

Mingshu Wang

List of Publications by Year in descending order

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Version: 2024-02-01

127
papers

3,232
citations

186209

28
h-index

197736

49
g-index

129
all docs

129
docs citations

129
times ranked

2624
citing authors

#	ARTICLE	IF	CITATIONS
1	Embedding artificial intelligence in society: looking beyond the EU AI master plan using the culture cycle. <i>AI and Society</i> , 2023, 38, 1465-1484.	3.1	5
2	Cultivating historical heritage area vitality using urban morphology approach based on big data and machine learning. <i>Computers, Environment and Urban Systems</i> , 2022, 91, 101716.	3.3	33
3	Understanding taxi ridership with spatial spillover effects and temporal dynamics. <i>Cities</i> , 2022, 125, 103637.	2.7	11
4	Regional integration in the Horn of Africa through the lens of inter-city connectivity. <i>Applied Geography</i> , 2022, 145, 102754.	1.7	5
5	Urban expansion and the urban-rural income gap: Empirical evidence from China. <i>Cities</i> , 2022, 129, 103831.	2.7	71
6	Life between buildings from a street view image: What do big data analytics reveal about neighbourhood organisational vitality?. <i>Urban Studies</i> , 2021, 58, 3118-3139.	2.2	40
7	Measuring polycentric urban development: The importance of accurately determining the "balance" between "centers". <i>Cities</i> , 2021, 111, 103009.	2.7	28
8	Polycentric urban development and urban amenities: Evidence from Chinese cities. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2021, 48, 400-416.	1.0	24
9	Built environment and early infection of COVID-19 in urban districts: A case study of Huangzhou. <i>Sustainable Cities and Society</i> , 2021, 66, 102685.	5.1	95
10	Urban growth pattern and commuting efficiency: Empirical evidence from 100 Chinese cities. <i>Journal of Cleaner Production</i> , 2021, 302, 126994.	4.6	18
11	Simulating the urban spatial structure with spatial interaction: A case study of urban polycentricity under different scenarios. <i>Computers, Environment and Urban Systems</i> , 2021, 89, 101677.	3.3	29
12	Urban morphology and traffic congestion: Longitudinal evidence from US cities. <i>Computers, Environment and Urban Systems</i> , 2021, 89, 101676.	3.3	33
13	Access to urban parks: Comparing spatial accessibility measures using three GIS-based approaches. <i>Computers, Environment and Urban Systems</i> , 2021, 90, 101713.	3.3	39
14	Pan-genome analysis of <i>Riemerella anatipestifer</i> reveals its genomic diversity and acquired antibiotic resistance associated with genomic islands. <i>Functional and Integrative Genomics</i> , 2020, 20, 307-320.	1.4	8
15	Duck enteritis virus UL21 is a late gene encoding a protein that interacts with pUL16. <i>BMC Veterinary Research</i> , 2020, 16, 8.	0.7	8
16	Development of a simple and rapid immunochromatographic strip test for detecting duck plague virus antibodies based on gI protein. <i>Journal of Virological Methods</i> , 2020, 277, 113803.	1.0	4
17	Road network structure and ride-sharing accessibility: A network science perspective. <i>Computers, Environment and Urban Systems</i> , 2020, 80, 101430.	3.3	28
18	Urban form, shrinking cities, and residential carbon emissions: Evidence from Chinese city-regions. <i>Applied Energy</i> , 2020, 261, 114409.	5.1	72

