

Guoqiang Zhu

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129
papers

1,765
citations

22
h-index

36
g-index

138
ext. papers

2,691
ext. citations

4.4
avg, IF

4.92
L-index

#	Paper	IF	Citations
129	Melatonin reprogramming of gut microbiota improves lipid dysmetabolism in high-fat diet-fed mice. <i>Journal of Pineal Research</i> , 2018 , 65, e12524	10.4	161
128	Betaine in Inflammation: Mechanistic Aspects and Applications. <i>Frontiers in Immunology</i> , 2018 , 9, 1070	8.4	110
127	Melatonin alleviates weanling stress in mice: Involvement of intestinal microbiota. <i>Journal of Pineal Research</i> , 2018 , 64, e12448	10.4	85
126	Melatonin in macrophage biology: Current understanding and future perspectives. <i>Journal of Pineal Research</i> , 2019 , 66, e12547	10.4	81
125	Glutamine Metabolism in Macrophages: A Novel Target for Obesity/Type 2 Diabetes. <i>Advances in Nutrition</i> , 2019 , 10, 321-330	10	58
124	Effects of zearalenone and its derivatives on the synthesis and secretion of mammalian sex steroid hormones: A review. <i>Food and Chemical Toxicology</i> , 2019 , 126, 262-276	4.7	49
123	Amino Acids As Mediators of Metabolic Cross Talk between Host and Pathogen. <i>Frontiers in Immunology</i> , 2018 , 9, 319	8.4	49
122	Critical Intermediates Reveal New Biosynthetic Events in the Enigmatic Colibactin Pathway. <i>ChemBioChem</i> , 2015 , 16, 1715-9	3.8	49
121	Genetic engineering of probiotic Escherichia coli Nissle 1917 for clinical application. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 8693-9	5.7	43
120	The flagella of F18ab Escherichia coli is a virulence factor that contributes to infection in a IPEC-J2 cell model in vitro. <i>Veterinary Microbiology</i> , 2012 , 160, 132-40	3.3	42
119	Intestinal microbiota mediates Enterotoxigenic Escherichia coli-induced diarrhea in piglets. <i>BMC Veterinary Research</i> , 2018 , 14, 385	2.7	42
118	A global survey of bacterial type III secretion systems and their effectors. <i>Environmental Microbiology</i> , 2017 , 19, 3879-3895	5.2	41
117	Zearalenone altered the cytoskeletal structure via ER stress- autophagy- oxidative stress pathway in mouse TM4 Sertoli cells. <i>Scientific Reports</i> , 2018 , 8, 3320	4.9	39
116	Administration of Exogenous Melatonin Improves the Diurnal Rhythms of the Gut Microbiota in Mice Fed a High-Fat Diet. <i>MSystems</i> , 2020 , 5,	7.6	34
115	Flagella from F18+Escherichia coli play a role in adhesion to pig epithelial cell lines. <i>Microbial Pathogenesis</i> , 2013 , 55, 32-8	3.8	30
114	Implication of G Protein-Coupled Receptor 43 in Intestinal Inflammation: A Mini-Review. <i>Frontiers in Immunology</i> , 2018 , 9, 1434	8.4	29
113	Review of Newly Identified Functions Associated With the Heat-Labile Toxin of Enterotoxigenic. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 292	5.9	26

