Reimar Johne

List of Publications by Citations

133 papers	7,494 citations	45 h-index	84 g-index
143 ext. papers	8,654 ext. citations	4.8 avg, IF	5.95 L-index

#	Paper	IF	Citations
133	PCR inhibitors - occurrence, properties and removal. *Journal of Applied Microbiology*, **2012**, 113, 1014-26	4.7	983
132	Uniformity of rotavirus strain nomenclature proposed by the Rotavirus Classification Working Group (RCWG). *Archives of Virology*, **2011**, 156, 1397-413	2.6	699
131	VP6-sequence-based cutoff values as a criterion for rotavirus species demarcation. *Archives of Virology*, **2012**, 157, 1177-82	2.6	292
130	Proposed reference sequences for hepatitis E virus subtypes. *Journal of General Virology*, **2016**, 97, 537-542	4.9	284
129	Detection of a novel hepatitis E-like virus in faeces of wild rats using a nested broad-spectrum RT-PCR. *Journal of General Virology*, **2010**, 91, 750-8	4.9	261
128	Identification of an avian group A rotavirus containing a novel VP4 gene with a close relationship to those of mammalian rotaviruses. *Journal of General Virology*, **2013**, 94, 136-142	4.9	226
127	Novel hepatitis E virus genotype in Norway rats, Germany. *Emerging Infectious Diseases*, **2010**, 16, 1452-5	10.2	158
126	Taxonomical developments in the family Polyomaviridae. *Archives of Virology*, **2011**, 156, 1627-34	2.6	148
125	Rolling-circle amplification of viral DNA genomes using phi29 polymerase. *Trends in Microbiology*, **2009**, 17, 205-11	12.4	138
124	Molecular surveillance of norovirus, 2005-16: an epidemiological analysis of data collected from the NoroNet network. *Lancet Infectious Diseases, The*, **2018**, 18, 545-553	25.5	136
123	Novel approach for detection of hepatitis E virus infection in German blood donors. *Journal of Clinical Microbiology*, **2012**, 50, 2708-13	9.7	125
122	Detection and Typing of Norovirus from Frozen Strawberries Involved in a Large-Scale Gastroenteritis Outbreak in Germany. *Food and Environmental Virology*, **2013**, 5, 162	4	114
121	Hepeviridae: an expanding family of vertebrate viruses. *Infection, Genetics and Evolution*, **2014**, 27, 212-29	4.5	107
120	Evidence of interspecies transmission and reassortment among avian group A rotaviruses. *Virology*, **2009**, 386, 334-43	3.6	106
119	Seroprevalence study in forestry workers from eastern Germany using novel genotype 3- and rat hepatitis E virus-specific immunoglobulin G ELISAs. *Medical Microbiology and Immunology*, **2012**, 201, 189-200	4	104
118	Detection of hepatitis E virus in wild boars of rural and urban regions in Germany and whole genome characterization of an endemic strain. *Virology Journal*, **2009**, 6, 58	6.1	102
117	Recent knowledge on hepatitis E virus in Suidae reservoirs and transmission routes to human. *Veterinary Research*, **2017**, 48, 78	3.8	92

116	Avian polymavirus in wild birds: genome analysis of isolates from Falconiformes and Psittaciformes. *Archives of Virology*, **1998**, 143, 1501-12	2.6	87
115	Hepatitis E virus in pork liver sausage, France. *Emerging Infectious Diseases*, **2013**, 19, 264-6	10.2	81
114	Detection of hepatitis E virus RNA in raw sausages and liver sausages from retail in Germany using an optimized method. *International Journal of Food Microbiology*, **2015**, 215, 149-56	5.8	80
113	Biology, evolution, and medical importance of polyomaviruses: An update. *Infection, Genetics and Evolution*, **2017**, 54, 18-38	4.5	79
112	Novel polyomavirus detected in the feces of a chimpanzee by nested broad-spectrum PCR. *Journal of Virology*, **2005**, 79, 3883-7	6.6	77
111	A disease complex associated with pigeon circovirus infection, young pigeon disease syndrome. *Avian Pathology*, **2005**, 34, 418-25	2.4	76
