

Sang Wha Kim

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

110
papers

1,413
citations

21
h-index

31
g-index

118
ext. papers

1,928
ext. citations

4.3
avg, IF

4.86
L-index

#	Paper	IF	Citations
110	Genomic characterization of bacteriophage pSal-SNUABM-01, a novel elongated-head phage infecting <i>Salmonella</i> sp.. <i>Archives of Virology</i> , 2022 , 167, 655	2.6	
109	The Opportunistic Pathogen <i>Chryseobacterium balustinum</i> WLT: Pathogenicity and Antibiotic Resistance. <i>Fishes</i> , 2022 , 7, 26	2.5	0
108	Bactericidal efficacy of non-thermal plasma activation against <i>Aeromonas hydrophila</i> and immunological responses of koi (<i>Cyprinus carpio haematopterus</i>).. <i>Fish and Shellfish Immunology</i> , 2022 , 121, 197-204	4.3	1
107	Lipid metabolism, immune and apoptosis transcriptomic responses of the hepatopancreas of Chinese mitten crab to the exposure to microcystin-LR.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 236, 113439	7	1
106	A Case of Submandibular Leiomyosarcoma, Mimicking an Abscess, in a Ball Python (). <i>Veterinary Sciences</i> , 2021 , 8,	2.4	
105	Strategy for mass production of lytic <i>Staphylococcus aureus</i> bacteriophage pSa-3: contribution of multiplicity of infection and response surface methodology. <i>Microbial Cell Factories</i> , 2021 , 20, 56	6.4	5
104	Two Novel Bacteriophages Control Multidrug- and Methicillin-Resistant Biofilm. <i>Frontiers in Medicine</i> , 2021 , 8, 524059	4.9	3
103	Complete mitochondrial genome and phylogenetic analysis of the copper shark (Güther, 1870). <i>Mitochondrial DNA Part B: Resources</i> , 2021 , 6, 1659-1661	0.5	1
102	A simplified modification to rapidly determine the residues of nitrofurans and their metabolites in aquatic animals by HPLC triple quadrupole mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 7551-7563	5.1	3
101	Failure to maintain full-term pregnancies in pig carrying <i>klotho</i> monoallelic knockout fetuses. <i>BMC Biotechnology</i> , 2021 , 21, 1	3.5	2
100	Bacteriophage as an alternative to prevent reptile-associated <i>Salmonella</i> transmission. <i>Zoonoses and Public Health</i> , 2021 , 68, 131-143	2.9	1
99	sp. nov., Isolated from Kidney of Rainbow Trout (). <i>Pathogens</i> , 2021 , 10,	4.5	4
98	Applications of carbon nanotubes and polymeric micro-/nanoparticles in fish vaccine delivery: progress and future perspectives. <i>Reviews in Aquaculture</i> , 2021 , 13, 1844-1863	8.9	4
97	Development and Validation of a LC-MS/MS Method for the Determination of Nitrofurans Metabolites in Soft-Shell Turtle Powder Health Food Supplement. <i>International Journal of Analytical Chemistry</i> , 2021 , 2021, 8822448	1.4	1
96	Role of dietary curcumin against waterborne lead toxicity in common carp <i>Cyprinus carpio</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021 , 219, 112318	7	5
95	Effects of Dietary <i>Lactiplantibacillus plantarum</i> subsp. <i>plantarum</i> L7, Alone or in Combination with <i>Limosilactobacillus reuteri</i> P16, on Growth, Mucosal Immune Responses, and Disease Resistance of <i>Cyprinus carpio</i> . <i>Probiotics and Antimicrobial Proteins</i> , 2021 , 13, 1747-1758	5.5	1
94	Cross-sectional anatomy, computed tomography, and magnetic resonance imaging of the banded houndshark (<i>Triakis scyllium</i>). <i>Scientific Reports</i> , 2021 , 11, 1165	4.9	0

