

# Park surim

## List of Publications by Year in descending order

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110  
papers

2,734  
citations

257450

24  
h-index

214800

47  
g-index

112  
all docs

112  
docs citations

112  
times ranked

4582  
citing authors

#	ARTICLE	IF	CITATIONS
1	Air Pollution Exposure and Cardiovascular Disease. <i>Toxicological Research</i> , 2014, 30, 71-75.	2.1	339
2	Inhibition of Ocular Angiogenesis by siRNA Targeting Vascular Endothelial Growth Factor Pathway Genes. <i>American Journal of Pathology</i> , 2004, 165, 2177-2185.	3.8	226
3	Ferroptosis Affects the Progression of Nonalcoholic Steatohepatitis via the Modulation of Lipid Peroxidation-Mediated Cell Death in Mice. <i>American Journal of Pathology</i> , 2020, 190, 68-81.	3.8	172
4	Enteric Viruses Ameliorate Gut Inflammation via Toll-like Receptor 3 and Toll-like Receptor 7-Mediated Interferon- $\beta$ Production. <i>Immunity</i> , 2016, 44, 889-900.	14.3	170
5	FXR Inhibits Endoplasmic Reticulum Stress-Induced NLRP3 Inflammasome in Hepatocytes and Ameliorates Liver Injury. <i>Cell Reports</i> , 2018, 24, 2985-2999.	6.4	140
6	The Role of Air Pollutants in Initiating Liver Disease. <i>Toxicological Research</i> , 2014, 30, 65-70.	2.1	113
7	Essential role of Notch4/STAT3 signaling in epithelial-mesenchymal transition of tamoxifen-resistant human breast cancer. <i>Cancer Letters</i> , 2017, 390, 115-125.	7.2	64
8	Effects of High Levels of Deoxynivalenol and Zearalenone on Growth Performance, and Hematological and Immunological Parameters in Pigs. <i>Toxins</i> , 2018, 10, 114.	3.4	59
9	Toll-like receptor 7-mediated type I interferon signaling prevents cholestasis- and hepatotoxin-induced liver fibrosis. <i>Hepatology</i> , 2014, 60, 237-249.	7.3	54
10	The antioxidant activities of Korean Red Ginseng ( <i>Panax ginseng</i> ) and ginsenosides: A systemic review through in vivo and clinical trials. <i>Journal of Ginseng Research</i> , 2021, 45, 41-47.	5.7	53
11	Expression Analyses of MicroRNAs in Hamster Lung Tissues Infected by SARS-CoV-2. <i>Molecules and Cells</i> , 2020, 43, 953-963.	2.6	47
12	Spliceosome-Associated Protein 130 Exacerbates Alcohol-Induced Liver Injury by Inducing NLRP3 Inflammasome-Mediated IL-1 $\beta$ in Mice. <i>American Journal of Pathology</i> , 2018, 188, 967-980.	3.8	41
13	Differential immune modulation by deoxynivalenol (vomitoxin) in mice. <i>Toxicology Letters</i> , 2013, 221, 152-163.	0.8	40
14	Viruses and autoimmunity. <i>Autoimmunity</i> , 2006, 39, 71-77.	2.6	39
15	Evaluation of the broad-spectrum lytic capability of bacteriophage cocktails against various <i>Salmonella</i> serovars and their effects on weaned pigs infected with <i>Salmonella</i> Typhimurium. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 851-860.	0.9	36
16	Application of Plasmid DNA Encoding IL-18 Diminishes Development of Herpetic Stromal Keratitis by Antiangiogenic Effects. <i>Journal of Immunology</i> , 2005, 175, 509-516.	0.8	33
17	Toll-like receptor 7 affects the pathogenesis of non-alcoholic fatty liver disease. <i>Scientific Reports</i> , 2016, 6, 27849.	3.3	33
18	Toll-Like Receptor-7 Signaling Promotes Nonalcoholic Steatohepatitis by Inhibiting Regulatory T Cells in Mice. <i>American Journal of Pathology</i> , 2018, 188, 2574-2588.	3.8	33

