Waheed Abdullah, Jin'en Wu, Yun Zhang, Manyuan Bai, Junyong Guan, Xiangtao Liu, Shiqi Sun, Huichen Guo	5.048

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47	Construction, identification and analysis of the interaction network of African swine fever virus MGF360-9L with host proteins	Viruses, 2021, 13(9): 1804	Bo Yang, Dajun Zhang, Xijuan Shi, Chaochao Shen, Yu Hao, Ting Zhang, Jinke Yang, Xingguo Yuan, Xuehui Chen, Dengshuai Zhao, Huimei Cui, Dan Li, Zixiang Zhu, Hong Tian, Fan Yang, Haixue Zheng, Keshan Zhang, Xiangtao Liu	5.048
48	Lymphopenia caused by virus infections and the mechanisms beyond	Viruses, 2021, 13(9): 1876	Zijing Guo, Zhidong Zhang, Meera Prajapati, Yanmin Li*	5.048
49	Interleukin-10-mediated lymphopenia caused by acute infection with foot-and-mouth disease virus in mice	Viruses, 2021, 13(9): 2358	Zijing Guo, Yin Zhao, Zhidong Zhang*, Yanmin Li*	5.048
50	Immune responses to orally administered recombinant lactococcus lactis expressing multi-epitope proteins targeting M cells of foot-and-mouth disease virus	Viruses, 2021, 13(10): 2036	Fudong Zhang, Zhongwang Zhang, Xian Li, Jiahao Li, Jianliang Lv, Zhongyuan Ma, Li Pan*	5.048
51	Research advances on the interactions between rabies virus structural proteins and host target cells: accrued knowledge from the application of reverse genetics systems	Viruses, 2021, 13(11): 2288	Juanbin Yin, Xiangwei Wang, Ruoqing Mao, Zhixiong Zhang, Xin Gao, Yingying Luo, Yuefeng Sun*, Xiangping Yin*	5.048
52	PCR-RFLP assay confirms the existence of different mitochondrial lineages of <i>Taenia hydatigena</i> including a possible geographically restricted group	Transbound Emerg Dis, 2021. doi: 10.1111/tbed.14151	Ohiolei JA, Yan HB, Li L, Alvi MA, Muku RJ, Wu YD, Zhang NZ, Li WH, Guo AM, Wang XL, Fu BQ, Jia WZ*	5.005
53	LAMP assay coupled with CRISPR/Cas12a system for portable detection of African swine fever virus	Transbound Emerg Dis, 2021, doi: 10.1111/tbed.14285	Bo Yang, Zhengwang Shi, Yuan Ma, Lijuan Wang, Liyan Cao, Juncong Luo, Ying Wan, Rui Song, Yiyong Yan, Kehu Yuan, Hong Tian, Haixue Zheng	5.005
54	Antigenicity and immunogenicity of recombinant proteins comprising African swine fever virus proteins p30 and p54 fused to a cell-penetrating peptide	Int Immunopharmacol, 2021, 29, 101(Pt A): 108251	Zhang G, Liu W, Gao Z, Yang S, Zhou G, Chang Y, Ma Y, Liang X, Shao J, Chang H	4.932
55	Development and application of a colloidal-gold dual immunochromatography strip for detecting African	Appl Microbiol Biot, 2021 Dec 23 doi:	Ying Wan, Zhengwang Shi, Gaochaung Peng, Lijuan Wang, Juncong Luo, Yi Ru, Gaijing	4.813

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	swine fever virus antibodies	10.1007/s00253-021-11706-z	Zhou,Yuan Ma,Rui Song,Bo Yang Li yanCao,HongTian, HaixueZheng	
56	microRNA-21: a key modulator in oncogenic viral infections	RNA Biol, 2021, 18(5): 809–817	He GT, Ding JT, Zhang YE, Cai MT, Yang J, Cho WC, Zheng YD	4.652
57	Amber codon is genetically unstable in generation of premature termination codon (PTC)-harbouring foot-and-mouth disease virus (FMDV) via genetic code expansion	RNA Biol, 2021, 18(12): 2330-2341	Rongzeng Hao, Kun Ma, Yi Ru, Dan Li, Gaoyuan Song, Bingzhou Lu, Huanan Liu, Yajun Li, Jiaoyan Zhang, Chunping Wu, Guicai Zhang, Haitao Hu, Jianxun Luo*, Haixue Zheng*	4.652
58	Evaluation and optimization of antibiotics resistance profile against clostridium perfringens from buffalo and cattle in Pakistan	Antibiotics, 2021, 10(1): 59	Muhammad Umar Zafar Khan, Muhammad Humza, Shunli Yang, Muhammad Zahid Iqbal, Xiao Xu, and Jianping Cai*	4.639
59	Analysis of microorganism diversity in haemaphysalis longicornis from Shaanxi, China, based on metagenomic sequencing	Front Genet, 2021, 12: 723773	Cao R, Ren Q, Luo J, Tian Z, Liu W, Zhao B, Li J, Diao P, Tan Y, Qiu X, Zhang G, Wang Q, Guan G, Luo J, Yin H, Liu G	4.599
60	MicroRNA-1 expression and function in hyalomma anatolicum anatolicum (Acari: Ixodidae) ticks	Front Physiol, 2021, 12: 596289	Luo J, Ren Q, Liu W, Qiu X, Zhang G, Tan Y, Cao R, Yin H, Luo J, Li X, Liu G	4.566
61	Clostridium butyricum supplement can ameliorate the intestinal barrier roles in broiler chickens experimentally infected with clostridium perfringens	Front Physiol, 2021, 12: 737481	Xiao Xu, Shunli Yang, Joshua Seun Olajide, Zigang Qu, Zhenxing Gong, Jing Wang, Yanbing Zhang, Heng Wang, Ling Xiong, Kun Zhang, Enmin Zhou*, Jianping Cai*	4.566
62	Occurrence and toxicogenetic profiling of clostridium perfringens in buffalo and cattle: an update from Pakistan	Toxins, 2021, 13(3): 212	Muhammad Umar Zafar Khan, Muhammad Humza, Shunli Yang, Mughees Aizaz Alvi, Muhammad Zahid Iqbal, Hafiza Zain-ul-Fatima, Shumaila Khalid, Tahir Munir, Jianping Cai*	4.546