112	Cell membrane-anchored MUC4 promotes tumorigenicity in epithelial carcinomas. <i>Oncotarget</i> , 2017 , 8, 14147-14157	3.3	25
111	Escherichia coli type III secretion system 2: a new kind of T3SS?. <i>Veterinary Research</i> , 2014 , 45, 32	3.8	24
110	Both flagella and F4 fimbriae from F4ac+ enterotoxigenic Escherichia coli contribute to attachment to IPEC-J2 cells in vitro. <i>Veterinary Research</i> , 2013 , 44, 30	3.8	24
109	Glutamine supplementation improves intestinal cell proliferation and stem cell differentiation in weanling mice. <i>Food and Nutrition Research</i> , 2018 , 62,	3.1	23
108	More than a locomotive organelle: flagella in Escherichia coli. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 8883-90	5.7	22
107	Synergistic China-US Ecological Research is Essential for Global Emerging Infectious Disease Preparedness. <i>EcoHealth</i> , 2020 , 17, 160-173	3.1	22
106	Flagellin and F4 fimbriae have opposite effects on biofilm formation and quorum sensing in F4ac+ enterotoxigenic Escherichia coli. <i>Veterinary Microbiology</i> , 2014 , 168, 148-53	3.3	22
105	Betaine Inhibits Interleukin-1 β Production and Release: Potential Mechanisms. <i>Frontiers in Immunology</i> , 2018 , 9, 2670	8.4	22
104	Slc6a13 deficiency promotes Th17 responses during intestinal bacterial infection. <i>Mucosal Immunology</i> , 2019 , 12, 531-544	9.2	19
103	Targeting ideal oral vaccine vectors based on probiotics: a systematical view. <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 3941-3953	5.7	18
102	Photothermal Nano-antibiotic for Effective Treatment of Multidrug-Resistant Bacterial Infection.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 5395-5406	4.1	17
101	Techniques for chromosomal integration and expression optimization in Escherichia coli. <i>Biotechnology and Bioengineering</i> , 2018 , 115, 2467-2478	4.9	17
100	Receptor for the F4 fimbriae of enterotoxigenic Escherichia coli (ETEC). <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 4953-9	5.7	17
99	Protective Enterotoxigenic Escherichia coli Antigens in a Murine Intranasal Challenge Model. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003924	4.8	17
98	l-Serine Lowers the Inflammatory Responses during Pasteurella multocida Infection. <i>Infection and Immunity</i> , 2019 , 87,	3.7	17
97	Staphylococcus aureus induces autophagy in bovine mammary epithelial cells and the formation of autophagosomes facilitates intracellular replication of Staph. aureus. <i>Journal of Dairy Science</i> , 2019 , 102, 8264-8272	4	16
96	Therapeutic Opportunities in Colorectal Cancer: Focus on Melatonin Antioncogenic Action. <i>BioMed Research International</i> , 2019 , 2019, 9740568	3	15
95	Cloning of the genome of a goose parvovirus vaccine strain SYG61v and rescue of infectious virions from recombinant plasmid in embryonated goose eggs. <i>Journal of Virological Methods</i> , 2014 , 200, 41-6	2.6	15

94	Staphylococcus aureus facilitates its survival in bovine macrophages by blocking autophagic flux. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 3460-3468	5.6	15
93	BHV-1 induced oxidative stress contributes to mitochondrial dysfunction in MDBK cells. <i>Veterinary Research</i> , 2016 , 47, 47	3.8	15
92	Luteolin Induces Apoptosis and Autophagy in Mouse Macrophage ANA-1 Cells via the Bcl-2 Pathway. <i>Journal of Immunology Research</i> , 2018 , 2018, 4623919	4.5	15
91	F18ab Escherichia coli flagella expression is regulated by acyl-homoserine lactone and contributes to bacterial virulence. <i>Veterinary Microbiology</i> , 2013 , 165, 378-83	3.3	14
90	Quorum-sensing gene luxS regulates flagella expression and Shiga-like toxin production in F18ab Escherichia coli. <i>Canadian Journal of Microbiology</i> , 2014 , 60, 355-61	3.2	14
89	Molecular characterization of a novel Muscovy duck parvovirus isolate: evidence of recombination between classical MDPV and goose parvovirus strains. <i>BMC Veterinary Research</i> , 2017 , 13, 327	2.7	13
88	Isolation and Characterization of N-acyl Homoserine Lactone-Producing Bacteria From Cattle Rumen and Swine Intestines. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 155	5.9	13
87	Contribution of flagellin subunit FlhC to piglet epithelial cells invasion by F18ab E. coli. <i>Veterinary Microbiology</i> , 2013 , 166, 220-4	3.3	13
86	F4+ enterotoxigenic Escherichia coli (ETEC) adhesion mediated by the major fimbrial subunit FaeG. <i>Journal of Basic Microbiology</i> , 2015 , 55, 1118-24	2.7	12
85	GABA attenuates ETEC-induced intestinal epithelial cell apoptosis involving GABAR signaling and the AMPK-autophagy pathway. <i>Food and Function</i> , 2019 , 10, 7509-7522	6.1	11
84	The role of major virulence factors of AIEC involved in inflammatory bowel disease-a mini-review. <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 7781-7787	5.7	10
83	Anti-inflammatory activities of phospholipase C inhibitor U73122: Inhibition of monocyte-to-macrophage transformation and LPS-induced pro-inflammatory cytokine expression. <i>International Immunopharmacology</i> , 2015 , 29, 622-627	5.8	10
82	Tryptophan Metabolism, Regulatory T Cells, and Inflammatory Bowel Disease: A Mini Review. <i>Mediators of Inflammation</i> , 2020 , 2020, 9706140	4.3	10
81	Organic Selenium Ameliorates -Induced Mastitis in Rats by Inhibiting the Activation of NF- κ B and MAPK Signaling Pathways. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 443	3.1	10
80	The effect of selenium on the autophagy of macrophage infected by Staphylococcus aureus. <i>International Immunopharmacology</i> , 2020 , 83, 106406	5.8	9
79	The role of phospholipase C signaling in bovine herpesvirus 1 infection. <i>Veterinary Research</i> , 2017 , 48, 45	3.8	9
78	Effects of porcine MyD88 knockdown on the expression of TLR4 pathway-related genes and proinflammatory cytokines. <i>Bioscience Reports</i> , 2016 , 36,	4.1	9
77	Identification of microRNAs regulating Escherichia coli F18 infection in Meishan weaned piglets. <i>Biology Direct</i> , 2016 , 11, 59	7.2	9