110	Detection of hepatitis E virus in archived German wild boar serum samples. *Veterinary Microbiology*, **2008**, 128, 380-5	3.3	75
109	An ORF1-rearranged hepatitis E virus derived from a chronically infected patient efficiently replicates in cell culture. *Journal of Viral Hepatitis*, **2014**, 21, 447-56	3.4	68
108	The first complete genome sequence of a chicken group A rotavirus indicates independent evolution of mammalian and avian strains. *Virology*, **2009**, 386, 325-33	3.6	68
107	Genome of a novel circovirus of starlings, amplified by multiply primed rolling-circle amplification. *Journal of General Virology*, **2006**, 87, 1189-1195	4.9	68
106	Hepatitis E Virus in Wild Boars and Spillover Infection in Red and Roe Deer, Germany, 2013-2015. *Emerging Infectious Diseases*, **2017**, 23, 130-133	10.2	65
105	Thermal stability of hepatitis E virus assessed by a molecular biological approach. *Virology Journal*, **2011**, 8, 487	6.1	65
104	Thermal Stability of Hepatitis E Virus as Estimated by a Cell Culture Method. *Applied and Environmental Microbiology*, **2016**, 82, 4225-4231	4.8	65
103	Simultaneous identification of DNA and RNA viruses present in pig faeces using process-controlled deep sequencing. *PLoS ONE*, **2012**, 7, e34631	3.7	64
102	Detection of a novel circovirus in mute swans (Cygnus olor) by using nested broad-spectrum PCR. *Virus Research*, **2008**, 132, 208-12	6.4	63
101	Characterization of two novel polyomaviruses of birds by using multiply primed rolling-circle amplification of their genomes. *Journal of Virology*, **2006**, 80, 3523-31	6.6	60
100	Rat hepatitis E virus: geographical clustering within Germany and serological detection in wild Norway rats (Rattus norvegicus). *Infection, Genetics and Evolution*, **2012**, 12, 947-56	4.5	59
99	Hepatitis E virus and related viruses in wild, domestic and zoo animals: A review. *Zoonoses and Public Health*, **2018**, 65, 11-29	2.9	56

98	Public health risks associated with hepatitis E virus (HEV) as a food-borne pathogen. *EFSA Journal*, **2017**, 15, e04886	2.3	56
97	Hepatitis E virus antibody prevalence in hunters from a district in Central Germany, 2013: a cross-sectional study providing evidence for the benefit of protective gloves during disembowelling of wild boars. *BMC Infectious Diseases*, **2015**, 15, 440	4	55
96	Polyomaviruses of birds: etiologic agents of inflammatory diseases in a tumor virus family. *Journal of Virology*, **2007**, 81, 11554-9	6.6	55
95	Prevalence of Hepatitis E virus-specific antibodies in sera of German domestic pigs estimated by using different assays. *Veterinary Microbiology*, **2010**, 144, 187-91	3.3	53
94	Application of a Swab Sampling Method for the Detection of Norovirus and Rotavirus on Artificially Contaminated Food and Environmental Surfaces. *Food and Environmental Virology*, **2009**, 1, 42-49	4	49
93	Nucleotide sequence analysis of a C1 gene fragment of psittacine beak and feather disease virus amplified by real-time polymerase chain reaction indicates a possible existence of genotypes. *Avian Pathology*, **2004**, 33, 41-50	2.4	49
92	The genome segments of a group D rotavirus possess group A-like conserved termini but encode group-specific proteins. *Journal of Virology*, **2010**, 84, 10254-65	6.6	47
91	Detection and quantitation of group A rotaviruses by competitive and real-time reverse transcription-polymerase chain reaction. *Journal of Virological Methods*, **2002**, 105, 277-85	2.6	47
90	Detection of avian rotaviruses of groups A, D, F and G in diseased chickens and turkeys from Europe and Bangladesh. *Veterinary Microbiology*, **2012**, 156, 8-15	3.3	45
