

Sagar M Goyal

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.

117
papers

3,759
citations

27
h-index

59
g-index

129
ext. papers

4,343
ext. citations

2.8
avg, IF

5.72
L-index

#	Paper	IF	Citations
117	Prevalence of Newcastle disease and associated risk factors in domestic chickens in the Indian state of Odisha.. <i>PLoS ONE</i> , 2022 , 17, e0264028	3.7	2
116	Comparative Pathogenesis of Turkey Reoviruses.. <i>Avian Pathology</i> , 2022 , 1-26	2.4	0
115	An Outbreak of Fowl Aviadenovirus A-Associated Gizzard Erosion and Ulceration in Captive Bobwhite Quail (). <i>Avian Diseases</i> , 2021 , 65, 52-58	1.6	2
114	Prevalence of Newcastle Disease Virus in Commercial and Backyard Poultry in Haryana, India. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 725232	3.1	3
113	Genomic-based characterization of Enterococcus spp.: an emerging pathogen isolated from human gut. <i>Molecular Biology Reports</i> , 2021 , 48, 5371-5376	2.8	0
112	Stability of SARS-CoV-2 and other coronaviruses in the environment and on common touch surfaces and the influence of climatic conditions: A review. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 296-312	12	180
111	Greater than 3-Log Reduction in Viable Coronavirus Aerosol Concentration in Ducted Ultraviolet-C (UV-C) Systems. <i>Environmental Science & Technology</i> , 2021 , 55, 4174-4182	10.3	17
110	Comparison of samplers collecting airborne influenza viruses: 1. Primarily impingers and cyclones. <i>PLoS ONE</i> , 2021 , 16, e0244977	3.7	5
109	Genomic features of first bovine astrovirus detected in Egypt. <i>VirusDisease</i> , 2021 , 32, 601-607	3.4	1
108	Durable nanocomposite face masks with high particulate filtration and rapid inactivation of coronaviruses.. <i>Scientific Reports</i> , 2021 , 11, 24318	4.9	2
107	Virulence factors and antibiograms of Escherichia coli isolated from diarrheic calves of Egyptian cattle and water buffaloes. <i>PLoS ONE</i> , 2020 , 15, e0232890	3.7	5
106	Inactivation of virus and bacteria using cold atmospheric pressure air plasmas and the role of reactive nitrogen species. <i>Journal Physics D: Applied Physics</i> , 2020 , 53, 434004	3	21
105	Rapid inactivation of airborne porcine reproductive and respiratory syndrome virus using an atmospheric pressure air plasma. <i>Plasma Processes and Polymers</i> , 2020 , 17, 1900269	3.4	16
104	Comparative evaluation of the virucidal effect of remote and direct cold air plasmas with UV-C. <i>Plasma Processes and Polymers</i> , 2020 , 17, 1900234	3.4	6
103	Enteric Viruses Associated with Mid-growth Turkey Enteritis. <i>Avian Diseases</i> , 2020 , 64, 471-477	1.6	0
102	Genetic Diversity of Ornithobacterium rhinotracheale Isolated from Chickens and Turkeys in the United States. <i>Avian Diseases</i> , 2020 , 64, 324-329	1.6	0
101	Avian Reovirus Infections 2020 , 382-400		12