76	Construction and sequencing of an infectious clone of the goose embryo-adapted Muscovy duck parvovirus vaccine strain FZ91-30. <i>Virology Journal</i> , 2016 , 13, 104	6.1	9
75	The activation of p38MAPK and JNK pathways in bovine herpesvirus 1 infected MDBK cells. <i>Veterinary Research</i> , 2016 , 47, 91	3.8	9
74	Porcine aminopeptidase N binds to F4+ enterotoxigenic Escherichia coli fimbriae. <i>Veterinary Research</i> , 2016 , 47, 24	3.8	8
73	Fimbriae and related receptors for Salmonella Enteritidis. <i>Microbial Pathogenesis</i> , 2019 , 126, 357-362	3.8	8
72	Retrospective investigation and molecular characteristics of the recombinant Muscovy duck parvovirus circulating in Muscovy duck flocks in China. <i>Avian Pathology</i> , 2019 , 48, 343-351	2.4	7
71	Engineered Recombinant Probiotic Strains Integrated with F4 and F18 Fimbriae Cluster Genes in the Chromosome and Their Assessment of Immunogenic Efficacy. <i>ACS Synthetic Biology</i> , 2020 , 9, 412-426	5.7	7
70	The role of bacterial cell envelope structures in acid stress resistance in E. coli. <i>Applied Microbiology and Biotechnology</i> , 2020 , 104, 2911-2921	5.7	6
69	Identification of a 5-Methylcytosine Site that may Regulate C/EBPβ Binding and Determine Tissue-Specific Expression of the BPI Gene in Piglets. <i>Scientific Reports</i> , 2016 , 6, 28506	4.9	6
68	Correlation between the methylation of the FUT1 promoter region and FUT1 expression in the duodenum of piglets from newborn to weaning. <i>3 Biotech</i> , 2017 , 7, 247	2.8	6
67	Correlation between BPI gene upstream CpG island methylation and mRNA expression in piglets. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 10989-98	6.3	6
66	Contribution of the colicin receptor CirA to biofilm formation, antibiotic resistance, and pathogenicity of Salmonella Enteritidis. <i>Journal of Basic Microbiology</i> , 2020 , 60, 72-81	2.7	6
65	Changes in long non-coding RNA expression profiles related to the antagonistic effects of Escherichia coli F17 on lamb spleens. <i>Scientific Reports</i> , 2018 , 8, 16514	4.9	6
64	The Involvement of Histone H3 Acetylation in Bovine Herpesvirus 1 Replication in MDBK Cells. <i>Viruses</i> , 2018 , 10,	6.2	6
63	Jejunal Metabolic Responses to Infection in Piglets. <i>Frontiers in Microbiology</i> , 2018 , 9, 2465	5.7	6
62	The different roles of hcp and hcp of the type VI secretion system in Escherichia coli strain CE129. <i>Journal of Basic Microbiology</i> , 2018 , 58, 938-946	2.7	6
61	Evolution and Sequence Diversity of FhuA in Salmonella and Escherichia. <i>Infection and Immunity</i> , 2018 , 86,	3.7	6
60	Effects of serovar Enteritidis infection on egg production and the immune response of the laying duck. <i>PeerJ</i> , 2019 , 7, e6359	3.1	5
59	Zinc uptake system ZnuACB is essential for maintaining pathogenic phenotype of F4ac enterotoxigenic E. coli (ETEC) under a zinc restricted environment. <i>Veterinary Research</i> , 2020 , 51, 127	3.8	5