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19	Urbanization's effects on the urban-rural income gap in China: A meta-regression analysis. <i>Land Use Policy</i> , 2020, 99, 104995.	2.5	73
20	Heterologous prime-boost: an important candidate immunization strategy against Tembusu virus. <i>Virology Journal</i> , 2020, 17, 67.	1.4	4
21	Host shutoff activity of VHS and SOX-like proteins: role in viral survival and immune evasion. <i>Virology Journal</i> , 2020, 17, 68.	1.4	13
22	Development and evaluation of an indirect ELISA based on recombinant structural protein VP2 to detect antibodies against duck hepatitis A virus. <i>Journal of Virological Methods</i> , 2020, 282, 113903.	1.0	2
23	Where we are in fighting against COVID-19. <i>Environment and Planning A</i> , 2020, 52, 1483-1486.	2.1	5
24	Duck Enteritis Virus VP16 Antagonizes IFN- γ -Mediated Antiviral Innate Immunity. <i>Journal of Immunology Research</i> , 2020, 2020, 1-13.	0.9	5
25	Duck IFIT5 differentially regulates Tembusu virus replication and inhibits virus-triggered innate immune response. <i>Cytokine</i> , 2020, 133, 155161.	1.4	7
26	Autophagy Promotes Duck Tembusu Virus Replication by Suppressing p62/SQSTM1-Mediated Innate Immune Responses In Vitro. <i>Vaccines</i> , 2020, 8, 22.	2.1	9
27	The Pivotal Roles of US3 Protein in Cell-to-Cell Spread and Virion Nuclear Egress of Duck Plague Virus. <i>Scientific Reports</i> , 2020, 10, 7181.	1.6	15
28	Duck plague virus gE serves essential functions during the virion final envelopment through influence capsids budding into the cytoplasmic vesicles. <i>Scientific Reports</i> , 2020, 10, 5658.	1.6	10
29	Emergence of Escherichia coli isolates producing NDM-1 carbapenemase from waterfowls in Hainan island, China. <i>Acta Tropica</i> , 2020, 207, 105485.	0.9	4
30	Travel distance and hotel service satisfaction: An inverted U-shaped relationship. <i>International Journal of Hospitality Management</i> , 2019, 76, 261-270.	5.3	35
31	Predicting overall customer satisfaction: Big data evidence from hotel online textual reviews. <i>International Journal of Hospitality Management</i> , 2019, 76, 111-121.	5.3	327
32	Multifunctionality of structural proteins in the enterovirus life cycle. <i>Future Microbiology</i> , 2019, 14, 1147-1157.	1.0	5
33	Polycentric urban development and economic productivity in China: A multiscalar analysis. <i>Environment and Planning A</i> , 2019, 51, 1622-1643.	2.1	45
34	Class 1 integrons as predominant carriers in Escherichia coli isolates from waterfowls in Hainan, China. <i>Ecotoxicology and Environmental Safety</i> , 2019, 183, 109514.	2.9	20
35	Bike-sharing or taxi? Modeling the choices of travel mode in Chicago using machine learning. <i>Journal of Transport Geography</i> , 2019, 79, 102479.	2.3	49
36	Role of the gldK gene in the virulence of <i>Riemerella anatipestifer</i> . <i>Poultry Science</i> , 2019, 98, 2414-2421.	1.5	9