93	Characterization of Novel Jumbo Bacteriophages from Genus. <i>Viruses</i> , 2020 , 12,	6.2	3
92	Immunomodulatory Role of Microbial Surfactants, with Special Emphasis on Fish. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
91	First Isolation and Characterization of SKNUCL01, Isolated from Diseased Pond loach () in Korea. <i>Pathogens</i> , 2020 , 9,	4.5	1
90	Carp Edema Virus and Cyprinid Herpesvirus-3 Coinfection is Associated with Mass Mortality of Koi () in the Republic of Korea. <i>Pathogens</i> , 2020 , 9,	4.5	9
89	Identification and Genome Analysis of Causing Mortality of Pacific Oyster () Larvae. <i>Pathogens</i> , 2020 , 9,	4.5	6
88	Isolation and Characterization of Two Bacteriophages and Their Preventive Effects against Pathogenic Causing Mortality of Pacific Oyster () Larvae. <i>Microorganisms</i> , 2020 , 8,	4.9	4
87	Isolation of sp. nov., from liver of diseased catfish (). <i>Heliyon</i> , 2020 , 6, e03454	3.6	2
86	Characterization and Pathological Analysis of a Virulent Strain Isolated From Nile Tilapia () in Korea. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 14	3.1	4
85	MGOS: A library for molecular geometry and its operating system. <i>Computer Physics Communications</i> , 2020 , 251, 107101	4.2	1
84	Synergistic phage-surfactant combination clears IgE-promoted Staphylococcus aureus aggregation in vitro and enhances the effect in vivo. <i>International Journal of Antimicrobial Agents</i> , 2020 , 56, 105997	14.3	9
83	Isolation and Characterization of Jumbo-Phage pSal-SNUABM-04. <i>Viruses</i> , 2020 , 13,	6.2	5
82	Recent Insights into and Its Bacteriophages in Aquaculture: A Comprehensive Review. <i>Journal of Microbiology and Biotechnology</i> , 2020 , 30, 1443-1457	3.3	8
81	Genomic characterization of bacteriophage pEt-SU, a novel phiKZ-related virus infecting <i>Edwardsiella tarda</i> . <i>Archives of Virology</i> , 2020 , 165, 219-222	2.6	6
80	Vaccination of fish against <i>Aeromonas hydrophila</i> infections using the novel approach of transcutaneous immunization with dissolving microneedle patches in aquaculture. <i>Fish and Shellfish Immunology</i> , 2020 , 97, 34-40	4.3	7
79	Bacteriophage Cocktail for the Prevention of Multiple-Antibiotic-Resistant and Mono-Phage-Resistant Infection in Pacific Oyster () Larvae. <i>Pathogens</i> , 2020 , 9,	4.5	8
78	Distribution and antimicrobial resistance profiles of bacterial species in stray dogs, hospital-admitted dogs, and veterinary staff in South Korea. <i>Preventive Veterinary Medicine</i> , 2020 , 184, 105151	3.1	5
77	Effectiveness of the guava leaf extracts against lipopolysaccharide-induced oxidative stress and immune responses in <i>Cyprinus carpio</i> . <i>Fish and Shellfish Immunology</i> , 2020 , 105, 164-176	4.3	9
76	The whale shark genome reveals how genomic and physiological properties scale with body size. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 20662-20671	11.5	13