100	Molecular characterization of a novel <i>Camelus dromedarius</i> papillomavirus. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2020 , 73, 101561	2.6	1
99	Detection and molecular characterization of kobuvirus from diarrheic goats in Minnesota. <i>Journal of Veterinary Diagnostic Investigation</i> , 2020 , 32, 873-879	1.5	2
98	Bactericidal Efficacy of a Two-Dimensional Array of Integrated, Coaxial, Microhollow, Dielectric Barrier Discharge Plasma Against Serovar Heidelberg. <i>Foodborne Pathogens and Disease</i> , 2020 , 17, 157-165	2.8	8
97	In situ inactivation of human norovirus GII.4 by cold plasma: Ethidium monoazide (EMA)-coupled RT-qPCR underestimates virus reduction and fecal material suppresses inactivation. <i>Food Microbiology</i> , 2020 , 85, 103307	6	27
96	Involvement of Egyptian Foods in Foodborne Viral Illnesses: The Burden on Public Health and Related Environmental Risk Factors: An Overview. <i>Food and Environmental Virology</i> , 2019 , 11, 315-339	4	7
95	Complete Genome Sequences of Newcastle Disease Virus Isolates from Backyard Chickens in Northern India. <i>Microbiology Resource Announcements</i> , 2019 , 8,	1.3	6
94	Retrospective Analysis of Turkey Arthritis Reovirus Diagnostic Submissions in Minnesota. <i>Avian Diseases</i> , 2019 , 63, 681-685	1.6	1
93	Outbreaks of Duck Hepatitis A Virus in Egyptian Duckling Flocks. <i>Avian Diseases</i> , 2019 , 63, 68-74	1.6	4
92	Phylogeny of bovine norovirus in Egypt based on VP2 gene. <i>International Journal of Veterinary Science and Medicine</i> , 2018 , 6, 48-52	3.4	2
91	Outbreaks of foot and mouth disease in Egypt: Molecular epidemiology, evolution and cardiac biomarkers prognostic significance. <i>International Journal of Veterinary Science and Medicine</i> , 2018 , 6, 22-30	3.4	17
90	Occurrence of <i>Campylobacter</i> in retail meat in Lahore, Pakistan. <i>Acta Tropica</i> , 2018 , 185, 42-45	3.2	16
89	Detection and genetic characterization of bovine kobuvirus from calves in Egypt. <i>Archives of Virology</i> , 2018 , 163, 1439-1447	2.6	11
88	Reactive species responsible for the inactivation of feline calicivirus by a two-dimensional array of integrated coaxial microhollow dielectric barrier discharges in air. <i>Plasma Processes and Polymers</i> , 2018 , 15, 1700119	3.4	41
87	Stability of Porcine Epidemic Diarrhea Virus on Fomite Materials at Different Temperatures. <i>Veterinary Sciences</i> , 2018 , 5,	2.4	12
86	Whole-genome sequence analysis reveals unique SNP profiles to distinguish vaccine and wild-type strains of bovine herpesvirus-1 (BoHV-1). <i>Virology</i> , 2018 , 522, 27-36	3.6	4
85	Cold argon-oxygen plasma species oxidize and disintegrate capsid protein of feline calicivirus. <i>PLoS ONE</i> , 2018 , 13, e0194618	3.7	24
84	Co-circulation of paramyxo- and influenza viruses in pigeons in Egypt. <i>Avian Pathology</i> , 2017 , 46, 367-375	2.4	7
83	Genotypic relatedness and antimicrobial resistance of <i>Salmonella</i> Heidelberg isolated from chickens and turkeys in the midwestern United States. <i>Journal of Veterinary Diagnostic Investigation</i> , 2017 , 29, 370-375	1.5	10

82	Surveillance, isolation and complete genome sequence of bovine parainfluenza virus type 3 in Egyptian cattle. <i>International Journal of Veterinary Science and Medicine</i> , 2017 , 5, 8-13	3.4	4
81	Assessment of air sampling methods and size distribution of virus-laden aerosols in outbreaks in swine and poultry farms. <i>Journal of Veterinary Diagnostic Investigation</i> , 2017 , 29, 298-304	1.5	20
80	Survival of porcine epidemic diarrhea virus (PEDV) in thermally treated feed ingredients and on surfaces. <i>Porcine Health Management</i> , 2017 , 3, 17	3.5	9
79	Evaluation of biosecurity measures to prevent indirect transmission of porcine epidemic diarrhea virus. <i>BMC Veterinary Research</i> , 2017 , 13, 89	2.7	28
78	Feed additives decrease survival of delta coronavirus in nursery pig diets. <i>Porcine Health Management</i> , 2017 , 3, 5	3.5	13
77	Comparison of two size-differentiating air samplers for detecting airborne swine viruses under experimental conditions. <i>Aerosol Science and Technology</i> , 2017 , 51, 198-205	3.4	3
76	Molecular detection of enteric viruses from diarrheic calves in Egypt. <i>Archives of Virology</i> , 2017 , 162, 129-137	2.6	27
75	Genomic characterization of a novel calicivirus, FHMCV-2012, from baitfish in the USA. <i>Archives of Virology</i> , 2017 , 162, 3619-3627	2.6	15
74	Environmental persistence of porcine coronaviruses in feed and feed ingredients. <i>PLoS ONE</i> , 2017 , 12, e0178094	3.7	19
73	In Vitro Antiviral Activity of Clove and Ginger Aqueous Extracts against Feline Calicivirus, a Surrogate for Human Norovirus. <i>Journal of Food Protection</i> , 2016 , 79, 1001-12	2.5	48
72	Detection and molecular characterization of astroviruses in turkeys. <i>Archives of Virology</i> , 2016 , 161, 939-46	3.6	3
71	Comparison of Thermal and Non-Thermal Processing of Swine Feed and the Use of Selected Feed Additives on Inactivation of Porcine Epidemic Diarrhea Virus (PEDV). <i>PLoS ONE</i> , 2016 , 11, e0158128	3.7	21
70	Altered Biomechanical Properties of Gastrocnemius Tendons of Turkeys Infected with Turkey Arthritis Reovirus. <i>Veterinary Medicine International</i> , 2016 , 2016, 7829138	1.5	2
69	Inactivation of virus in solution by cold atmospheric pressure plasma: identification of chemical inactivation pathways. <i>Journal Physics D: Applied Physics</i> , 2016 , 49, 204001	3	91
68	Methods for Virus Recovery from Foods 2016 , 231-276		8
67	Experimentally induced lameness in turkeys inoculated with a newly emergent turkey reovirus. <i>Veterinary Research</i> , 2015 , 46, 11	3.8	9
66	A multiplex RT-PCR assay for the detection of fish picornaviruses. <i>Journal of Virological Methods</i> , 2015 , 221, 131-4	2.6	2
65	Identification of the biologically active liquid chemistry induced by a nonthermal atmospheric pressure plasma jet. <i>Biointerphases</i> , 2015 , 10, 029518	1.8	184