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37	Comparative analysis reveals the Genomic Islands in <i>Pasteurella multocida</i> population genetics: on Symbiosis and adaptability. <i>BMC Genomics</i> , 2019, 20, 63.	1.2	9
38	Amyloid A amyloidosis secondary to avian tuberculosis in naturally infected domestic pekin ducks (<i>Anas platyrhynchos domestica</i>). <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2019, 63, 136-141.	0.7	2
39	Genetically stable reporter virus, subgenomic replicon and packaging system of duck Tembusu virus based on a reverse genetics system. <i>Virology</i> , 2019, 533, 86-92.	1.1	20
40	Rifampin resistance and its fitness cost in <i>Riemerella anatipestifer</i> . <i>BMC Microbiology</i> , 2019, 19, 107.	1.3	13
41	New Perspectives on <i>Galleria mellonella</i> Larvae as a Host Model Using <i>Riemerella anatipestifer</i> as a Proof of Concept. <i>Infection and Immunity</i> , 2019, 87, .	1.0	13
42	A Robust Noise Mitigation Method for the Mobile RFID Location in Built Environment. <i>Sensors</i> , 2019, 19, 2143.	2.1	5
43	Comparative genome-scale modelling of the pathogenic <i>Flavobacteriaceae</i> species <i>Riemerella anatipestifer</i> in China. <i>Environmental Microbiology</i> , 2019, 21, 2836-2851.	1.8	13
44	Molecular characterization and antiapoptotic function analysis of the duck plague virus Us5 gene. <i>Scientific Reports</i> , 2019, 9, 4851.	1.6	13
45	High prevalence of CTX-M belonging to ST410 and ST889 among ESBL producing <i>E. coli</i> isolates from waterfowl birds in China's tropical island, Hainan. <i>Acta Tropica</i> , 2019, 194, 30-35.	0.9	18
46	Growth characteristics of the novel goose parvovirus SD15 strain in vitro. <i>BMC Veterinary Research</i> , 2019, 15, 63.	0.7	5
47	Expression and purification of the truncated duck DTMUV NS5 protein and the subcellular localization of NS5 in vitro. <i>Poultry Science</i> , 2019, 98, 2989-2996.	1.5	6
48	Terminase Large Subunit Provides a New Drug Target for Herpesvirus Treatment. <i>Viruses</i> , 2019, 11, 219.	1.5	15
49	Duck Plague Virus Promotes DEF Cell Apoptosis by Activating Caspases, Increasing Intracellular ROS Levels and Inducing Cell Cycle S-Phase Arrest. <i>Viruses</i> , 2019, 11, 196.	1.5	13
50	The 164K, 165K, and 167K residues of VP1 are vital for goose parvovirus proliferation in GEFs based on PCR-based reverse genetics system. <i>Virology Journal</i> , 2019, 16, 136.	1.4	1
51	The VP3 protein of duck hepatitis A virus mediates host cell adsorption and apoptosis. <i>Scientific Reports</i> , 2019, 9, 16783.	1.6	15
52	Heparin sulfate is the attachment factor of duck Tembus virus on both BHK21 and DEF cells. <i>Virology Journal</i> , 2019, 16, 134.	1.4	8
53	Downregulation of microRNA-30a-5p contributes to the replication of duck enteritis virus by regulating Beclin-1-mediated autophagy. <i>Virology Journal</i> , 2019, 16, 144.	1.4	14
54	Image Processing and Analysis Methods. , 2019, , 631-868.		0

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55	Duck plague virus Glycoprotein J is functional but slightly impaired in viral replication and cell-to-cell spread. <i>Scientific Reports</i> , 2018, 8, 4069.	1.6	19
56	ATPase activity of GroEL is dependent on GroES and it is response for environmental stress in <i>Riemerella anatipestifer</i> . <i>Microbial Pathogenesis</i> , 2018, 121, 51-58.	1.3	8
57	Analyzing and visualizing the spatial interactions between tourists and locals: A Flickr study in ten US cities. <i>Cities</i> , 2018, 74, 249-258.	2.7	55
58	Virulent duck enteritis virus infected DEF cells generate a unique pattern of viral microRNAs and a novel set of host microRNAs. <i>BMC Veterinary Research</i> , 2018, 14, 144.	0.7	11
59	Polycentric urban development in China: A multi-scale analysis. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2018, 45, 953-972.	1.0	71
60	Spatial disparities of Uber accessibility: An exploratory analysis in Atlanta, USA. <i>Computers, Environment and Urban Systems</i> , 2018, 67, 169-175.	3.3	75
61	Duck stimulator of interferon genes plays an important role in host anti-duck plague virus infection through an IFN-dependent signalling pathway. <i>Cytokine</i> , 2018, 102, 191-199.	1.4	25
62	Programmed cell death: the battlefield between the host and alpha-herpesviruses and a potential avenue for cancer treatment. <i>Oncotarget</i> , 2018, 9, 30704-30719.	0.8	10
63	US10 Protein Is Crucial but not Indispensable for Duck Enteritis Virus Infection in Vitro. <i>Scientific Reports</i> , 2018, 8, 16510.	1.6	10
64	Induction of a protective response in ducks vaccinated with a DNA vaccine encoding engineered duck circovirus Capsid protein. <i>Veterinary Microbiology</i> , 2018, 225, 40-47.	0.8	7
65	Sleepless nights in hotels? Understanding factors that influence hotel sleep quality. <i>International Journal of Hospitality Management</i> , 2018, 74, 189-201.	5.3	29
66	Roles of B739_1343 in iron acquisition and pathogenesis in <i>Riemerella anatipestifer</i> CH-1 and evaluation of the RA-CH-II ^{B739_1343} mutant as an attenuated vaccine. <i>PLoS ONE</i> , 2018, 13, e0197310.	1.1	22
67	Flaviviridae virus nonstructural proteins 5 and 5A mediate viral immune evasion and are promising targets in drug development. , 2018, 190, 1-14.		10
68	Molecular characterization of duck enteritis virus UL41 protein. <i>Virology Journal</i> , 2018, 15, 12.	1.4	18
69	Cytokine storms are primarily responsible for the rapid death of ducklings infected with duck hepatitis A virus type 1. <i>Scientific Reports</i> , 2018, 8, 6596.	1.6	32
70	Oral Vaccination with a DNA Vaccine Encoding Capsid Protein of Duck Tembusu Virus Induces Protection Immunity. <i>Viruses</i> , 2018, 10, 180.	1.5	24
71	A Low-Cost Collaborative Location Scheme with GNSS and RFID for the Internet of Things. <i>ISPRS International Journal of Geo-Information</i> , 2018, 7, 180.	1.4	9
72	Modeling projected changes of mangrove biomass in different climatic scenarios in the Sunda Banda Seascapes. <i>International Journal of Digital Earth</i> , 2017, 10, 457-468.	1.6	3