58	Long polar fimbriae contribute to pathogenic Escherichia coli infection to host cells. <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 7317-7324	5.7	5
57	Analysis of the genome sequence of the pathogenic Muscovy duck parvovirus strain YY reveals a 14-nucleotide-pair deletion in the inverted terminal repeats. <i>Archives of Virology</i> , 2016 , 161, 2589-94	2.6	5
56	The flagellin hypervariable region is a potential flagella display domain in probiotic Escherichia coli strain Nissle 1917. <i>Archives of Microbiology</i> , 2016 , 198, 603-10	3	5
55	Changes in circRNA expression profiles related to the antagonistic effects of Escherichia coli F17 in lamb spleens. <i>Scientific Reports</i> , 2018 , 8, 14524	4.9	5
54	Pig BVDV-2 non-structural protein (N) links to cellular antiviral response in vitro. <i>Virus Genes</i> , 2017 , 53, 233-239	2.3	4
53	Age-associated methylation change of TAP1 promoter in piglet. <i>Gene</i> , 2015 , 573, 70-4	3.8	4
52	Preparation of single-chain antibody against VP3 protein of duck hepatitis virus type 1 by phage display technology. <i>Journal of Virological Methods</i> , 2018 , 257, 73-78	2.6	4
51	Rapid detection of flagellated and non-flagellated Salmonella by targeting the common flagellar hook gene flgE. <i>Applied Microbiology and Biotechnology</i> , 2020 , 104, 9719-9732	5.7	4
50	Characterization of Isolates From Cases of Clinical Bovine Mastitis on Large-Scale Chinese Dairy Farms. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 580129	3.1	4
49	A multivalent vaccine candidate targeting enterotoxigenic Escherichia coli fimbriae for broadly protecting against porcine post-weaning diarrhea. <i>Veterinary Research</i> , 2020 , 51, 93	3.8	4
48	Research progress on Toll-like receptor signal transduction and its roles in antimicrobial immune responses. <i>Applied Microbiology and Biotechnology</i> , 2021 , 105, 5341-5355	5.7	4
47	Small non-coding RNA STnc640 regulates expression of fimA fimbrial gene and virulence of Salmonella enterica serovar Enteritidis. <i>BMC Veterinary Research</i> , 2019 , 15, 319	2.7	3
46	Attenuated porcine-derived type 2 bovine viral diarrhea virus as vector stably expressing viral gene. <i>Journal of Virological Methods</i> , 2020 , 279, 113842	2.6	3
45	Sole recombinant Muscovy duck parvovirus infection in Muscovy ducklings can form characteristic intestinal embolism. <i>Veterinary Microbiology</i> , 2020 , 242, 108590	3.3	3
44	Binding determinants in the interplay between porcine aminopeptidase N and enterotoxigenic Escherichia coli F4 fimbriae. <i>Veterinary Research</i> , 2018 , 49, 23	3.8	3
43	A promising detection candidate for flagellated Salmonella spp. <i>AMB Express</i> , 2019 , 9, 128	4.1	3
42	Proteomic Analysis of Duodenal Tissue from Escherichia coli F18-Resistant and -Susceptible Weaned Piglets. <i>PLoS ONE</i> , 2015 , 10, e0127164	3.7	3
41	Use of Fimbrial Rod for F18ab Fimbriae+ STEC Colonization to Host Cells. <i>Journal of Visualized Experiments</i> , 2020 ,	1.6	3