75	Immunostimulation by starch hydrogel-based oral vaccine using formalin-killed cells against edwardsiellosis in Japanese eel, <i>Anguilla japonica</i> . <i>Vaccine</i> , 2020 , 38, 3847-3853	4.1	4
74	Infection in Rainbow Trout () As a Primary Pathogenic Cause of Eye Protrusion and Mortality. <i>Microorganisms</i> , 2019 , 7,	4.9	6
73	as An Emerging Pathogenic Bacterium Affecting Rainbow Trout () Fisheries in Korea. <i>Pathogens</i> , 2019 , 8,	4.5	8
72	Mass mortality in Korean bay scallop (<i>Argopecten irradians</i>) associated with Ostreid Herpesvirus-1. <i>Mar. Transboundary and Emerging Diseases</i> , 2019 , 66, 1442-1448	4.2	6
71	Enhanced bath immersion vaccination through microbubble treatment in the cyprinid loach. <i>Fish and Shellfish Immunology</i> , 2019 , 91, 12-18	4.3	9
70	Superiority of PLGA microparticle-encapsulated formalin-killed cell vaccine in protecting olive flounder against <i>Streptococcus parauberis</i> . <i>Aquaculture</i> , 2019 , 509, 67-71	4.4	3
69	Isolation and characterisation of pVa-21, a giant bacteriophage with anti-biofilm potential against <i>Vibrio alginolyticus</i> . <i>Scientific Reports</i> , 2019 , 9, 6284	4.9	22
68	Heavy metal accumulation in and food safety of shark meat from Jeju island, Republic of Korea. <i>PLoS ONE</i> , 2019 , 14, e0212410	3.7	11
67	Characterization of the antioxidant and anti-inflammatory properties of a polysaccharide-based bioflocculant from <i>Bacillus subtilis</i> F9. <i>Microbial Pathogenesis</i> , 2019 , 136, 103642	3.8	6
66	Detoxification, Apoptosis, and Immune Transcriptomic Responses of the Gill Tissue of Bay Scallop Following Exposure to the Algicide Thiazolidinedione 49. <i>Biomolecules</i> , 2019 , 9,	5.9	2
65	Effects of bioactive substance from turmeric on growth, skin mucosal immunity and antioxidant factors in common carp, <i>Cyprinus carpio</i> . <i>Fish and Shellfish Immunology</i> , 2019 , 92, 612-620	4.3	38
64	Effect of the Algicide Thiazolidinedione 49 on Immune Responses of Bay Scallop I. <i>Molecules</i> , 2019 , 24,	4.8	5
63	Application of the bacteriophage pVco-14 to prevent <i>Vibrio coralliilyticus</i> infection in Pacific oyster (<i>Crassostrea gigas</i>) larvae. <i>Journal of Invertebrate Pathology</i> , 2019 , 167, 107244	2.6	14
62	Genetic Characterization and Pathological Analysis of a Novel Bacterial Pathogen, , in Rainbow Trout (). <i>Microorganisms</i> , 2019 , 7,	4.9	8
61	Genome and Phylogenetic Analysis of Infectious Hematopoietic Necrosis Virus Strain SNU1 Isolated in Korea. <i>Pathogens</i> , 2019 , 8,	4.5	2
60	Emergence of Rickettsial Infection in Rainbow Trout () Fry Displaying the Appearance of Red Mark Syndrome in Korea. <i>Microorganisms</i> , 2019 , 7,	4.9	5
59	sp. nov., novel species isolated from rainbow trout kidney. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 3851-3856	2.2	8
58	A Case of Mortality Caused by in Wild-Caught Red-Eyed Crocodile Skinks (). <i>Veterinary Sciences</i> , 2019 , 7,	2.4	2