89	Feeding of the probiotic bacterium Enterococcus faecium NCIMB 10415 differentially affects shedding of enteric viruses in pigs. *Veterinary Research*, **2012**, 43, 58	3.8	45
88	Seroprevalence of hepatitis E virus (HEV) in humans living in high pig density areas of Germany. *Medical Microbiology and Immunology*, **2014**, 203, 273-82	4	44
87	Detection of rat hepatitis E virus in wild Norway rats (Rattus norvegicus) and Black rats (Rattus rattus) from 11 European countries. *Veterinary Microbiology*, **2017**, 208, 58-68	3.3	44
86	Metagenomic identification of novel enteric viruses in urban wild rats and genome characterization of a group A rotavirus. *Journal of General Virology*, **2014**, 95, 2734-2747	4.9	44
85	Comparison of two extraction methods for viruses in food and application in a norovirus gastroenteritis outbreak. *Journal of Virological Methods*, **2010**, 169, 22-7	2.6	44
84	Bone marrow depletion with haemorrhagic diathesis in calves in Germany: characterization of the disease and preliminary investigations on its aetiology. *Berliner Und Munchener Tierarztliche Wochenschrift*, **2010**, 123, 31-41		44
83	Replication of hepatitis E virus in three-dimensional cell culture. *Journal of Virological Methods*, **2013**, 187, 327-32	2.6	42
82	Analysis of rotavirus species diversity and evolution including the newly determined full-length genome sequences of rotavirus F and G. *Infection, Genetics and Evolution*, **2013**, 14, 58-67	4.5	41
81	The genome of goose hemorrhagic polyomavirus, a new member of the proposed subgenus Avipolyomavirus. *Virology*, **2003**, 308, 291-302	3.6	41

80	Age-related and regional differences in the prevalence of hepatitis E virus-specific antibodies in pigs in Germany. *Veterinary Microbiology*, **2013**, 167, 394-402	3.3	39
79	Detection and characterization of potentially zoonotic viruses in faeces of pigs at slaughter in Germany. *Veterinary Microbiology*, **2014**, 168, 60-8	3.3	38
78	Sequence analysis of the full-length cloned DNA of a chicken anaemia virus (CAV) strain from Bangladesh: evidence for genetic grouping of CAV strains based on the deduced VP1 amino acid sequences. *Zoonoses and Public Health*, **2002**, 49, 332-7		38
77	Detection of rotavirus species A, B and C in domestic mammalian animals with diarrhoea and genotyping of bovine species A rotavirus strains. *Veterinary Microbiology*, **2015**, 179, 168-76	3.3	35
76	Hepatitis E virus seroprevalence of domestic pigs in Germany determined by a novel in-house and two reference ELISAs. *Journal of Virological Methods*, **2013**, 190, 11-6	2.6	35
75	The simultaneous occurrence of human norovirus and hepatitis E virus in a Norway rat (Rattus norvegicus). *Archives of Virology*, **2013**, 158, 1575-8	2.6	33
74	Inhibition of Hepatitis E Virus Spread by the Natural Compound Silvestrol. *Viruses*, **2018**, 10,	6.2	32
73	Construction and characterization of an infectious cDNA clone of rat hepatitis E virus. *Journal of General Virology*, **2015**, 96, 1320-1327	4.9	32
72	Analysis of frozen strawberries involved in a large norovirus gastroenteritis outbreak using next generation sequencing and digital PCR. *Food Microbiology*, **2018**, 76, 390-395	6	31
71	Sequence analysis of the VP6-encoding genome segment of avian group F and G rotaviruses. *Virology*, **2011**, 412, 384-91	3.6	31
70	Whole-genome characterization of a novel polyomavirus detected in fatally diseased canary birds. *Journal of General Virology*, **2010**, 91, 3016-22	4.9	31
69	Generation of an Avian-Mammalian Rotavirus Reassortant by Using a Helper Virus-Dependent Reverse Genetics System. *Journal of Virology*, **2016**, 90, 1439-43	6.6	30