40	Transcriptome profiling of avian pathogenic and the mouse microvascular endothelial cell line bEnd.3 during interaction. <i>PeerJ</i> , 2020 , 8, e9172	3.1	3
39	Fish borne <i>Edwardsiella tarda</i> eha involved in the bacterial biofilm formation, hemolytic activity, adhesion capability and pathogenicity. <i>Archives of Microbiology</i> , 2020 , 202, 835-842	3	3
38	Molecular characteristics and phylogenetic analysis of novel goose parvovirus strains associated with short beak and dwarfism syndrome. <i>Archives of Virology</i> , 2021 , 166, 2495-2504	2.6	3
37	The impact of cell structure, metabolism and group behavior for the survival of bacteria under stress conditions. <i>Archives of Microbiology</i> , 2021 , 203, 431-441	3	3
36	Age-associated changes in DNA methylation and expression of the TNF α gene in pigs. <i>Genes and Genetic Systems</i> , 2018 , 93, 191-198	1.4	3
35	Perspective: Methionine Restriction-Induced Longevity-A Possible Role for Inhibiting the Synthesis of Bacterial Quorum Sensing Molecules. <i>Advances in Nutrition</i> , 2020 , 11, 773-783	10	2
34	N His49 and E Lys412 mutations in pig bovine viral diarrhea virus type 2 synergistically enhance the cellular antiviral response. <i>Virus Genes</i> , 2018 , 54, 57-66	2.3	2
33	Melatonin inhibits Gram-negative pathogens by targeting citrate synthase.. <i>Science China Life Sciences</i> , 2022 , 1	8.5	2
32	The Antiviral Effects of Harmine Against BoHV-1 Infection In Vitro. <i>Letters in Drug Design and Discovery</i> , 2017 , 14,	0.8	2
31	Screening and identification of SipC-interacting proteins in enteritidis using Gal4 yeast two-hybrid system in duck. <i>PeerJ</i> , 2019 , 7, e7663	3.1	2
30	The Potentials of Melatonin in the Prevention and Treatment of Bacterial Meningitis Disease. <i>Molecules</i> , 2021 , 26,	4.8	2
29	Zinc is an important inter-kingdom signal between the host and microbe. <i>Veterinary Research</i> , 2021 , 52, 39	3.8	2
28	Regulatory mechanisms of sub-inhibitory levels antibiotics agent in bacterial virulence. <i>Applied Microbiology and Biotechnology</i> , 2021 , 105, 3495-3505	5.7	2
27	Transcriptomic Analysis of the Effect of GAT-2 Deficiency on Differentiation of Mice Naïve T Cells Into Th1 Cells. <i>Frontiers in Immunology</i> , 2021 , 12, 667136	8.4	2
26	Coimmunization with Two Enterotoxigenic <i>Escherichia coli</i> (ETEC) Fimbrial Multi-epitope Fusion Antigens Induces the Production of Neutralizing Antibodies against Five ETEC Fimbriae (F4, F5, F6, F18, and F41). <i>Applied and Environmental Microbiology</i> , 2020 , 86,	4.8	2
25	Transfection of embryonated Muscovy duck eggs with a recombinant plasmid is suitable for rescue of infectious Muscovy duck parvovirus. <i>Archives of Virology</i> , 2017 , 162, 3869-3874	2.6	1
24	The Antiviral Effects of Sodium Phenylbutyrate Against BoHV-1 Infection In Vitro. <i>Letters in Drug Design and Discovery</i> , 2019 , 16, 1370-1377	0.8	1
23	Deletion of FaeG alleviated Enterotoxigenic <i>Escherichia coli</i> F4ac-induced apoptosis in the intestine. <i>AMB Express</i> , 2021 , 11, 44	4.1	1