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73	Preliminary study of the UL55 gene based on infectious Chinese virulent duck enteritis virus bacterial artificial chromosome clone. <i>Virology Journal</i> , 2017, 14, 78.	1.4	22
74	Molecular identification and immunological characteristics of goose suppressor of cytokine signaling 1 (SOCS-1) in vitro and vivo following DTMUV challenge. <i>Cytokine</i> , 2017, 93, 1-9.	1.4	3
75	Identification of a wza -like gene involved in capsule biosynthesis, pathogenicity and biofilm formation in <i>Riemerella anatipestifer</i> . <i>Microbial Pathogenesis</i> , 2017, 107, 442-450.	1.3	26
76	Prokaryotic expression of a codon-optimized capsid gene from duck circovirus and its application to an indirect ELISA. <i>Journal of Virological Methods</i> , 2017, 247, 1-5.	1.0	14
77	Complete Genome Sequence of a Novel Goose Parvovirus Isolated in Sichuan Province, China, in 2016. <i>Genome Announcements</i> , 2017, 5, .	0.8	2
78	A two-level comparison of CO ₂ emission data in China: Evidence from three gridded data sources. <i>Journal of Cleaner Production</i> , 2017, 148, 194-201.	4.6	27
79	Development of an immunochromatographic strip for detection of antibodies against duck Tembusu virus. <i>Journal of Virological Methods</i> , 2017, 249, 137-142.	1.0	21
80	Exploring the Relationship between Urban Forms and CO ₂ Emissions in 104 Chinese Cities. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2017, 143, .	0.8	49
81	Cleavage of poly(A)-binding protein by duck hepatitis A virus 3C protease. <i>Scientific Reports</i> , 2017, 7, 16261.	1.6	39
82	Bike-sharing systems and congestion: Evidence from US cities. <i>Journal of Transport Geography</i> , 2017, 65, 147-154.	2.3	157
83	The role of nuclear localization signal in parvovirus life cycle. <i>Virology Journal</i> , 2017, 14, 80.	1.4	24
84	GoTLR7 but not GoTLR21 mediated antiviral immune responses against low pathogenic H9N2 AIV and Newcastle disease virus infection. <i>Immunology Letters</i> , 2017, 181, 6-15.	1.1	8
85	From stay to play – A travel planning tool based on crowdsourcing user-generated contents. <i>Applied Geography</i> , 2017, 78, 1-11.	1.7	36
86	Duck enteritis virus (DEV) UL54 protein, a novel partner, interacts with DEV UL24 protein. <i>Virology Journal</i> , 2017, 14, 166.	1.4	9
87	Innate Immune Evasion Mediated by Flaviviridae Non-Structural Proteins. <i>Viruses</i> , 2017, 9, 291.	1.5	79
88	Identification of IFITM1 and IFITM3 in Goose: Gene Structure, Expression Patterns, and Immune Responses against Tembusu Virus Infection. <i>BioMed Research International</i> , 2017, 2017, 1-13.	0.9	10
89	Molecular characterization of the duck enteritis virus US10 protein. <i>Virology Journal</i> , 2017, 14, 183.	1.4	14
90	The neglected avian hepatotropic virus induces acute and chronic hepatitis in ducks: an alternative model for hepatology. <i>Oncotarget</i> , 2017, 8, 81838-81851.	0.8	25