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19	Time course of polyhexamethyleneguanidine phosphate-induced lung inflammation and fibrosis in mice. <i>Toxicology and Applied Pharmacology</i> , 2018, 345, 94-102.	2.8	30
20	IGF-1 Facilitates Cartilage Reconstruction by Regulating PI3K/AKT, MAPK, and NF- $\kappa$ B Signaling in Rabbit Osteoarthritis. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 3555-3568.	3.5	30
21	Evaluation of immunomodulatory effects of zearalenone in mice. <i>Journal of Immunotoxicology</i> , 2017, 14, 125-136.	1.7	29
22	NADPH oxidase (NOX) 1 mediates cigarette smoke-induced superoxide generation in rat vascular smooth muscle cells. <i>Toxicology in Vitro</i> , 2017, 38, 49-58.	2.4	27
23	Enhanced viral immunoinflammatory lesions in mice lacking IL-23 responses. <i>Microbes and Infection</i> , 2008, 10, 302-312.	1.9	26
24	Dual TLR2/9 Recognition of Herpes Simplex Virus Infection Is Required for Recruitment and Activation of Monocytes and NK Cells and Restriction of Viral Dissemination to the Central Nervous System. <i>Frontiers in Immunology</i> , 2018, 9, 905.	4.8	26
25	Baicalein inhibits tumor progression by inhibiting tumor cell growth and tumor angiogenesis. <i>Oncology Reports</i> , 2017, 38, 3011-3018.	2.6	25
26	Polyhexamethyleneguanidine phosphate induces cytotoxicity through disruption of membrane integrity. <i>Toxicology</i> , 2019, 414, 35-44.	4.2	25
27	Depletion of MCP-1 increases development of herpetic stromal keratitis by innate immune modulation. <i>Journal of Leukocyte Biology</i> , 2006, 80, 1405-1415.	3.3	23
28	Dual TBK1/IKK $\epsilon$ inhibitor amlexanox attenuates the severity of hepatotoxin-induced liver fibrosis and biliary fibrosis in mice. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 1383-1398.	3.6	22
29	Evaluation of local and systemic immune responses in pigs experimentally challenged with porcine reproductive and respiratory syndrome virus. <i>Veterinary Research</i> , 2020, 51, 66.	3.0	22
30	Transmissible Gastroenteritis Virus Induces Apoptosis in Swine Testicular Cell Lines but not in Intestinal Enterocytes. <i>Journal of Comparative Pathology</i> , 2000, 123, 64-66.	0.4	21
31	Effects of cigarette smoke extracts on cell cycle, cell migration and endocrine activity in human placental cells. <i>Reproductive Toxicology</i> , 2017, 73, 8-19.	2.9	21
32	Dual TBK1/IKK $\mu$ inhibitor amlexanox mitigates palmitic acid-induced hepatotoxicity and lipoapoptosis in vitro. <i>Toxicology</i> , 2020, 444, 152579.	4.2	21
33	Toll-Like Receptor 5 Signaling Ameliorates Liver Fibrosis by Inducing Interferon $\gamma$ -Modulated IL-1 Receptor Antagonist in Mice. <i>American Journal of Pathology</i> , 2020, 190, 614-629.	3.8	21
34	Nasal immunization with M cell-targeting ligand-conjugated ApxIIA toxin fragment induces protective immunity against <i>Actinobacillus pleuropneumoniae</i> infection in a murine model. <i>Veterinary Microbiology</i> , 2015, 177, 142-153.	1.9	20
35	High prevalence of <i>Clostridium difficile</i> PCR ribotype 078 in pigs in Korea. <i>Anaerobe</i> , 2018, 51, 42-46.	2.1	20
36	Amlexanox ameliorates acetaminophen-induced acute liver injury by reducing oxidative stress in mice. <i>Toxicology and Applied Pharmacology</i> , 2019, 385, 114767.	2.8	19