22	Zearalenone and deoxynivalenol inhibited IL-4 receptor-mediated Th2 cell differentiation and aggravated bacterial infection in mice. <i>Toxicology and Applied Pharmacology</i> , 2021 , 415, 115441	4.6	1
21	Positive regulation of Type III secretion effectors and virulence by RyhB paralogs in <i>Salmonella enterica</i> serovar Enteritidis. <i>Veterinary Research</i> , 2021 , 52, 44	3.8	1
20	Mechanism of nitrite transporter NirC in motility, biofilm formation, and adhesion of avian pathogenic <i>Escherichia coli</i> . <i>Archives of Microbiology</i> , 2021 , 203, 4221-4231	3	1
19	Coexistence of Fosfomycin Resistance Determinant and 3 in Isolated from Pets with Urinary Tract Infection in Taiwan. <i>Microbial Drug Resistance</i> , 2021 , 27, 415-423	2.9	1
18	Proximity ligation assay: an ultrasensitive method for protein quantification and its applications in pathogen detection. <i>Applied Microbiology and Biotechnology</i> , 2021 , 105, 923-935	5.7	1
17	Zearalenone and deoxynivalenol reduced Th1-mediated cellular immune response after <i>Listeria monocytogenes</i> infection by inhibiting CD4 T cell activation and differentiation. <i>Environmental Pollution</i> , 2021 , 284, 117514	9.3	1
16	Contribution of the serine protease HtrA in <i>Escherichia coli</i> to infection in foxes. <i>Microbial Pathogenesis</i> , 2019 , 135, 103570	3.8	0
15	Porcine CD14 gene silencing partially inhibited the bacterial immune response mediated by TLR4 signaling pathway. <i>Gene</i> , 2017 , 628, 267-274	3.8	0
14	ClpV1 in avian pathogenic <i>Escherichia coli</i> is a crucial virulence factor contributing to meningitis in a mouse model in vivo. <i>Veterinary Microbiology</i> , 2021 , 263, 109273	3.3	0
13	Metabolomics Analysis of the Effect of GAT-2 Deficiency on Th1 Cells in Mice. <i>Journal of Proteome Research</i> , 2021 , 20, 5054-5063	5.6	0
12	Role of long polar fimbriae type 1 and 2 in pathogenesis of mammary pathogenic <i>Escherichia coli</i> . <i>Journal of Dairy Science</i> , 2021 , 104, 8243-8255	4	0
11	Impact of acquisition of 16S rRNA methylase RmtB on the fitness of <i>Escherichia coli</i> . <i>Journal of Global Antimicrobial Resistance</i> , 2016 , 6, 32-38	3.4	0
10	Dual Transcriptomic Analyses Unveil Host-Pathogen Interactions Between Serovar Enteritidis and Laying Ducks (). <i>Frontiers in Microbiology</i> , 2021 , 12, 705712	5.7	0
9	Quorum sensing-1 signaling of N-hexanoyl-L-homoserine lactone contributes to virulence in avian pathogenic <i>Escherichia coli</i> . <i>Archives of Microbiology</i> , 2021 , 203, 6079-6089	3	0
8	Colibactin in avian pathogenic contributes to the development of meningitis in a mouse model. <i>Virulence</i> , 2021 , 12, 2382-2399	4.7	0
7	ZEA and DON inhibited inflammation after <i>L. monocytogenes</i> infection and induced ribosomal hyperfunction.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 236, 113470	7	0
6	Identification of two novel ephemeroviruses in pigs infected by classical swine fever virus.. <i>Infection, Genetics and Evolution</i> , 2022 , 100, 105273	4.5	0
5	Whole-Genome Analysis Reveals That Bacteriophages Promote Environmental Adaptation of <i>Staphylococcus aureus</i> via Gene Exchange, Acquisition, and Loss. <i>Viruses</i> , 2022 , 14, 1199	6.2	0

- 4 Effects of the -791(C→T) mutation in the promoter for tumor necrosis factor alpha on gene expression and resistance of Large White pigs to enterotoxigenic Escherichia coli F18. *Canadian Journal of Veterinary Research*, **2016**, 80, 203-8 0.5
- 3 Sef fimbria operon construction, expression, and function for direct rapid detection of Salmonella Enteritidis. *Applied Microbiology and Biotechnology*, **2021**, 105, 5631-5641 5.7
- 2 Mosaic Evolution of Beta-Barrel-Porin-Encoding Genes in .. *Applied and Environmental Microbiology*, **2022**, e0006022 4.8
- 1 Reproduction and pathogenesis of short beak and dwarfish syndrome in Cherry Valley Pekin ducks infected with the rescued novel goose parvovirus.. *Virulence*, **2022**, 13, 844-858 4.7