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63	Four Simple Biomimetic Mineralization Methods to Improve the Thermostability and Immunogenicity of Virus-like Particles as a Vaccine against Foot-and-Mouth Disease	Vaccines,2021, 9:891	Mengnan Guo, Jiajun Li, Zhidong Teng, Mei Ren, Hu Dong, Yun Zhang, Jiayi Ru, Ping Du, Shiqi Sun, Huichen Guo *	4.422
64	Selection of vaccine candidate for foot-and-mouth disease virus serotype o using a blocking enzyme-linked immunosorbent assay	Vaccines, 2021, 9(4): 387	Cao Y, Li K, Xing X, Bao H, Huang N, Zhu G, Bai X, Sun P, Fu Y, Li P, Zhang J, Ma X, Li D, Liu Z*, Lu Z*	4.422
65	Evaluation of four commercial vaccines for the protection of piglets against the highly pathogenic porcine reproductive and respiratory syndrome virus (hp-PRRSV) QH-08 strain	Vaccines, 2021, 9(9): 1020	Yaozhong Ding*, Ashenafi Kiros Wubshet, Xiaolong Ding, Zhongwang Zhang, Qian Li, Junfei Dai, Qian Hou, Yonghao Hu, Jie Zhang	4.422
66	African Swine Fever Virus F317L Protein Inhibits NF- κ B Activation To Evade Host Immune Response and Promote Viral Replication	mSphere,2021,6(5):e0065821	Jinping Yang,Shasha Li,Tao Feng,Xiangle Zhang,Fan Yang,Weijun Cao,Hongjun Chen,,Huisheng Liu,,Keshan Zhang,Zixiang Zhu,Haixue Zheng	4.389
67	PDGFRB is a potential prognostic biomarker and correlated with immune infiltrates in gastric cancer	Cancer Biomarkers, 1 (2021) 1–14. doi: 10.3233/CBM-210335	Liu, Baohong; Xiao, Xingxing; Lin, Ziqin; Lou, Yongliang; Zhao, Lingling	4.388
68	African swine fever virus MGF-110-9L-deficient mutant has attenuated virulence in pigs	Virol Sin, 2021, 36(2): 187-195	Dan Li, Yinguang Liu, Xiaolan Qi, Yuan Wen, Pan Li, Zhao Ma, Yongjie Liu, Haixue Zheng*, Zhijie Liu*	4.327
69	Foot-and-mouth disease virus inhibits RIP2 protein expression to promote viral replication	Virol Sin, 2021, 36(4): 608-622	Huisheng Liu, Qiao Xue, Zixiang Zhu, Fan Yang, Weijun Cao, Xiangtao Liu, Haixue zheng*	4.327
70	Porcine picorna virus 3C protease degrades PRDX6 to impair PRDX6-mediated antiviral function	Virol Sin, 2021, 36(5): 948-957	Congcong Wang, Huanhuan Feng, Xiangle Zhang, Kangli Li, Fan Yang, Weijun Cao, Huisheng Liu, Lili Gao, Zhaoning Xue, Xiangtao Liu, Zixiang Zhu*, Haixue Zheng*	4.327
71	Porcine bocavirus: a 10-year history since its	Virol Sin, 2021, 28,	Manita Aryal, Guangliang Liu	4.327

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	discovery	1-12		
72	Gut bacteria formation and influencing factors	FEMS Microb Ecol, 2021, 97: fiab043	Yang J, Wu JE, Li YT, Zhang YE, Cho WC, Ju XH, van Schothorst EM, Zheng YD	4.194
73	Transcriptome analysis and autophagy investigation of LoVo cells stimulated with exosomes derived from <i>T. asiatica</i> adult worms	Microorganisms, 2021, 9(5): 994	Liang P, Li Y, Mao L, Liu T, Zhang S, Ehsan M, Wang L, Guo A, Chen G, Luo X	4.128
74	Exosomal microRNA let-7-5p from <i>Taenia pisiformis</i> cysticercus prompted macrophage to M2 polarization through inhibiting the expression of C/EBP δ	Microorganisms, 2021, 9(7): 1403	Wang L, Liu T, Chen G, Li Y, Zhang S, Mao L, Liang P, Fasihi Harandi M, Li T, Luo X	4.128
75	RAA-Cas12a-Tg: a nucleic acid detection system for <i>Toxoplasma gondii</i> based on CRISPR-Cas12a combined with recombinase-aided amplification (RAA)	Microorganisms, 2021, 9(8): 1644	Ma QN, Wang M, Zheng LB, Lin ZQ, Ehsan M, Xiao XX, Zhu XQ	4.128
76	Identification and screening of host proteins interacting with ORFV-ORF047 protein	Virol J, 2021, 18(1): 27	Chen Guohua, He Xiaobing, Jia Huaijie, Fang Yongxiang, Wang Xiaoxia, Lou Zhongzi, Yang Fan, Li Weike*, Jing Zhizhong*	4.099
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
78	Development of an indirect ELISA to specifically detect antibodies against African swine fever virus: bioinformatics approaches	Virol J, 2021, 18(1): 97	Zhan Gao, Jun-jun Shao, Guang-Lei Zhang, Su-Dan Ge, Yan-Yan Chang, Lei-Xiao, Hui-Yun Chang*	4.099
79	Mechanism of interaction between virus and host is inferred from the changes of gene expression in macrophages infected with African swine fever virus CN/GS/2018 strain	Virol J, 2021, 18(1): 170	Bo Yang, Chaochao Shen, Dajun Zhang, Ting Zhang, Xijuan Shi, Jinke Yang, Yu Hao, Dengshuai Zhao, Huimei Cui, Xingguo Yuan, Xuehui Chen, Keshan Zhang *, Haixue Zheng *, Xiangtao Liu	4.099