64	Virucidal effect of cold atmospheric gaseous plasma on feline calicivirus, a surrogate for human norovirus. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 3612-22	4.8	63
63	Pathogenicity of newly emergent turkey arthritis reoviruses in chickens. <i>Poultry Science</i> , 2015 , 94, 2369-74	3.4	3
62	Prevalence and complete genome characterization of turkey picobirnaviruses. <i>Infection, Genetics and Evolution</i> , 2015 , 30, 134-139	4.5	22
61	Evolutionary, epidemiological, demographical, and geographical dissection of porcine bocavirus in China and America. <i>Virus Research</i> , 2015 , 195, 13-24	6.4	11
60	Detection of Astrovirus, Coronavirus and Haemorrhagic Enteritis Virus in Turkeys with Poultry Enteritis Mortality Syndrome in Turkey. <i>Journal of Poultry Science</i> , 2015 , 52, 232-237	1.6	4
59	Description of the Microsporidian Parasite, <i>Heterosporis sutherlandae</i> n. sp., Infecting Fish in the Great Lakes Region, USA. <i>PLoS ONE</i> , 2015 , 10, e0132027	3.7	21
58	Survival of turkey arthritis reovirus in poultry litter and drinking water. <i>Poultry Science</i> , 2015 , 94, 639-42	3.9	3
57	Phylogenetic analysis, genomic diversity and classification of M class gene segments of turkey reoviruses. <i>Veterinary Microbiology</i> , 2015 , 176, 70-82	3.3	3
56	A Newly Emergent Turkey Arthritis Reovirus Shows Dominant Enteric Tropism and Induces Significantly Elevated Innate Antiviral and T Helper-1 Cytokine Responses. <i>PLoS ONE</i> , 2015 , 10, e0144085	3.7	7
55	Enteric viruses in turkey enteritis. <i>VirusDisease</i> , 2014 , 25, 173-85	3.4	12
54	Characterization of S class gene segments of a newly isolated turkey arthritis reovirus. <i>Virology</i> , 2014 , 464-465, 33-44	3.6	9
53	Molecular characterization of L class genome segments of a newly isolated turkey arthritis reovirus. <i>Infection, Genetics and Evolution</i> , 2014 , 27, 193-201	4.5	3
52	The role of avian reoviruses in turkey tenosynovitis/arthritis. <i>Avian Pathology</i> , 2014 , 43, 371-8	2.4	18
51	Risk-Based Management of Viral Hemorrhagic Septicemia Virus in Minnesota. <i>North American Journal of Fisheries Management</i> , 2014 , 34, 373-379	1.1	8
50	Isolation and molecular characterization of a novel picornavirus from baitfish in the USA. <i>PLoS ONE</i> , 2014 , 9, e87593	3.7	29
49	Airborne Virus Survivability During Long-Term Sampling Using a Non-Viable Andersen Cascade Impactor in an Environmental Chamber. <i>Aerosol Science and Technology</i> , 2014 , 48, 1360-1368	3.4	11
48	Survival of airborne MS2 bacteriophage generated from human saliva, artificial saliva, and cell culture medium. <i>Applied and Environmental Microbiology</i> , 2014 , 80, 2796-803	4.8	32
47	Antiviral Effects of <i>Lactococcus lactis</i> on Feline Calicivirus, A Human Norovirus Surrogate. <i>Food and Environmental Virology</i> , 2014 , 6, 282-9	4	32