68	The general composition of the faecal virome of pigs depends on age, but not on feeding with a probiotic bacterium. *PLoS ONE*, **2014**, 9, e88888	3.7	27
67	Recombinant expression of a truncated capsid protein of beak and feather disease virus and its application in serological tests. *Avian Pathology*, **2004**, 33, 328-36	2.4	27
66	Hepatitis E Virus Infection: Circulation, Molecular Epidemiology, and Impact on Global Health. *Pathogens*, **2020**, 9,	4.5	27
65	Survey for zoonotic pathogens in Norway rat populations from Europe. *Pest Management Science*, **2017**, 73, 341-348	4.6	26
64	Potential Approaches to Assess the Infectivity of Hepatitis E Virus in Pork Products: A Review. *Food and Environmental Virology*, **2017**, 9, 243-255	4	26
63	The structure of avian polyomavirus reveals variably sized capsids, non-conserved inter-capsomere interactions, and a possible location of the minor capsid protein VP4. *Virology*, **2011**, 411, 142-52	3.6	26

62	Generation of virus-like particles consisting of the major capsid protein VP1 of goose hemorrhagic polyomavirus and their application in serological tests. *Virus Research*, **2006**, 120, 128-37	6.4	26
61	Enhanced Replication of Hepatitis E Virus Strain 47832c in an A549-Derived Subclonal Cell Line. *Viruses*, **2016**, 8,	6.2	26
60	Comparison and optimization of detection methods for noroviruses in frozen strawberries containing different amounts of RT-PCR inhibitors. *Food Microbiology*, **2016**, 60, 124-30	6	23
59	Experimental infection of domestic pigeons with pigeon circovirus. *Avian Diseases*, **2008**, 52, 380-6	1.6	22
58	Avian polyomavirus agnoprotein 1a is incorporated into the virus particle as a fourth structural protein, VP4. *Journal of General Virology*, **2001**, 82, 909-918	4.9	22
57	Aspects of high hydrostatic pressure food processing: Perspectives on technology and food safety. *Comprehensive Reviews in Food Science and Food Safety*, **2021**, 20, 3225-3266	16.4	22
56	Infection of in vivo differentiated human mast cells with hantaviruses. *Journal of General Virology*, **2010**, 91, 1256-61	4.9	20
55	Knowledge gaps and research priorities in the prevention and control of hepatitis E virus infection. *Transboundary and Emerging Diseases*, **2018**, 65 Suppl 1, 22-29	4.2	19
54	Herpesviral, but no papovaviral sequences, are detected in cloacal papillomas of parrots. *Archives of Virology*, **2002**, 147, 1869-80	2.6	19
53	Distantly Related Rotaviruses in Common Shrews, Germany, 2004-2014. *Emerging Infectious Diseases*, **2019**, 25, 2310-2314	10.2	19
52	Avian polyomavirus mutants with deletions in the VP4-encoding region show deficiencies in capsid assembly and virus release, and have reduced infectivity in chicken. *Journal of General Virology*, **2007**, 88, 823-830	4.9	18
51	Generation of simian rotavirus reassortants with diverse VP4 genes using reverse genetics. *Journal of General Virology*, **2019**, 100, 1595-1604	4.9	18
50	Agnoprotein 1a and agnoprotein 1b of avian polyomavirus are apoptotic inducers. *Microbiology (United Kingdom)*, **2000**, 81, 1183-90	2.9	17
49	Generation of Simian Rotavirus Reassortants with VP4- and VP7-Encoding Genome Segments from Human Strains Circulating in Africa Using Reverse Genetics. *Viruses*, **2020**, 12,	6.2	16
48	Hepatitis E virus in feral rabbits along a rural-urban transect in Central Germany. *Infection, Genetics and Evolution*, **2018**, 61, 155-159	4.5	16
47	Nuclear localization of avian polyomavirus structural protein VP1 is a prerequisite for the formation of virus-like particles. *Journal of Virology*, **2004**, 78, 930-7	6.6	15