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80	Development of a competitive chemiluminescence immunoassay using a monoclonal antibody recognizing 3B of foot-and-mouth disease virus for the rapid detection of antibodies induced by FMDV infection	Virology, 2021, 18(1): 193	Liu W, Zhang G, Yang S, Li J, Gao Z, Ge S, Yang H, Shao J, Chang H	4.099
81	Identification and expression profiling of circulating microRNAs in serum of <i>Cysticercus pisiformis</i> -infected rabbits	Genes, 2021, 12: 1591	Chen GL, Wang LQ, Liu TL, Li YP, Zhang SH, Li H, Luo XN	4.096
82	Proteomic alterations in the plasma of Beagle dogs induced by <i>Toxocara canis</i> infection	J Proteomics, 2021, 232(2): 104049	Zheng WB, Zou Y, He JJ, Liu GH, Hu MH, Zhu XQ	4.044
83	Global profiling of lncRNAs-miRNAs-mRNAs reveals differential expressions of coding genes and non-coding RNAs in the lung of Beagle dogs at different stages of <i>Toxocara canis</i> infection	Int J Parasitol, 2021, 51(1): 49-61	Zheng WB, Zou Y, He JJ, Elsheikha HM, Liu GH, Hu MH, Wang SL, Zhu XQ	3.981
84	Differential expression of microRNAs and tRNA fragments mediate the adaptation of the liver fluke <i>Fasciola gigantica</i> to its intermediate snail and definitive mammalian hosts	Int J Parasitol, 2021, 51(5): 405-414	Hu RS, Zhang XX, Ma QN, Elsheikha HM, Ehsan M, Zhao Q, Fromm B, Zhu XQ	3.981
85	Th17 cell differentiation induced by cytopathogenic biotype BVDV-2 in bovine PBLs	BMC Genomics, 2021, 22: 884-897	Yanping Li, Tingli Liu, Guoliang Chen, Liqun Wang, Aimin Guo, Zhi Li, Li Pan, Li Mao* and Xuenong Luo*.	3.969
86	Isolation and characterization of porcine monoclonal antibodies revealed two distinct serotype-independent epitopes on VP2 of foot-and-mouth disease virus	J Gen Virol, 2021, 102(7)	Li K, Zhu G, Zhou S, Sun P, Wang H, Bao H, Fu Y, Li P, Bai X, Ma X, Zhang J, Li D, Chen Y, Liu Z, Cao Y*, Lu Z*	3.891

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87	Mitochondrial genomes of two eucotylics as the first representatives from the superfamily Microphalloidea (Trematoda) and phylogenetic implications	Parasit Vectors, 2021, 14: 48	Suleman Muhammad N, Khan MS, Tkach VV, Ullah H., Ehsan M, Ma J, Zhu XQ	3.876
88	<i>Fasciola gigantica</i> tegumental calcium-binding EF-hand protein 4 (Fg-CaBP4) exerts immunomodulatory effects on goat monocytes	Parasit Vectors, 2021, 14:2 76	Ehsan M, Hu RS, Hou JL, Elsheikha HM, Li XD, Liang PH, Zhang ZW, Zhu XQ	3.876
89	Screening and identification of <i>Theileria annulata</i> subtelomere-encoded variable secreted protein-950454 (SVSP454) interacting proteins from bovine B cells	Parasit Vectors, 2021, 14(1): 319	Li Z, Liu J, Ma Q, Liu A, Li Y, Guan G, Luo J, Yin H	3.876
90	A systematic review and meta-analysis on prevalence and distribution of <i>Taenia</i> and <i>Echinococcus</i> infections in Ethiopia	Parasit Vectors, 2021, 14(1): 447	Shumuye NA, Ohiolei JA, Gebremedhin MB, Yan HB, Li L, Li WH, Zhang NZ, Fu BQ, Jia WZ*	3.876
91	Stable transfection system for <i>Babesia</i> sp. Xinjiang	Parasit Vectors, 2021, 14(1): 463	Wang J, Wang X, Guan G, Yang J, Liu J, Liu A, Li Y, Luo J, Yin H	3.876
92	Identification and evaluation of midgut protein RL12 of <i>Dermacentor silvarum</i> interacting with <i>Anaplasma ovis</i> VirD4.	Ticks Tick Borne Dis,2021,12(3):101677	Iqbal N, Mukhtar MU, Yang J, Niu Q, Li Z, Zhao S, Zhao Y, Guan G, Liu Z, Yin H.	3.741
93	Cross-priming amplification targeting the 18S rRNA gene for the rapid diagnosis of <i>Babesia bovis</i> infection	Ticks Tick Borne Dis, 2021, 12(4): 101713	Wang J, Gao S, Yang J, Liu J, Li Y, Luo J, Guan G, Yin H	3.741
94	Molecular detection and subtype distribution of <i>Blastocystis</i> in farmed pigs in southern China	Microb Pathog, 2021, 151: 104751	Zou Y, Yang WB, Zou FC, Lin RQ, Zhu XQ, Hou JL	3.738
95	Research progress on live attenuated vaccine against African swine fever virus	Microb Pathog, 2021, 158: 105024	Le Liu, Xiangwei Wang, Ruoqing Mao, Yahua Zhou, Juanbin Yin, Yuefeng Sun*, Xiangping Yin*	3.738