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91	Big data for intrametropolitan human movement studies. <i>International Review for Spatial Planning and Sustainable Development</i> , 2017, 5, 100-115.	0.6	5
92	Viral-host interaction in kidney reveals strategies to escape host immunity and persistently shed virus to the urine. <i>Oncotarget</i> , 2017, 8, 7336-7349.	0.8	28
93	Cross-species antiviral activity of goose interferon lambda against duck plague virus is related to its positive self-regulatory feedback loop. <i>Journal of General Virology</i> , 2017, 98, 1455-1466.	1.3	5
94	An updated review of avian-origin Tembusu virus: a newly emerging avian Flavivirus. <i>Journal of General Virology</i> , 2017, 98, 2413-2420.	1.3	88
95	Immune-Related Gene Expression Patterns in GPV- or H9N2-Infected Goose Splens. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1990.	1.8	11
96	Location Is (Still) Everything: The Surprising Influence of the Real World on How We Search, Shop, and Sell in the Virtual One by David R. Bell. <i>Southeastern Geographer</i> , 2016, 56, 476-477.	0.1	2
97	Roles of the Picornaviral 3C Proteinase in the Viral Life Cycle and Host Cells. <i>Viruses</i> , 2016, 8, 82.	1.5	103
98	Cross-Species Antiviral Activity of Goose Interferons against Duck Plague Virus Is Related to Its Positive Self-Feedback Regulation and Subsequent Interferon Stimulated Genes Induction. <i>Viruses</i> , 2016, 8, 195.	1.5	15
99	Capsid-Targeted Viral Inactivation: A Novel Tactic for Inhibiting Replication in Viral Infections. <i>Viruses</i> , 2016, 8, 258.	1.5	8
100	Genome-Wide Analysis of the Synonymous Codon Usage Patterns in <i>Riemerella anatipestifer</i> . <i>International Journal of Molecular Sciences</i> , 2016, 17, 1304.	1.8	26
101	Complete genome sequence of the novel duck hepatitis B virus strain SCP01 from Sichuan Cherry Valley duck. <i>SpringerPlus</i> , 2016, 5, 1353.	1.2	6
102	Investigation of TbfA in <i>Riemerella anatipestifer</i> using plasmid-based methods for gene over-expression and knockdown. <i>Scientific Reports</i> , 2016, 6, 37159.	1.6	51
103	Antigen distribution of TMUV and GPV are coincident with the expression profiles of CD8 α ⁺ -positive cells and goose IFN β . <i>Scientific Reports</i> , 2016, 6, 25545.	1.6	17
104	How polycentric is urban China and why? A case study of 318 cities. <i>Landscape and Urban Planning</i> , 2016, 151, 10-20.	3.4	196
105	Characterization of nucleocytoplasmic shuttling and intracellular localization signals in Duck Enteritis Virus UL54. <i>Biochimie</i> , 2016, 127, 86-94.	1.3	13
106	Development and evaluation of indirect ELISAs for the detection of IgG, IgM and IgA1 against duck hepatitis A virus 1. <i>Journal of Virological Methods</i> , 2016, 237, 79-85.	1.0	26
107	A one-step duplex rRT-PCR assay for the simultaneous detection of duck hepatitis A virus genotypes 1 and 3. <i>Journal of Virological Methods</i> , 2016, 236, 207-214.	1.0	31
108	Identification of 2 α -5 α -Oligoadenylate Synthetase-Like Gene in Goose: Gene Structure, Expression Patterns, and Antiviral Activity Against Newcastle Disease Virus. <i>Journal of Interferon and Cytokine Research</i> , 2016, 36, 563-572.	0.5	25