46	Isolation of Subtype 3c, 3e and 3f-Like Hepatitis E Virus Strains Stably Replicating to High Viral Loads in an Optimized Cell Culture System. *Viruses*, **2019**, 11,	6.2	14
45	Rotavirus RNA polymerases resolve into two phylogenetically distinct classes that differ in their mechanism of template recognition. *Virology*, **2012**, 431, 50-7	3.6	14

44	Serological evidence of hepatitis E virus infection in zoo animals and identification of a rodent-borne strain in a Syrian brown bear. *Veterinary Microbiology*, **2017**, 212, 87-92	3.3	14
43	Development of a blocking enzyme-linked immunosorbent assay for the detection of avian polyomavirus-specific antibodies. *Journal of Virological Methods*, **2000**, 89, 39-48	2.6	14
42	Detection and Characterization of Hepatitis E Virus Genotype 3 in Wastewater and Urban Surface Waters in Germany. *Food and Environmental Virology*, **2020**, 12, 137-147	4	13
41	Viral-induced inflammation is accompanied by beta-amyloid plaque reduction in brains of amyloid precursor protein transgenic Tg2576 mice. *European Journal of Neuroscience*, **2006**, 24, 1923-34	3.5	13
40	Rotaviruses: diversity and zoonotic potential--a brief review. *Berliner Und Munchener Tierarztliche Wochenschrift*, **2007**, 120, 108-12		12
39	Interlaboratory Validation of a Method for Hepatitis E Virus RNA Detection in Meat and Meat Products. *Food and Environmental Virology*, **2019**, 11, 1-8	4	11
38	Stability of hepatitis E virus at different pH values. *International Journal of Food Microbiology*, **2020**, 325, 108625	5.8	10
37	Hepatitis E virus genome detection in commercial pork livers and pork meat products in Germany. *Journal of Viral Hepatitis*, **2021**, 28, 196-204	3.4	10
36	Generation in yeast and antigenic characterization of hepatitis E virus capsid protein virus-like particles. *Applied Microbiology and Biotechnology*, **2018**, 102, 185-198	5.7	10
35	Estimated exposure to hepatitis E virus through consumption of swine liver and liver sausages. *Food Control*, **2017**, 73, 821-828	6.2	9
34	Potential of avian and mammalian species A rotaviruses to reassort as explored by plasmid only-based reverse genetics. *Virus Research*, **2020**, 286, 198027	6.4	9
33	Mortality due to polyomavirus infection in two nightjars (Caprimulgus europaeus) **2009**, 23, 136-40		8
32	Hepatitis E: An update on One Health and clinical medicine. *Liver International*, **2021**, 41, 1462-1473	7.9	8
31	Serological cross-reactions between four polyomaviruses of birds using virus-like particles expressed in yeast. *Journal of General Virology*, **2012**, 93, 2658-2667	4.9	7
30	Detection of chimpanzee polyomavirus-specific antibodies in captive and wild-caught chimpanzees using yeast-expressed virus-like particles. *Virus Research*, **2011**, 155, 514-9	6.4	7
29	Whole Genome Sequence Analysis of a Prototype Strain of the Novel Putative Rotavirus Species L.. *Viruses*, **2022**, 14,	6.2	7
28	Rabovirus: a proposed new picornavirus genus that is phylogenetically basal to enteroviruses and sapeloviruses. *Archives of Virology*, **2015**, 160, 2569-75	2.6	6
27	Establishment of a Plasmid-Based Reverse Genetics System for the Cell Culture-Adapted Hepatitis E Virus Genotype 3c Strain 47832c. *Pathogens*, **2020**, 9,	4.5	6

26	Effect of Sodium Chloride, Sodium Nitrite and Sodium Nitrate on the Infectivity of Hepatitis E Virus. *Food and Environmental Virology*, **2020**, 12, 350-354	4	6
25	Predictive models for thermal inactivation of human norovirus and surrogates in strawberry puree. *Food Control*, **2019**, 96, 87-97	6.2	6
24	Stability of hepatitis E virus at high hydrostatic pressure processing. *International Journal of Food Microbiology*, **2021**, 339, 109013	5.8	6