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96	Effective improvements to the live-attenuated Newcastle disease virus vaccine by polyethylenimine-based biomimetic silicification	Vaccine,2021,doi.org/10.1016/j.vaccine	Jinjin Zhang, Yanhong Ji, Zhengxiang Wang, Yane Jia, Qiyun Zhu *	3.641
97	Immune evasion of Mycoplasma bovis	Pathogens, 2021, 10(3): 297	Askar H, Chen S, Hao H, Yan X, Ma L, Liu Y, Chu Y	3.492
98	Degradation of Host Proteins and Apoptosis Induced by Foot-and-Mouth Disease Virus 3C Protease	Pathogens,2021,10:1566	Jiamin Yi, Jiangling Peng, Jingjing Ren, Guoqiang Zhu, Yi Ru, Hong Tian, Dan Li * ,Haixue Zheng *	3.492
99	Functional characterization of two thioredoxin proteins of <i>Toxoplasma gondii</i> using the CRISPR-Cas9 system	Front Vet Sci, 2021, 7: 614759	Zhang ZW, Li TT, Wang JL, Liang QL, Zhang HS, Sun LX, Zhu XQ	3.412
100	Inhibition of eIF2 α phosphorylation by peste des petits ruminant virus phosphoprote in facilitates viral replication	Front Vet Sci, 2021, 8: 645571	Niyokwishimira Alfred, Bang Qian, Xiaodong Qin, Xiangping Yin, Meera Prajapati, Yongxi Dou, Yanmin Li, Zhidong Zhang*	3.412
101	Molecular evidence of bartonella melophagi in ticks in border areas of Xinjiang, China	Front Vet Sci, 2021, 8: 675457	Ni J, Ren Q, Lin H, Aizezi M, Luo J, Luo Y, Ma Z, Chen Z, Liu W, Guo J, Qu Z, Xu X, Wu Z, Tan Y, Wang J, Li Y, Guan G, Luo J, Yin H, Liu G	3.412
102	Comparative transcriptome analyses of the developmental stages of <i>Taenia multiceps</i>	Front Vet Sci, 2021, 8: 677045	Li WH*, Yang Y, Zhang NZ, Wang JK, Liu YJ, Li L, Yan HB, Jia WZ, Fu BQ*	3.412
103	Molecular survey of tick-borne pathogens reveals diversity and novel organisms with veterinary and public health significance in wildlife from a national nature reserve of China	Front Vet Sci, 2021, 8: 682963	Yang J, Wang X, Wang J, Liu Z, Niu Q, Mukhtar MU, Guan G, Yin H	3.412
104	Construction and analysis of coexpression network to understand biological responses in chickens infected by <i>Eimeria tenella</i>	Front Vet Sci, 2021, 8: 688684	Baohong Liu, Xueting Ma, Jianping Cai	3.412
105	Recent development of ruminant vaccine against viral	Front Vet Sci, 2021, 8:	Sk Mohiuddin Choudhury, XuSheng Ma, Wen Dang,	3.412

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	diseases	697194	YuanYuan Li, HaiXue Zheng*	
106	Advanced research in porcine reproductive and respiratory syndrome virus co-infection with other pathogens in swine	Front Vet Sci, 2021, 8: 699561	Dengshuai Zhao, Bo Yang, Xingguo Yuan, Chaochao Shen, Dajun Zhang, Xijuan Shi, Ting Zhang, Huimei Cui, Jinke Yang, Xuehui Chen, Yu Hao, Haixue Zheng*, Keshan Zhang*, Xiangtao Liu	3.412
107	Probiotics isolated from animals in northwest China improve the intestinal performance of mice	Front Vet Sci, 2021, 8: 750895	Li Y, Jia D, Wang J, Li H, Yin X, Liu J, Wang J, Guan G, Luo J, Yin H, Xiao S, Li Y	3.412
108	Structural and evolutionary adaptation of NOD-like receptors in birds	Biomed Res Int, 2021, 2021: 5546170	Xueting Ma, Baohong Liu, Zhenxing Gong, Xinmao Yu, Jianping Cai	3.411
109	Identifcation of a novel aichivirus D in sheep	Infect Genet Evol, 2021, 91: 104810	Keha-mo Abi, zhonghua Yu, Zhi Zhong Jing*, Cheng Tang*	3.342
110	<i>Hydatigera taeniaeformis</i> in urban rats (<i>Rattus rattus</i>) in Faisalabad, Pakistan	Infect Genet Evol, 2021, 92: 104873	Alvi MA, Li L, Ohiolei JA, Qamar W, Saqib M, Tayyab MH, Altaf J, Ashfaq K, Hassan A, Jamal M, Wahab A, Alvi AA, Usman M, Bajwa MRK, Fu BQ, Yan HB*, Jia WZ*	3.342
111	Screening of host genes regulated by ID1 and ID3 proteins during foot-and-mouth disease virus infection	Virus Res, 2021, 306: 198597	Yingying Luo, Guangxiang Wang, Tingting Ren, Tianliang Zhang, Haotai Chen, Yanmin Li, Xiangping Yin*, Zhidong Zhang*, Yuefeng Sun*	3.303
112	Development and validation of a competitive ELISA based on virus-like particles of serotype Senecavirus A to detect serum antibodies	AMB Express, 2021, 11(1): 7	Bai M, Wang R, Sun S, Zhang Y, Dong H, Guo H	3.298
113	A new molecular nomenclature for <i>Taenia hydatigena</i> : mitochondrial DNA sequences reveal sufficient diversity suggesting the assignment of major haplotype divisions	Parasitology, 2021, 148(3): 311-326	Ohiolei JA, Yan HB, Li L, Li WH, Wu YD, Alvi MA, Zhang NZ, Fu BQ, Wang XL, Jia WZ*	3.234
114	<i>Echinococcus shiquicus</i> in Qinghai-Tibet plateau:	Parasitology, 2021,	Yan HB*, Li L, Li WH, Zhu GQ, Li JQ, Wu YT, Zhang	3.234