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109	The 2A2 protein of Duck hepatitis A virus type 1 induces apoptosis in primary cell culture. <i>Virus Genes</i> , 2016, 52, 780-788.	0.7	35
110	Outside the ivory tower: visualizing university studentsâ€™ top transit-trip destinations and popular corridors. <i>Regional Studies, Regional Science</i> , 2016, 3, 202-206.	0.7	9
111	CpG oligodeoxynucleotide-specific goose TLR21 initiates an anti-viral immune response against NGVEV but not AIV strain H9N2 infection. <i>Immunobiology</i> , 2016, 221, 454-461.	0.8	11
112	Molecular identification and comparative transcriptional analysis of myxovirus resistance GTPase (Mx) gene in goose (<i>Anser cygnoide</i>) after H9N2 AIV infection. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2016, 47, 32-40.	0.7	15
113	Crowdsourcing the landscape of cannabis (marijuana) of the contiguous United States. <i>Environment and Planning A</i> , 2016, 48, 1449-1451.	2.1	4
114	Development of a Cell Marker ELISA for the Detection of Goose T Cell Surface CD8 \pm Molecules. <i>Applied Biochemistry and Biotechnology</i> , 2016, 179, 531-544.	1.4	2
115	The Detection of Hemin-Binding Proteins in <i>Riemerella anatipestifer</i> CH-1. <i>Current Microbiology</i> , 2016, 72, 152-158.	1.0	11
116	Duck enteritis virus UL54 is an IE protein primarily located in the nucleus. <i>Virology Journal</i> , 2015, 12, 198.	1.4	24
117	Delineating Biophysical Environments of the Sunda Banda Seascape, Indonesia. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 1069-1082.	1.2	18
118	Transcriptome Analysis and Identification of Differentially Expressed Transcripts of Immune-Related Genes in Spleen of Gosling and Adult Goose. <i>International Journal of Molecular Sciences</i> , 2015, 16, 22904-22926.	1.8	19
119	Global Urban Monitoring and Assessment through Earth Observation. <i>Photogrammetric Engineering and Remote Sensing</i> , 2015, 81, 692-692.	0.3	1
120	Promoting Ecohealth through Geography and Governmental Partnerships. <i>EcoHealth</i> , 2015, 12, 206-207.	0.9	0
121	Development and evaluation of live attenuated <i>Salmonella</i> vaccines in newly hatched ducklings. <i>Vaccine</i> , 2015, 33, 5564-5571.	1.7	10
122	Development of an indirect ELISA method based on the VP3 protein of duck hepatitis A virus type 1 (DHAV-1) for dual detection of DHAV-1 and DHAV-3 antibodies. <i>Journal of Virological Methods</i> , 2015, 225, 30-34.	1.0	34
123	What geomorphological characteristics accommodate emergent herbaceous wetlands in North Georgia? â€“ geographic knowledge discovery from the NLCD and DEM. <i>Annals of GIS</i> , 2014, 20, 169-180.	1.4	0
124	Clouds and Shadows Detection in Multi-spectral Satellite Image Based on Maximally Stable Extremal Regions. , 2011, , .		2
125	Hyperspectral data discrimination based on Ensemble Empirical Mode Decomposition. , 2011, , .		2
126	GEOGRAPHY MATTERS IN ONLINE HOTEL REVIEWS. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLI-B2, 573-576.	0.2	3

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127	GEOGRAPHY MATTERS IN ONLINE HOTEL REVIEWS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B2, 573-576.	0.2	0