46	Genotypes, Antibiotic Resistance, and ST-8 Genetic Clone in <i>Campylobacter</i> Isolates from Sheep and Goats in Grenada. <i>Veterinary Medicine International</i> , 2014 , 2014, 212864	1.5	5
45	Isolation and characterization of a turkey arthritis reovirus. <i>Avian Diseases</i> , 2013 , 57, 97-103	1.6	27
44	The occurrence of enteric viruses in Light Turkey Syndrome. <i>Avian Pathology</i> , 2013 , 42, 497-501	2.4	26
43	Association of Airborne Virus Infectivity and Survivability with its Carrier Particle Size. <i>Aerosol Science and Technology</i> , 2013 , 47, 373-382	3.4	46
42	Retraction. Triple reassortant swine influenza A (H3N2) virus in waterfowl. <i>Emerging Infectious Diseases</i> , 2013 , 19, 181	10.2	
41	Influence of Suspending Liquid, Impactor Type, and Substrate on Size-Selective Sampling of MS2 and Adenovirus Aerosols. <i>Aerosol Science and Technology</i> , 2012 , 46, 249-257	3.4	25
40	Detection of viruses in used ventilation filters from two large public buildings. <i>American Journal of Infection Control</i> , 2011 , 39, e30-8	3.8	36
39	Isolation of mixed subtypes of influenza A virus from a bald eagle (<i>Haliaeetus leucocephalus</i>). <i>Virology Journal</i> , 2010 , 7, 174	6.1	10
38	A retrospective study on poult enteritis syndrome in Minnesota. <i>Avian Diseases</i> , 2009 , 53, 268-75	1.6	34
37	Antibiotic use and the prevalence of antibiotic resistant bacteria on turkey farms. <i>Journal of the Science of Food and Agriculture</i> , 2008 , 88, 714-719	4.3	7
36	Optimizing the Recovery of Surrogates for Bacterial Bioterrorism Agents from Ventilation Filters. <i>Clean - Soil, Air, Water</i> , 2008 , 36, 601-608	1.6	5
35	Effects of humidity and other factors on the generation and sampling of a coronavirus aerosol. <i>Aerobiologia</i> , 2007 , 23, 239-248	2.4	42
34	Fate of Salmonella following application of swine manure to tile-drained clay loam soil. <i>Journal of Water and Health</i> , 2004 , 2, 97-101	2.2	6
33	Seroprevalence of avian pneumovirus in Minnesota turkeys. <i>Avian Diseases</i> , 2003 , 47, 700-6	1.6	21
32	Isolation of bovine viral diarrhoea virus from an alpaca. <i>Journal of Veterinary Diagnostic Investigation</i> , 2002 , 14, 523-5	1.5	49
31	PCR-based detection of an emerging avian pneumovirus in US turkey flocks. <i>Journal of Veterinary Diagnostic Investigation</i> , 2001 , 13, 201-5	1.5	18
30	Evolution of swine H3N2 influenza viruses in the United States. <i>Journal of Virology</i> , 2000 , 74, 8243-51	6.6	295
29	A modified enzyme-linked immunosorbent assay for the detection of avian pneumovirus antibodies. <i>Journal of Veterinary Diagnostic Investigation</i> , 2000 , 12, 381-4	1.5	43