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	population structure and confirmation of additional endemic areas	148(7): 879-886	NZ, Wu YD, Li M, Zhang LS, Yao G, Tian WJ, Li L, Li WJ, Guo AM, Dai GD, Fu BQ, Ohiolei JA, Jia WZ*	
115	Comparative analysis of different extracellular vesicles secreted by <i>Echinococcus granulosus</i> protoscoleces	Acta Tropica, 2021, 213: 105756	Wu JE, Cai MT, Yang J, Li YT, Ding JT, Kandil OM, Kuttyrev I, Ayaz M, Zheng YD	3.112
116	Primary characterization of the immune responses in Tibetan pigs infected with Chinese Tibet isolate of <i>Trichinella spiralis</i>	BMC Vet Res, 2021, 17(1): 94	Tingting L, Wenhui L*, Nianzhang Z, Zigang Q, Ohiolei JA, Li L, Hongbin Y, Wanzhong J, Baoquan F	2.741
117	A universal ELISA assay for detecting six strains of ovine Babesia species in China	Vet Parasitol, 202, 300: 109616	Xu J, Wang J, Li Z, He X, Zhao S, Ma Q, Li X, Liu J, Liu A, Li Y, Yin H, Luo J, Guan G	2.738
118	Micropathogen community identification in ticks (Acari: Ixodidae) using third-generation sequencing	Int J Parasitol Parasites Wildl, 202, 15: 238-248	Luo J, Ren Q, Liu W, Li X, Hong Yin, Song M, Bo Zhao, Guan G, Luo J, Liu G	2.674
119	The rescue and selection of thermally stable type O vaccine candidate strains of foot-and-mouth disease virus	Arch Virol, 2021, 166(8): 2131-2140	Gao Y, Li P, Ma X, Bai X, Sun P, Du P, Yuan H, Cao Y, Li K, Fu Y, Zhang J, Bao H, Chen Y, Li Z, Lu Z*, Liu Z*, Li D*	2.574
120	Icariin, formononetin and caffeic acid phenethyl ester inhibit feline calicivirus replication <i>in vitro</i> adenovirus-vectored	Arch Virol, 2021, 166(9): 2443-2450	Zhanding Cui, Qian Wang, Dengliang Li, Shihui Zhao, Qian Zhang, Yuxin Tan, Qianwen Gong, Ting Liu, Jiang Shao, Shuang Zhang, Hailong Huang, Junzheng Wang, Zhihua Pei, Hao Dong, Kai Wang, Guixue Hu, Zhiyong Li	2.574
121	Lactobacillus animalis pZL8a: a potential probiotic isolated from pig feces for further research	3 Biotech, 2021, 11(3): 132	Jia D, Wang Y, Wang J, Liu J, Li H, Liu A, Wang J, Guan G, Luo J, Yin H, Li Y	2.406
122	Analysis and sequence alignment of peste des petits ruminants virus China SX2020	Vet Sci, 2021, 8(11): 285	Lingxia Li, Jinyan Wu, Xiaolan Cao, Jijun He, Xiangtao Liu, Youjun Shang*	2.304
123	MyD88 Mediates Colitis- and RANKL-Induced Microfold Cell Differentiation	Veterinary Sciences, 2021,doi: 10.3390/vetsci9010006	Yang Li, Shanshan Yang, Xin Huang, Ning Yang, Caiying Wang, Jing Zhao, Zhizhong Jing, Luc Willems, Guangliang Liu	2.304

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124	<i>Toxoplasma gondii</i> induces metabolomic disturbances in the hippocampus of BALB/c mice	Parasitol Res, 2021, 120(8): 2805-2818	Ma J, He JJ, Wang M, Hou JL, Elsheitka HM, Zhu XQ	2.289
125	Mitochondrial genome of <i>Theileria uilenbergi</i> endemic in sheep and goats in China.	Parasitol Res, 2021, 120(10): 3429-3436	Tian Z, Gao S, Ren Q, Du J, Guan G, Liu G, Luo J, Yin H	2.283
126	Establishment of a transient transfection system for <i>Babesia</i> sp. Xinjiang using homologous promoters	Parasitol Res, 2021, 120(10): 3625-3630	Wang X, Wang J, Liu J, Yang J, Lv Z, Liu A, Li Y, Li Y, Lan H, Liu G, Luo J, Guan G, Yin H	2.283
127	The nucleotide usages significantly impact synonymous codon usage in <i>mycoplasma hyorhinis</i>	J Basic Microbio, 2021, 61: 133-146	Yaqin Wu, Li Jin, Yicong Li, Derong Zhang, Yongqing Zhao, Yuefeng Chu, Zhongren Ma, Xiaoxia Ma, Youjun Shang*	2.281
128	Extracellular vesicles from <i>Fasciola gigantica</i> induce cellular response to stress of host cells	Exp Parasitol, 2021, 231: 108173	Guo A, Wang L, Meng X, Zhang S, Sheng Z, Luo X, Huang W, Wang S, Cai X	2.011
129	Serological investigations of peste des petits ruminants in cattle of Nepal	Vet Med Sci, 2021, 7: 122-126	Meera Prajapati, Swoyam Prakash Shrestha, Dipak Kathayat, Yongxi Dou, Yanmin Li, Zhidong Zhang	1.95
130	Molecular cloning and functional characterization of a thioredoxin peroxidase gene in <i>Echinococcus multilocularis</i>	Mol Biochem Parasitol, 2021, 245: 111408	Guo XL, Zhang JM, Li R, Li H, He XD, Wang S, Wang ZR, Fasihi Harandi M, Hu JJ, Zheng YD	1.759
131	Selection and identification of single-domain antibody against peste des petits ruminants virus	J Vet Sci, 2021 Jul; 22(4): e45	Dan Liu, Lingxia Li, Xiaoan Cao, Jinyan Wu*, Guoyu Du, Youjun Shang	1.672
132	Evaluation of the PBMC proliferation, apoptosis and cytokines profiling in cattle infected with <i>Mycoplasma bovis</i> strain 07801	Pak Vet J, 2021, 41(3): 321-328	Askar H, Hao H, Yan X, Ma L, Lan S, Liu Y, Chen S*, Chu Y*	1.318
133	Serologic evidence of <i>Echinococcus granulosus</i> in slaughter houses in Pakistan: global alarm for butchers in developing countries	J Infect Dev Ctries, 2021, 15(6): 861-869	Mughees Aizaz Alvi, Li Li, Muhammad Saqib, John Asekhaen Ohiolei, Muhammad Waqar Younas, Muhammad Haleem Tayyab, Ali Hassan, Warda Qamar, Anum Aizaz Alvi, Bao-Quan Fu, Hong-Bin Yan, Wan-Zhong Jia*	0.968