57	First report of a Risso's dolphin (<i>Grampus griseus</i>) stranded in Jeju Island, Republic of Korea: findings from necropsy, histopathology and microbiome analysis. <i>Veterinary Record Case Reports</i> , 2019 , 7, e000860	0.2	1
56	Immunostimulation of <i>Cyprinus carpio</i> using phage lysate of <i>Aeromonas hydrophila</i> . <i>Fish and Shellfish Immunology</i> , 2019 , 86, 680-687	4.3	12
55	Characterisation of Lactic Acid Bacteria Isolated from the Gut of <i>Cyprinus carpio</i> That May Be Effective Against Lead Toxicity. <i>Probiotics and Antimicrobial Proteins</i> , 2019 , 11, 65-73	5.5	14
54	Bacteriophages reduce <i>Yersinia enterocolitica</i> contamination of food and kitchenware. <i>International Journal of Food Microbiology</i> , 2018 , 271, 33-47	5.8	19
53	Complete Genome Sequence of a Bacteriophage, pVco-5, That Infects, Which Causes Bacillary Necrosis in Pacific Oyster (<i>Ostrea edulis</i>) Larvae. <i>Genome Announcements</i> , 2018 , 6,		5
52	Use of bacterial subcellular components as immunostimulants in fish aquaculture. <i>Reviews in Aquaculture</i> , 2018 , 10, 474-492	8.9	9
51	Semi-quantitative assessment of disease risks at the human, livestock, wildlife interface for the Republic of Korea using a nationwide survey of experts: A model for other countries. <i>Transboundary and Emerging Diseases</i> , 2018 , 65, e155-e164	4.2	2
50	Therapeutic Effect of Intestinal Autochthonous P16 Against Waterborne Lead Toxicity in. <i>Frontiers in Immunology</i> , 2018 , 9, 1824	8.4	36
49	Use of a Potential Probiotic, L7, for the Preparation of a Rice-Based Fermented Beverage. <i>Frontiers in Microbiology</i> , 2018 , 9, 473	5.7	30
48	Detoxification- and Immune-Related Transcriptomic Analysis of Gills from Bay Scallops (<i>Argopecten irradians</i>) in Response to Algal Toxin Okadaic Acid. <i>Toxins</i> , 2018 , 10,	4.9	18
47	First report of carp oedema virus infection of koi (<i>Cyprinus carpio haematopterus</i>) in the Republic of Korea. <i>Transboundary and Emerging Diseases</i> , 2018 , 65, 315-320	4.2	15
46	Phage Application for the Protection from Acute Hepatopancreatic Necrosis Disease (AHPND) in. <i>Indian Journal of Microbiology</i> , 2018 , 58, 114-117	3.7	29
45	Detoxification and Immune Transcriptomic Response of the Gill Tissue of Bay Scallop (<i>Argopecten irradians</i>) Following Exposure to the Algicide Palmitoleic Acid. <i>Biomolecules</i> , 2018 , 8,	5.9	5
44	Use of a Potential Probiotic, L4, in the Preparation of Fermented Coconut Water Beverage. <i>Frontiers in Microbiology</i> , 2018 , 9, 1976	5.7	7
43	Complete mitochondrial genome of the beluga whale <i>Delphinapterus leucas</i> (Cetacea: Monodontidae). <i>Conservation Genetics Resources</i> , 2017 , 9, 435-438	0.8	8
42	Complete genome sequence of multidrug-resistant <i>Staphylococcus cohnii</i> ssp. <i>urealyticus</i> strain SNUDS-2 isolated from farmed duck, Republic of Korea. <i>Journal of Global Antimicrobial Resistance</i> , 2017 , 10, 37-39	3.4	
41	Efficacy of PLGA microparticle-encapsulated formalin-killed <i>Aeromonas hydrophila</i> cells as a single-shot vaccine against <i>A. hydrophila</i> infection. <i>Vaccine</i> , 2017 , 35, 3959-3965	4.1	22
40	Complete Genome Sequence of Bacteriophage pSa-3. <i>Genome Announcements</i> , 2017 , 5,		4