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37	Fermented Korean Red Ginseng Extract Enriched in Rd and Rg3 Protects against Non-Alcoholic Fatty Liver Disease through Regulation of mTORC1. <i>Nutrients</i> , 2019, 11, 2963.	4.1	18
38	Vascular Endothelial Growth Factor Receptor 2-Based DNA Immunization Delays Development of Herpetic Stromal Keratitis by Antiangiogenic Effects. <i>Journal of Immunology</i> , 2006, 177, 4122-4131.	0.8	17
39	Cigarette smoke extracts induced the colon cancer migration via regulating epithelial mesenchymal transition and metastatic genes in human colon cancer cells. <i>Environmental Toxicology</i> , 2017, 32, 690-704.	4.0	17
40	Therapeutic effects of zerumbone in an alkali-burned corneal wound healing model. <i>International Immunopharmacology</i> , 2017, 48, 126-134.	3.8	17
41	Pathogenicity of severe fever with thrombocytopenia syndrome virus in mice regulated in type I interferon signaling. <i>Laboratory Animal Research</i> , 2020, 36, 38.	2.5	16
42	Ginsenoside-Rb1 prevents bone cartilage destruction through down-regulation of p-Akt, p-P38, and p-P65 signaling in rabbit. <i>Phytomedicine</i> , 2022, 100, 154039.	5.3	16
43	Evaluation of the Cross-Protective Efficacy of a Chimeric Porcine Reproductive and Respiratory Syndrome Virus Constructed Based on Two Field Strains. <i>Viruses</i> , 2016, 8, 240.	3.3	15
44	Beneficial Effects of Korean Red Ginseng in the Progression of Non-Alcoholic Steatohepatitis via FABP4 Modulation. <i>The American Journal of Chinese Medicine</i> , 2018, 46, 1581-1607.	3.8	15
45	Pathogenicity of clade 2.3.4.4 H5N6 highly pathogenic avian influenza virus in three chicken breeds from South Korea in 2016/2017. <i>Journal of Veterinary Science</i> , 2019, 20, e27.	1.3	15
46	Ginsenoside Rb1 inhibits monoiodoacetate-induced osteoarthritis in postmenopausal rats through prevention of cartilage degradation. <i>Journal of Ginseng Research</i> , 2021, 45, 287-294.	5.7	15
47	Ultra- and micro-structural changes of respiratory tracts in SARS-CoV-2 infected Syrian hamsters. <i>Veterinary Research</i> , 2021, 52, 121.	3.0	15
48	Mainstream cigarette smoke accelerates the progression of nonalcoholic steatohepatitis by modulating Kupffer cell-mediated hepatocellular apoptosis in adolescent mice. <i>Toxicology Letters</i> , 2016, 256, 53-63.	0.8	14
49	Oocyst-Shedding Patterns of Three <i>Eimeria</i> Species in Chickens and Shedding Pattern Variation Depending on the Storage Period of <i>Eimeria tenella</i> Oocysts. <i>Journal of Parasitology</i> , 2018, 104, 18-22.	0.7	14
50	Dietary zerumbone, a sesquiterpene, ameliorates hepatotoxin-mediated acute and chronic liver injury in mice. <i>Phytotherapy Research</i> , 2019, 33, 1538-1550.	5.8	14
51	Fermented ginseng, GBCK25, ameliorates steatosis and inflammation in nonalcoholic steatohepatitis model. <i>Journal of Ginseng Research</i> , 2019, 43, 196-208.	5.7	14
52	Myricetin induces apoptosis and autophagy in human gastric cancer cells through inhibition of the PI3K/Akt/mTOR pathway. <i>Heliyon</i> , 2022, 8, e09309.	3.2	14
53	In vitro immune responses of porcine alveolar macrophages reflect host immune responses against porcine reproductive and respiratory syndrome viruses. <i>BMC Veterinary Research</i> , 2018, 14, 380.	1.9	13
54	Treatment of cigarette smoke extract and condensate differentially potentiates palmitic acid-induced lipotoxicity and steatohepatitis in vitro. <i>Toxicology in Vitro</i> , 2018, 52, 33-40.	2.4	13