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134	Copro-antigenic sandwich ELISA based epidemiological survey on prevalence of <i>Echinococcus granulosus</i> infection in dogs: first insight from Pakistan	Int J Agric Biol, 2021, 25: 881-887	Alvi MA, Li L, Saqib M, Ohiolei JA, Tayyab MH, Tahir MM, Qamar W, Altaf W, Usman M, Hassan A, Bajwa MRK, Fu BQ, Yan HB, Jia WZ*	
135	Comparison of the Immunogenicity of GTPV A27R, GTPV L1R, and SPPV A33R Recombinant Proteins	World J Environ Biosci, 2021, 10(3): 31-37	Takele Tesgera Hurisa, Guohua Chen, Huaijie Jia, Fangyong Xiang, Xiaobing He, Zhizhong Jing*	
136	携带高滴度猪瘟病毒 C 株猪睾丸细胞株的建立及蛋白质组学分析	病毒学报, 2021, 37(03): 648-657	张智慧, 魏衍全, 谷玲军, 张韵, 孙世琪, 尹双辉, 郭慧琛	
137	小反刍兽疫病毒 Nigeria75/1 疫苗毒及其 N 蛋白对山羊 PBMCs 免疫效应的影响	病毒学报, 2021, 37(05): 1135-1147	周岩岩, 吴锦艳, 李玲霞, 刘丹, 周建华, 曹小安, 刘永生, 刘湘涛, 尚佑军*	
138	一起荷斯坦奶牛乳头瘤病诊断及其病毒基因型分析	病毒学报, 2021, 37(6): 1459-1465	孙普, 马雪青, 李平花, 朱新荣, 扎西英派, 白兴文, 包慧芳, 卢曾军*, 刘在新*	
139	组织蛋白酶 S 抑制塞内卡病毒在 IBRS-2 细胞复制	微生物学报, 2021, 61(10): 3305-3314	史喜娟, 张婷, 杨博, 申超超, 张大俊, 陈学辉, 崔卉梅, 袁兴国, 赵登率, 张克山, 郑海学, 刘湘涛*	
140	CRISPR/Cas9 介导的 RPSA 基因敲除细胞系的建立及其应用	微生物学报, 2021, 61(07): 1945-1956	高利利, 王聪聪, 杨帆, 曹伟军, 张向乐, 刘湘涛, 朱紫祥, 郑海学*	
141	一株金黄色葡萄球菌噬菌体的分离鉴定与生物学特性	微生物学通报, 2021, 48(4): 1171-1181	葛志毅, 韩生义, 曹小安, 周建华, 刘婷婷, 刘永生, 李学瑞*	
142	非洲猪瘟病毒 p35 蛋白作为诊断抗原的抗原性比较	生物工程学报, 2021, 37(1): 187-195	施磊, 田占成, 杨吉飞, 高闪电, 独军政, 赵亚茹, 刘志杰, 关贵全, 刘光远, 罗建勋, 殷宏*	
143	口蹄疫病毒氨基酸改造对其病毒样颗粒稳定性的影响	生物工程学报, 2021, 37(07): 2435-2442	李璐莹, 董虎, 卢渊录, 王苗苗, 孙世琪, 郭慧琛*	
144	A 型塞内卡病毒的病毒样颗粒的制备及其免疫原性分析	生物工程学报, 2021, 37(09): 3211-3220	伍春平, 茹毅, 田宏, 马坤, 郝荣增, 李亚军, 罗俊聪, 石正旺, 刘华南, 左志, 郑海学*	
145	一组绵羊 OLAI 蛋白与绵羊痘病毒多肽的复性组装	生物工程学报, 2021,	王战红, 赵志荀, 吴国华, 邓阳, 朱国强, 赵芳燕,	