39	Complete Genome Sequence of 58, Isolated from Pacific Oyster () Larvae. <i>Genome Announcements</i> , 2017 , 5,		5
38	Effects of algal toxin okadaic acid on the non-specific immune and antioxidant response of bay scallop (<i>Argopecten irradians</i>). <i>Fish and Shellfish Immunology</i> , 2017 , 65, 111-117	4.3	26
37	Establishment of Transgenic Porcine Fibroblasts Expressing a Human klotho Gene and Its Effects on Gene Expression and Preimplantation Development of Cloned Embryos. <i>DNA and Cell Biology</i> , 2017 , 36, 42-49	3.6	5
36	Complete genome sequence of multidrug-resistant <i>Staphylococcus sciuri</i> strain SNUDS-18 isolated from a farmed duck in South Korea. <i>Journal of Global Antimicrobial Resistance</i> , 2017 , 11, 108-110	3.4	2
35	Evaluation of dietary <i>Hybanthus enneaspermus</i> (Linn F. Muell.) as a growth and haemato-immunological modulator in <i>Labeo rohita</i> . <i>Fish and Shellfish Immunology</i> , 2017 , 68, 310-317	4.3	14
34	Complete Genome Sequence of the Novel Bacteriophage pSco-10 Infecting. <i>Genome Announcements</i> , 2017 , 5,		1
33	Role of VS16-Derived Biosurfactant in Mediating Immune Responses in Carp Rohu and its Application to the Food Industry. <i>Frontiers in Microbiology</i> , 2017 , 8, 514	5.7	28
32	Dietary emodin affects the growth performance, immune responses, and disease resistance of <i>Labeo rohita</i> against <i>Aeromonas hydrophila</i> . <i>Aquaculture International</i> , 2016 , 24, 85-99	2.6	11
31	Role of dietary ginger <i>Zingiber officinale</i> in improving growth performances and immune functions of <i>Labeo rohita</i> fingerlings. <i>Fish and Shellfish Immunology</i> , 2016 , 57, 362-370	4.3	53
30	Immune response of the bay scallop, <i>Argopecten irradians</i> , after exposure to the algicide palmitoleic acid. <i>Fish and Shellfish Immunology</i> , 2016 , 57, 371-378	4.3	8
29	Bacteriophage application to control the contaminated water with <i>Shigella</i> . <i>Scientific Reports</i> , 2016 , 6, 22636	4.9	28
28	Heat-killed whole-cell products of the probiotic <i>Pseudomonas aeruginosa</i> VSG2 strain affect in vitro cytokine expression in head kidney macrophages of <i>Labeo rohita</i> . <i>Fish and Shellfish Immunology</i> , 2016 , 50, 310-6	4.3	17
27	Isolation and Comparative Genomic Analysis of T1-Like <i>Shigella</i> Bacteriophage pSf-2. <i>Current Microbiology</i> , 2016 , 72, 235-41	2.4	13
26	Immunomodulatory Effects of a Bioactive Compound Isolated from <i>Dryopteris crassirhizoma</i> on the Grass Carp <i>Ctenopharyngodon idella</i> . <i>Journal of Immunology Research</i> , 2016 , 2016, 3068913	4.5	12
25	Dietary Administration of Banana (<i>Musa acuminata</i>) Peel Flour Affects the Growth, Antioxidant Status, Cytokine Responses, and Disease Susceptibility of Rohu, <i>Labeo rohita</i> . <i>Journal of Immunology Research</i> , 2016 , 2016, 4086591	4.5	35
24	Effect of the Algaecide Palmitoleic Acid on the Immune Function of the Bay Scallop <i>Argopecten irradians</i> . <i>Molecules</i> , 2016 , 21,	4.8	8
23	Marine Toxin Okadaic Acid Affects the Immune Function of Bay Scallop (<i>Argopecten irradians</i>). <i>Molecules</i> , 2016 , 21,	4.8	16
22	Protective effects of leucine against lipopolysaccharide-induced inflammatory response in <i>Labeo rohita</i> fingerlings. <i>Fish and Shellfish Immunology</i> , 2016 , 52, 239-47	4.3	10