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55	Inhalation exposure to cigarette smoke induces endothelial nitric oxide synthase uncoupling and enhances vascular collagen deposition in streptozotocin-induced diabetic rats. <i>Food and Chemical Toxicology</i> , 2020, 136, 110988.	3.6	13
56	Effect of polymorphisms in porcine guanylate-binding proteins on host resistance to PRRSV infection in experimentally challenged pigs. <i>Veterinary Research</i> , 2020, 51, 14.	3.0	13
57	Ablation of CD11c hi dendritic cells exacerbates Japanese encephalitis by regulating blood-brain barrier permeability and altering tight junction/adhesion molecules. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2016, 48, 22-32.	1.6	12
58	Effects of nicotine on corneal wound healing following acute alkali burn. <i>PLoS ONE</i> , 2017, 12, e0179982.	2.5	12
59	Nicotine attenuates concanavalin A-induced liver injury in mice by regulating the $\alpha 7$ -nicotinic acetylcholine receptor in Kupffer cells. <i>International Immunopharmacology</i> , 2020, 78, 106071.	3.8	12
60	<i>Orostachys japonicus</i> ameliorates acetaminophen-induced acute liver injury in mice. <i>Journal of Ethnopharmacology</i> , 2021, 265, 113392.	4.1	12
61	Analysis of Five Arboviruses and Culicoides Distribution on Cattle Farms in Jeollabuk-do, Korea. <i>Korean Journal of Parasitology</i> , 2018, 56, 477-485.	1.3	12
62	Effects of glass bead size, vortexing speed and duration on <i>Eimeria acervulina</i> oocyst excystation. <i>Experimental Parasitology</i> , 2014, 138, 18-24.	1.2	11
63	Characterization and Antimicrobial Resistance of <i>Salmonella</i> Typhimurium Isolates from Clinically Diseased Pigs in Korea. <i>Journal of Food Protection</i> , 2016, 79, 1884-1890.	1.7	11
64	Low-dose cadmium exposure exacerbates polyhexamethylene guanidine-induced lung fibrosis in mice. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 384-396.	2.3	11
65	<i>Lactobacillus</i> Aggravate Bile Duct Ligation-Induced Liver Inflammation and Fibrosis in Mice. <i>Toxicological Research</i> , 2018, 34, 241-247.	2.1	11
66	Asunaprevir, a Potent Hepatitis C Virus Protease Inhibitor, Blocks SARS-CoV-2 Propagation. <i>Molecules and Cells</i> , 2021, 44, 688-695.	2.6	11
67	Cigarette smoking differentially regulates inflammatory responses in a mouse model of nonalcoholic steatohepatitis depending on exposure time point. <i>Food and Chemical Toxicology</i> , 2020, 135, 110930.	3.6	10
68	Macrophage-Inducible C-Type Lectin Signaling Exacerbates Acetaminophen-Induced Liver Injury by Promoting Kupffer Cell Activation in Mice. <i>Molecular Pharmacology</i> , 2021, 99, 92-103.	2.3	10
69	Experimental infection of dogs with severe fever with thrombocytopenia syndrome virus: Pathogenicity and potential for intraspecies transmission. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 3090-3096.	3.0	10
70	Detrimental effects of nicotine on thioacetamide-induced liver injury in mice. <i>Toxicology Mechanisms and Methods</i> , 2017, 27, 501-510.	2.7	9
71	Indispensable Role of CX3CR1+ Dendritic Cells in Regulation of Virus-Induced Neuroinflammation Through Rapid Development of Antiviral Immunity in Peripheral Lymphoid Tissues. <i>Frontiers in Immunology</i> , 2019, 10, 1467.	4.8	9
72	CCR5 attenuates neutrophilic airway inflammation exacerbated by infection with rhinovirus. <i>Cellular Immunology</i> , 2020, 351, 104066.	3.0	9