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		1-8	卢曾军, 张强*	
146	基于 H 蛋白表位合成肽的小反刍兽疫病毒抗体间接 ELISA 检测方法的建立	畜牧兽医学报, 2021, 52(1): 144-153	钱榜, 李彦敏, 朱学亮, 张学燕, Niyokwishimira Alfred, 窦永喜, 张志东*	
147	动物支原体相关蛋白的免疫原性研究进展	畜牧兽医学报, 2021, 52(5): 1230-1237	陈胜利, 郝华芳, 季文恒, 储岳峰*	
148	抗非洲猪瘟病毒单链抗体的构建、表达及活性鉴定	畜牧兽医学报, 2021, 52(05): 1328-1336	王丽娟, 石正旺, 杨波, 麻园, 罗俊聪, 万颖, 宋锐, 田宏, 郑海学	
149	检测山羊痘病毒的实时荧光定量PCR方法的建立和应用	畜牧兽医学报, 2021, 52(5): 1349-1358	阿比克哈莫, 余忠华, 景志忠*, 汤承*	
150	非洲猪瘟病毒解旋酶 D1133L 基因序列分析、蛋白结构预测及亚细胞定位	畜牧兽医学报, 2021, 52(7): 1953-1962	侯景, 申超超, 张大俊, 杨博, 史喜娟, 张婷, 崔卉梅, 袁兴国, 赵登率, 陈学辉, 张克山, 郑海学*, 刘湘涛*	
151	鸭疫里默式杆菌 recA 基因突变对其生成及 DNA 损伤反应影响	畜牧兽医学报, 2021, 52(9): 2553-2560	吉果, 陈启伟, 宫晓炜, 刘永生, 郑福英*	
152	甘肃、青海和宁夏地区牛病毒性腹泻病毒 Erns 基因的变异分析	畜牧兽医学报, 2021, 52(11): 3157-3164	高闪电, 王锦明, 田占成, 独军政, 王建东, 常惠芸, 关贵全, 李有全, 殷宏*	
153	甘露糖修饰的壳聚糖聚乳酸-羟基乙酸共聚物纳米微球作为口蹄疫病毒核酸疫苗递送载体的特性评价	畜牧兽医学报, 2021, 52(12): 3530-3540	李显, 张中旺, 张富东, 吕建亮, 李嘉豪, 潘丽*	
154	口蹄疫病毒结构蛋白抑制宿主天然免疫应答的功能及机制	中国预防兽医学报, 2021, 43(03)	张克山, 闫鸣昊, 郝军红	
155	泡状带绦虫全基因组研究揭示了新的蠕虫免疫逃避进化机制	中国预防兽医学报, 2021, 43 (10)	王帅、刘晓琳、刘仲黎、王玉桂、郭爱疆、黄万龙、汪迁昊、张少华、朱冠、骆学农、朱兴权、才学鹏	
156	山羊支原体山羊肺炎亚种在 2 种培养基上的生长特性比较	中国兽医学报, 2021, 41(5): 911-914	张晓亮, 马水燕, 郝华芳*, 陈胜利, 颜新敏, 马丽娜, 刘永生, 储岳峰*	
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158	绦虫基因组学研究进展	中国人兽共患病学报, 2021, 37(02): 152-158	李秀荣, 闫鸿斌, 李立, 付宝权, 薄新文, 朱兴全, 贾万忠*	
159	弓形虫弱毒疫苗的研究进展	中国人兽共患病学报, 2021, 37(05): 450-454	张海生, 马元元, 谢世臣, 梁勤立, 朱兴全, 王金磊*	
160	4种猪绦虫蚴的多重 PCR 鉴别	中国人兽共患病学报, 2021, 37(06): 496-501	陈国梁, 郭爱民, 张少华, 梁盼红, 李艳萍, 王立群, 刘婷丽, 白雪, 骆学农*	
161	支原体营养代谢特征的研究进展	中国人兽共患病学报, 2021, 37(11):1029-1036	张晓亮, 郝华芳, 陈胜利, 颜新敏, 储岳峰*	
162	蓝舌病病毒 NS3 蛋白的截短表达及其多克隆抗体制备	中国兽医科学, 2021, 51(01): 31-36	车永军, 郭艳妮, 高闪电, 田占成, 丁晓攀, 张忠辉, 关贵全, 殷宏, 独军政*	
163	芽胞杆菌的分离鉴定	中国兽医科学, 2021, 51(01): 74- 80	李贺海, 王佳慧, 李迎迎, 邱云飞, 刘军龙, 刘爱红, 王锦明, 关贵全, 罗建勋, 殷宏, 李有全*	
164	非洲猪瘟病毒解旋酶结构与功能研究进展	中国兽医科学, 2021, 51(02): 135-143	张婷, 申超超, 杨博, 张大俊, 侯景, 史喜娟, 崔卉梅, 张克山, 郑海学, 刘湘涛*	
165	猪带绦虫丝氨酸蛋白酶抑制剂 Ts-serpin-1 对人巨噬细胞 THP-1 的免疫调节功能研究	中国兽医科学, 2021, 51(02): 161- 168	毕研丽, 刘仲藜, 郭爱疆, 张少华, 王帅, 才学鹏*	
166	环境中弓形虫卵囊富集及检测技术的研究进展	中国兽医科学, 2021, 51(03): 343-348	马巧妮, 王萌, 张海生, 朱兴全*	
168	基于非洲猪瘟病毒 pA104R 蛋白的间接 ELISA 检测方法的建立与应用	中国兽医科学, 2021, 51(04): 403-411	王兆贵, 赵亚茹, 杨吉飞, 牛庆丽, 刘银光, 敬梦瑶, 杨赛霞, 吕欣倩, 刘猛, 姚永海, 关贵全, 刘志杰, 殷宏*	
169	小反刍兽疫根除计划及其疫苗的最新研究进展	中国兽医科学, 2021, 51(04): 412-420	张大俊, 杨博, 史喜娟, 张婷, 杨金柯, 崔卉梅, 赵登率, 袁兴国, 郑海学, 刘湘涛, 张克山*	