21	Immunotoxicological effects of cadmium on <i>Labeo rohita</i> , with emphasis on the expression of HSP genes. <i>Fish and Shellfish Immunology</i> , 2016 , 54, 164-71	4.3	36
20	Role of <i>Bacillus subtilis</i> VSG4-derived biosurfactant in mediating immune responses in <i>Labeo rohita</i> . <i>Fish and Shellfish Immunology</i> , 2016 , 54, 220-9	4.3	18
19	Pinocembrin attenuates lipopolysaccharide-induced inflammatory responses in <i>Labeo rohita</i> macrophages via the suppression of the NF- κ B signalling pathway. <i>Fish and Shellfish Immunology</i> , 2016 , 56, 459-466	4.3	22
18	Production and characterization of a thermostable bioflocculant from <i>Bacillus subtilis</i> F9, isolated from wastewater sludge. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 121, 45-50	7	52
17	Effect of dietary leucine on the growth parameters and expression of antioxidant, immune, and inflammatory genes in the head kidney of <i>Labeo rohita</i> fingerlings. <i>Veterinary Immunology and Immunopathology</i> , 2015 , 167, 36-43	2	27
16	Effect of guava leaves on the growth performance and cytokine gene expression of <i>Labeo rohita</i> and its susceptibility to <i>Aeromonas hydrophila</i> infection. <i>Fish and Shellfish Immunology</i> , 2015 , 46, 217-24	4.3	114
15	Flavonoid fraction of guava leaf extract attenuates lipopolysaccharide-induced inflammatory response via blocking of NF- κ B signalling pathway in <i>Labeo rohita</i> macrophages. <i>Fish and Shellfish Immunology</i> , 2015 , 47, 85-92	4.3	21
14	Effect of cellular products of potential probiotic bacteria on the immune response of <i>Labeo rohita</i> and susceptibility to <i>Aeromonas hydrophila</i> infection. <i>Fish and Shellfish Immunology</i> , 2015 , 46, 716-22	4.3	38
13	Draft Genome Sequence of Human-Pathogenic <i>Lactococcus garvieae</i> LG-ilsanpaik-gs201105 That Caused Acute Acalculous Cholecystitis. <i>Genome Announcements</i> , 2015 , 3,		3
12	<i>Chlorophytum borivilianum</i> Polysaccharide Fraction Provokes the Immune Function and Disease Resistance of <i>Labeo rohita</i> against <i>Aeromonas hydrophila</i> . <i>Journal of Immunology Research</i> , 2015 , 2015, 256510	4.5	20
11	Effects of intracellular products of <i>Bacillus subtilis</i> VSG1 and <i>Lactobacillus plantarum</i> VSG3 on cytokine responses in the head kidney macrophages of <i>Labeo rohita</i> . <i>Fish and Shellfish Immunology</i> , 2015 , 47, 954-61	4.3	10
10	The phylogenetic study on <i>Thelohanellus</i> species (Myxosporea) in relation to host specificity and infection site tropism. <i>Molecular Phylogenetics and Evolution</i> , 2014 , 72, 31-4	4.1	24
9	Characterization and complete genome sequence of a novel N4-like bacteriophage, pSb-1 infecting <i>Shigella boydii</i> . <i>Research in Microbiology</i> , 2014 , 165, 671-8	4	23
8	Eating oysters without risk of vibriosis: application of a bacteriophage against <i>Vibrio parahaemolyticus</i> in oysters. <i>International Journal of Food Microbiology</i> , 2014 , 188, 31-5	5.8	50
7	Expression and characterization of cathepsin L-like cysteine protease from <i>Philasterides dicentrarchi</i> . <i>Parasitology International</i> , 2014 , 63, 359-65	2.1	6
6	CPRMethicillin resistant coagulase-negative staphylococci isolated from South Korean ducks exhibiting tremor. <i>Acta Veterinaria Scandinavica</i> , 2013 , 55, 88	2	8
5	Protective Efficacy of a Combined Vaccine against <i>Edwardsiella tarda</i> , <i>Streptococcus iniae</i> and <i>Streptococcus parauberis</i> in Farmed Olive Flounder <i>Paralichthys olivaceus</i> . <i>Fish Pathology</i> , 2011 , 46, 108-111	9.8	10
4	OCCURRENCE AND ANTIBIOTIC RESISTANCE OF <i>VIBRIO VULNIFICUS</i> IN SEAFOOD AND ENVIRONMENTAL WATERS IN KOREA. <i>Journal of Food Safety</i> , 2011 , 31, 518-524	2	10

3	Pathogenicity of <i>Streptococcus parauberis</i> to Olive Flounder <i>Paralichthys olivaceus</i> . <i>Fish Pathology</i> , 2006 , 41, 171-173	0.8	13
2	Isolation and characterization of <i>Streptococcus</i> sp. from diseased flounder (<i>Paralichthys olivaceus</i>) in Jeju Island. <i>Journal of Veterinary Science</i> , 2006 , 7, 53-8	1.6	78
1	The whale shark genome reveals how genomic and physiological properties scale with body size		1