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73	Arthroscopy for the Diagnosis and Treatment of Failed Trochleoplasty in a Dog. <i>Journal of Veterinary Clinics</i> , 2015, 32, 251-254.	0.1	9
74	Non-invasive administration of AAV to target lung parenchymal cells and develop SARS-CoV-2-susceptible mice. <i>Molecular Therapy</i> , 2022, 30, 1994-2004.	8.2	9
75	A Simplified SARS-CoV-2 Mouse Model Demonstrates Protection by an Oral Replicon-Based mRNA Vaccine. <i>Frontiers in Immunology</i> , 2022, 13, 811802.	4.8	8
76	Application of FGF-2 to Modulate Herpetic Stromal Keratitis. <i>Current Eye Research</i> , 2006, 31, 1021-1028.	1.5	7
77	Cytotoxicity of Fumonisin B <sub>1</sub> in Spheroid and Monolayer Cultures of Rat Hepatocytes. <i>Drug and Chemical Toxicology</i> , 2008, 31, 339-352.	2.3	7
78	Experimental infection of cows with newly isolated Akabane virus strain (AKAV-7) causing encephalomyelitis. <i>Veterinary Research</i> , 2016, 47, 62.	3.0	7
79	Exogenous activation of toll-like receptor 5 signaling mitigates acetaminophen-induced hepatotoxicity in mice. <i>Toxicology Letters</i> , 2021, 342, 58-72.	0.8	7
80	Korean Red Ginseng attenuates type 2 diabetic cardiovascular dysfunction in Otsuka Long-Evans Tokushima Fatty rats. <i>Journal of Ginseng Research</i> , 2020, 44, 308-311.	5.7	6
81	Molecular cloning, expression and impact of ribosomal protein S-27 silencing in <i>Haemaphysalis longicornis</i> (Acari: Ixodidae). <i>Experimental Parasitology</i> , 2020, 209, 107829.	1.2	6
82	AK-1, a Sirt2 inhibitor, alleviates carbon tetrachloride-induced hepatotoxicity <i>in vivo</i> and <i>in vitro</i> . <i>Toxicology Mechanisms and Methods</i> , 2020, 30, 324-335.	2.7	6
83	Viruses and autoimmunity. <i>Autoimmunity</i> , 2005, 38, 559-565.	2.6	5
84	Evaluating the Influence of Side Stream Cigarette Smoke at an Early Stage of Non-Alcoholic Steatohepatitis Progression in Mice. <i>Toxicological Research</i> , 2017, 33, 31-41.	2.1	5
85	Morphological and Molecular Characterization of <i>Toxocara tanuki</i> (Nematoda: Ascaridae) from Korean Raccoon Dog, <i>Nyctereutes procyonoides koreensis</i> . <i>Korean Journal of Parasitology</i> , 2018, 56, 567-575.	1.3	5
86	Oral administration of Jinan Red Ginseng and licorice extract mixtures ameliorates nonalcoholic steatohepatitis by modulating lipogenesis. <i>Journal of Ginseng Research</i> , 2022, 46, 126-137.	5.7	5
87	Type I IFN signaling limits hemorrhage-like disease after infection with Japanese encephalitis virus through modulating a prerequisite infection of CD11b+Ly-6C+ monocytes. <i>Journal of Neuroinflammation</i> , 2021, 18, 136.	7.2	5
88	Molecular subtyping and antimicrobial susceptibility of <i>Streptococcus dysgalactiae</i> subspecies <i>equisimilis</i> isolates from clinically diseased pigs. <i>Journal of Veterinary Science</i> , 2020, 21, e57.	1.3	5
89	Comparison of the pathogenicity of porcine reproductive and respiratory syndrome virus (PRRSV)-1 and PRRSV-2 in pregnant sows. <i>Archives of Virology</i> , 2022, 167, 425-439.	2.1	5
90	Vaccination of goats with a combination <i>Salmonella</i> vector expressing four <i>Brucella</i> antigens (BLS, PrpA, Omp19, and SOD) confers protection against <i>Brucella abortus</i> infection. <i>Journal of Veterinary Science</i> , 2018, 19, 643.	1.3	4