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171	利用 RNA 复制子融合表达口蹄疫病毒抗原表位与分子内佐剂的研究及其表达产物的免疫学分析	中国兽医科学, 2021, 51(05): 537-544	朱良隆, 毛箬青, 王相伟, 殷相平, 孙跃峰*	
172	猪带绦虫丝氨酸蛋白酶抑制剂 Tsserpin570 的克隆表达与酶活性分析	中国兽医科学, 2021, 51(05): 545- 551	毕研丽, 刘仲藜, 郭爱疆, 张少华, 王帅*, 才学鹏*	
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174	弓形虫 HAD2b 基因缺失株的构建及生物学功能研究	中国兽医科学, 2021, 51(05): 562-568	张海生, 梁勤立, 李婷婷, 朱兴全, 王金磊*	
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177	基于两个重组蛋白的牛支原体免疫胶体金抗体检测试纸条的研究	中国兽医科学, 2021, 51(08): 939- 946	周华倩, 储岳峰, 耿尚景超, 郝华芳, 陈胜利, 刘永生*, 颜新敏*	
178	基于 16S rRNA 测序技术分析山羊皮肤脓包菌群结构特征	中国兽医科学, 2021, 51(09): 1073-1081	杨金柯, 郝雨, 崔卉梅, 赵登率, 袁兴国, 陈学辉, 杨博, 张婷, 郑海学, 刘湘涛, 张克山*	
179	蓝舌病病毒 VP7 蛋白的可溶性纯化及多克隆抗体的制备	中国兽医科学, 2021, 51(09): 1128- 1133	丁晓攀, 车永军, 郭艳妮, 高闪电, 田占成, Darien Kheder, 关贵全, 孙世琪, 殷宏, 独军政*	
180	小反刍兽疫病毒感染外周血单个核细胞凋亡相关基因的筛选鉴定	中国兽医科学, 2021, 51(09): 1140-1147	苏乾隆, 赵帅阳, 李彦敏, 张瑞, 张志雄, 孙跃峰, 张志东*	
181	胞内劳森菌 0710 蛋白的表达及免疫活性分析	中国兽医科学, 2021, 51(09): 1148-1154	张昆, 杨顺利, 许笑, 熊铃, 曲自刚, 汪靖, 蔡建平*	
182	产气荚膜梭菌β1 毒素蛋白的原核表达及其间接 ELISA 方法的建立	中国兽医科学, 2021, 51(10): 1207-1214	张广林, 徐龙, 高云艳, 李玲霞, 刘永生, 尚佑军, 曹小安*	

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184	环形泰勒虫 ETIF2 β 蛋白的原核表达及其多克隆抗体的制备	中国兽医科学, 2021, 51(10): 1253-1258	石苗, 李志, 曹天行, 刘爱红, 马全英, 关贵全, 李有全, 殷宏, 罗建勋, 刘军龙*	
185	黑龙江省三地蜱体内 Q 热病原的感染情况和分子特征	中国兽医科学, 2021, 51(11): 1385-1391	罗金, 李静, 张高峰, 刘佩雯, 罗文蔚, 苏小玲, 任巧云, 刘文阁, 曹润来, 刁培文, 孙世弟, 关贵全, 罗建勋, 殷宏, 李祥瑞, 刘光远*	
186	非洲猪瘟病毒 pNP419L 蛋白的原核表达及其多克隆抗体的制备	中国兽医科学 2021, 51(11): 1392-1397	吕欣倩, 牛庆丽, 樊洁, 杨吉飞, 赵亚茹, 张忠辉, 杨赛霞, 敬梦瑶, 耿抒贤, 关贵全, 刘志杰, 殷宏*	
187	环形泰勒虫 DnaJ 蛋白 C 末端 (128aa-458aa) 多克隆抗体的制备与反应原性分析	中国兽医科学, 2021, 51(12): 1540-1547	曹天行, 李志, 史康妍, 石苗, 刘爱红, 马全英, 关贵全, 李有全, 殷宏, 罗建勋, 刘军龙*	
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191	口蹄疫病毒 VP1 结构蛋白多个氨基酸的替换对病毒生物学特性和小鼠免疫保护的影响	中国兽医科学, 2021-08-06	黄书伦, 龚婷, 孙普, 白兴文, 马雪青, 袁红, 李坤, 卢曾军, 刘在新*, 李平花*	
192	霍乱弧菌二核苷酸环化酶的可溶性原核表达及其表达产物的生物活性分析	中国兽医科学, https://doi.org/10.16656/j.issn.1673-4696.2021.0195	杨帆, 龙朝琳, 何小兵, 陈国华, 李维克, 贾怀杰, 房永祥, 娄忠子, 景志忠*.	
193	猪瘟野毒株与疫苗株双重 TapMan 实时定量 PCR	中国兽医科学.	朱丽珂, 房永祥, 李皖豫, 刘娟, 高真贞, 贾怀杰,	

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194	猪繁殖与呼吸综合征病毒的纯化与形态观察	中国兽医科学, 2021-08-19	魏德陇, 张婧, 李坤, 孙普, 白兴文, 包慧芳, 李冬, 刘在新, 卢曾军*, 曹轶梅*	
195	猪源 IFN- λ 3 在 CHO-S 细胞中的表达及其抗口蹄疫病毒活性分析	中国兽医科学, 2021-10-21	袁红, 白兴文, 李坤, 李平花, 孙普, 宋雅丽, 焦云娟, 刘在新, 卢曾军, 李冬*, 包慧芳*	
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199	Viperin 介导细胞抗病毒效应研究进展	中国动物传染病学报, 2021, 29(04): 68-73	余影影, 钟自富, 朱启运*, 徐帅*	
200	牛传染性鼻气管炎病毒 gB ELISA 抗体与中和抗体相关性分析	中国动物传染病学报, 1-8 [2021-10-14]	史喜娟, 杨博, 张婷, 陈学辉, 崔卉梅, 袁兴国, 赵登率, 郝雨, 杨金柯, 郑海学*, 张克山*	
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202	人兽共患寄生虫病候选疫苗分子筛选方法研究进展	中国畜牧兽医, 2021, 48(06): 2177-2187	代国栋, 闫鸿斌, 李立, 付宝权, 贾万忠*	

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204	丝状支原体山羊亚种对山羊的致病性观察	畜牧与兽医, 2021, 53(10): 72-76	陈芙, 袁婷, 郝华芳, 储岳峰, 颜新敏*, 王鹏雁*	
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206	高原型实验小型猪——合作小型猪的培育与应用	甘肃畜牧兽医, 2021, 51(11): 5-4 (特稿)	景志忠, 房永祥, 陈国华, 贾怀杰, 何小兵, 李军成, 高真贞, 莫斯科, 冯海燕, 王春燕, 李守杰, 曾爽, 杨帆, 高建平, 姚文娟, 李政厅, 景伟, 曹健民, 张春祥	