23	Detection of HEV-specific antibodies in four non-human primate species, including great apes, from different zoos in Germany. *Epidemiology and Infection*, **2018**, 146, 119-124	4.3	6
22	Detection and genome characterization of bovine polyomaviruses in beef muscle and ground beef samples from Germany. *International Journal of Food Microbiology*, **2017**, 241, 168-172	5.8	5
21	A longitudinal study on avian polyomavirus-specific antibodies in captive Spix's macaws (Cyanopsitta spixii) **2010**, 24, 192-8		5
20	Psittacid herpesvirus DNA in a pancreatic duct carcinoma in a macaw. *Veterinary Record*, **2009**, 164, 306-8	2.9	5
19	Rescue of Infectious Rotavirus Reassortants by a Reverse Genetics System Is Restricted by the Receptor-Binding Region of VP4. *Viruses*, **2021**, 13,	6.2	5
18	The Molecular Switch of Telomere Phages: High Binding Specificity of the PY54 Cro Lytic Repressor to a Single Operator Site. *Viruses*, **2015**, 7, 2771-93	6.2	4
17	Investigations on the aetiology of pinching off syndrome in four white-tailed sea eagles (Haliaeetus albicilla) from Germany. *Avian Pathology*, **2007**, 36, 235-43	2.4	4
16	Reverse genetics approaches for hepatitis E virus and related viruses. *Current Opinion in Virology*, **2020**, 44, 121-128	7.5	4
15	Identification of the interferon-inducible GTPase GBP1 as major restriction factor for the Hepatitis E virus. *Journal of Virology*, **2021**,	6.6	4
14	A broadly cross-reactive monoclonal antibody against hepatitis E virus capsid antigen. *Applied Microbiology and Biotechnology*, **2021**, 105, 4957-4973	5.7	4
13	No Evidence of Hepatitis E Virus Infection in Farmed Deer in Germany. *Food and Environmental Virology*, **2020**, 12, 81-83	4	4
12	No Evidence of Rat Hepatitis E Virus Excretion in Urine Samples of Rats. *Japanese Journal of Infectious Diseases*, **2017**, 70, 305-307	2.7	3
11	Genetic and biological characteristics of species A rotaviruses detected in common shrews suggest a distinct evolutionary trajectory.. *Virus Evolution*, **2022**, 8, veac004	3.7	3
10	Norovirus outbreak in a restaurant: investigation of the path of infection by sequence analysis of food and human samples. *Journal Fur Verbraucherschutz Und Lebensmittelsicherheit*, **2016**, 11, 345-351	2.3	3
9	Whole genome sequence analysis of cell culture-adapted rotavirus A strains from chicken. *Infection, Genetics and Evolution*, **2020**, 81, 104275	4.5	2

8	Novel Hepatitis E Virus Genotype in Norway Rats, Germany. *Emerging Infectious Diseases*, **2011**, 17, 1982-1983	10.3	2
7	Interlaboratory Validation of a Detection Method for Hepatitis E Virus RNA in Pig Liver. *Microorganisms*, **2020**, 8,	4.9	2
6	Hepatitis E virus persists in the ejaculate of chronically infected men. *Journal of Hepatology*, **2021**, 75, 55-63	13.4	2
5	Cell Culture Isolation and Whole Genome Characterization of Hepatitis E Virus Strains from Wild Boars in Germany. *Microorganisms*, **2021**, 9,	4.9	1
4	The Translated Amino Acid Sequence of an Insertion in the Hepatitis E Virus Strain 47832c Genome, But Not the RNA Sequence, Is Essential for Efficient Cell Culture Replication. *Viruses*, **2021**, 13,	6.2	1
3	Stability of Hepatitis E Virus After Drying on Different Surfaces.. *Food and Environmental Virology*, **2022**, 1	4	0
2	Challenges in research and management of hepatitis E virus infection in Cuba, Mexico, and Uruguay. *Revista Panamericana De Salud Publica/Pan American Journal of Public Health*, **2018**, 42, e41	4.1	
1	Coronaviruses are stable on glass, but are eliminated by manual dishwashing procedures. *Food Microbiology*, **2022**, 104036	6	