28	Isolation of avian pneumovirus from an outbreak of respiratory illness in Minnesota turkeys. <i>Journal of Veterinary Diagnostic Investigation</i> , 2000 , 12, 166-8	1.5	61
27	Detection of porcine reproductive and respiratory syndrome virus by reverse transcription-polymerase chain reaction using different regions of the viral genome. <i>Journal of Veterinary Diagnostic Investigation</i> , 1999 , 11, 27-33	1.5	18
26	Comparison of immunohistochemistry, electron microscopy, and direct fluorescent antibody test for the detection of bovine coronavirus. <i>Journal of Veterinary Diagnostic Investigation</i> , 1998 , 10, 152-7	1.5	11
25	Death of a wild wolf from canine parvoviral enteritis. <i>Journal of Wildlife Diseases</i> , 1997 , 33, 321-2	1.3	9
24	Bacterial Loads in Moroccan Mussels from Harvest to Sale. <i>Journal of Food Protection</i> , 1995 , 58, 509-512	2.5	7
23	Rapid detection of pseudorabies virus by the shell vial technique. <i>Journal of Veterinary Diagnostic Investigation</i> , 1995 , 7, 173-6	1.5	6
22	Evaluation of shell vial cell culture technique for the detection of bovine coronavirus. <i>Journal of Veterinary Diagnostic Investigation</i> , 1995 , 7, 301-4	1.5	6
21	Comparison of Three Methods for the Concentration of Poliovirus from Moroccan Shellfish. <i>Journal of Food Protection</i> , 1994 , 57, 996-1000	2.5	1
20	Lymph node lesions in neonatal pigs congenitally exposed to porcine reproductive and respiratory syndrome virus. <i>Journal of Veterinary Diagnostic Investigation</i> , 1994 , 6, 368-71	1.5	24
19	Experimental porcine reproductive and respiratory syndrome virus infection in one-, four-, and 10-week-old pigs. <i>Journal of Veterinary Diagnostic Investigation</i> , 1994 , 6, 3-12	1.5	137
18	Porcine reproductive and respiratory syndrome. <i>Journal of Veterinary Diagnostic Investigation</i> , 1993 , 5, 656-64	1.5	99
17	Comparison of porcine alveolar macrophages and CL 2621 for the detection of porcine reproductive and respiratory syndrome (PRRS) virus and anti-PRRS antibody. <i>Journal of Veterinary Diagnostic Investigation</i> , 1993 , 5, 163-5	1.5	104
16	Canine parvovirus effect on wolf population change and pup survival. <i>Journal of Wildlife Diseases</i> , 1993 , 29, 330-3	1.3	35
15	Serologic survey for Lelystad and VR-2332 strains of porcine respiratory and reproductive syndrome (PRRS) virus in US swine herds. <i>Journal of Veterinary Diagnostic Investigation</i> , 1993 , 5, 612-4	1.5	36
14	Prevalence of antibody titers to <i>Leptospira</i> spp. in Minnesota white-tailed deer. <i>Journal of Wildlife Diseases</i> , 1992 , 28, 445-8	1.3	14
13	Seroprevalence of Lyme disease in gray wolves from Minnesota and Wisconsin. <i>Journal of Wildlife Diseases</i> , 1992 , 28, 177-82	1.3	10
12	Isolation of swine infertility and respiratory syndrome virus (isolate ATCC VR-2332) in North America and experimental reproduction of the disease in gnotobiotic pigs. <i>Journal of Veterinary Diagnostic Investigation</i> , 1992 , 4, 117-26	1.5	589
11	Characterization of swine infertility and respiratory syndrome (SIRS) virus (isolate ATCC VR-2332). <i>Journal of Veterinary Diagnostic Investigation</i> , 1992 , 4, 127-33	1.5	525

10	Excretion and persistence of bovine coronavirus in neonatal calves. <i>Archives of Virology</i> , 1990 , 115, 127-326	32
9	A dot immunobinding assay on nitrocellulose for the detection of bovid herpesvirus-4 antibodies. <i>Journal of Veterinary Diagnostic Investigation</i> , 1990 , 2, 107-10	1.5 1
8	Evaluation of two commercial ELISA test kits for the detection of pseudorabies antibodies in pigs. <i>Journal of Veterinary Diagnostic Investigation</i> , 1990 , 2, 350-2	1.5 6
7	Detection and elimination of carrier animals in a dairy herd persistently infected with bovine viral diarrhea virus. <i>Journal of Veterinary Diagnostic Investigation</i> , 1989 , 1, 277-9	1.5 8
6	Diagnostic investigation of bovine viral diarrhea infection in a Minnesota dairy herd. <i>Journal of Veterinary Diagnostic Investigation</i> , 1989 , 1, 57-61	1.5 19
5	Use of Temperature-Sensitive Gel for the Concentration of Escherichia Coli in Milk. <i>Journal of Food Protection</i> , 1989 , 52, 62-64	2.5
4	Microbial pollution of well water in southeastern Minnesota. <i>Journal of Environmental Science and Health Part A, Environmental Science and Engineering</i> , 1988 , 23, 453-468	4
3	Canine parvovirus infection in wolves (<i>Canis lupus</i>) from Minnesota. <i>Journal of Wildlife Diseases</i> , 1986 , 22, 104-6	1.3 11
2	Comparative removal of enteric bacteria and poliovirus by sandy soils. <i>Journal of Environmental Science and Health Part A, Environmental Science and Engineering</i> , 1985 , 20, 617-624	
1	Viral pollution of the marine environment. <i>Critical Reviews in Environmental Control</i> , 1984 , 14, 1-32	16