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91	<i>Orostachys japonicus</i> A. Berger (Crassulaceae) Exerts Antidiabetic Activity by Improving Glucose and Lipid Levels in Type 2 Diabetic Mice. <i>Journal of Medicinal Food</i> , 2019, 22, 797-809.	1.5	4
92	Effect of Korean Red Ginseng through comparative analysis of cardiac gene expression in db/db mice. <i>Journal of Ginseng Research</i> , 2021, 45, 450-455.	5.7	4
93	GBCK25, fermented ginseng, attenuates cardiac dysfunction in high fat diet-induced obese mice. <i>Journal of Ginseng Research</i> , 2018, 42, 356-360.	5.7	3
94	Asunaprevir, a Potent Hepatitis C Virus Protease Inhibitor, Blocks SARS-CoV-2 Propagation. <i>Molecules and Cells</i> , 2021, , .	2.6	3
95	Evaluation of the Cross-Protective Efficacy of a Chimeric PRRSV Vaccine against Two Genetically Diverse PRRSV2 Field Strains in a Reproductive Model. <i>Vaccines</i> , 2021, 9, 1258.	4.4	3
96	Experimental Infection of Goats with a Newly Isolated Strain of Akabane Virus that Causes Encephalomyelitis. <i>Journal of Comparative Pathology</i> , 2017, 157, 220-229.	0.4	2
97	Characterization of <i>Clostridium novyi</i> isolated from a sow in a sudden death case in Korea. <i>BMC Veterinary Research</i> , 2020, 16, 127.	1.9	2
98	A gastric cancer cell derived extracellular compounds suppresses CD161+CD3- lymphocytes and aggravates tumor formation in a syngeneic mouse model. <i>Molecular Immunology</i> , 2020, 120, 136-145.	2.2	2
99	Protective efficacy of attenuated <i>Salmonella</i> Typhimurium strain expressing BLS, Omp19, PrpA, or SOD of <i>Brucella abortus</i> in goats. <i>Journal of Veterinary Science</i> , 2021, 22, e15.	1.3	2
100	Osteoporosis in an Asian small-clawed otter ( <i>Aonyx cinereus</i> Illiger, 1815). <i>Journal of Veterinary Medical Science</i> , 2020, 82, 376-378.	0.9	2
101	Coinfection with Hepatozoon sp. and Canine Distemper Virus in a Yellow-throated Marten ( <i>Martes</i> ) Tj ETQq1 1 0.784314 rgBT /Overl	0.8	1
102	Biological effects of cyclosporin A on CD3 <sup>+</sup> CD161+ and CD3+CD161+ lymphocytes. <i>Molecular and Cellular Biochemistry</i> , 2019, 458, 159-169.	3.1	1
103	Evaluation of the Inhibitory Effects of (E)-1-(2-hydroxy-4,6-dimethoxyphenyl)-3-(naphthalen-1-yl)prop-2-en-1-one (DiNap), a Natural Product Analog, on the Replication of Type 2 PRRSV In Vitro and In Vivo. <i>Molecules</i> , 2019, 24, 887.	3.8	1
104	Safety Evaluation of Kyungokgo-gamibang Administration Based on Hematological, Biochemical, Protein, and Lipid Profiles in Dogs. <i>Journal of Veterinary Clinics</i> , 2021, 38, 7-15.	0.1	1
105	Comparative study of sodium bicarbonate- and magnesium hydroxide-based gastric antacids for the effectiveness of <i>Salmonella</i> delivered <i>Brucella</i> antigens against wild type challenge in BALB/c mice. <i>Pathogens and Disease</i> , 2021, 79, .	2.0	1
106	Ethanol Extract of <i>Orostachys japonicus</i> A. Berger (Crassulaceae) Protects Against Type 2 Diabetes by Reducing Insulin Resistance and Hepatic Inflammation in Mice. <i>Journal of Medicinal Food</i> , 2021, 24, 464-478.	1.5	1
107	Primary B-Cell Lymphoma of Submandibular Lymph Node in a Water Deer ( <i>Hydropotes inermis</i> ). <i>Journal of Wildlife Diseases</i> , 2016, 52, 403-406.	0.8	0
108	Effects of high molecular weight poly- $\beta$ -glutamic acid on PIGS with porcine preproductive and respiratory syndrome virus (PRRSV) infection. <i>Acta Veterinaria</i> , 2017, 67, 153-167.	0.5	0

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109	Evaluation of circulating IGF-I and IGFBP-3 as biomarkers for tumors in dogs. <i>Journal of Veterinary Science</i> , 2021, 22, e77.	1.3	0
110	Attraction and Repellent Behaviors of <i>Culicoides</i> Biting Midges toward Cow Dung, Carbon Dioxide, and Essential Oils. <i>Korean Journal of Parasitology</i> , 2021, 59, 465-471.	1.3	0