

Arvind Varsani

List of Publications by Citations

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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.

329
papers

12,052
citations

56
h-index

98
g-index

355
ext. papers

16,244
ext. citations

4.5
avg, IF

6.6
L-index

#	Paper	IF	Citations
329	SDT: a virus classification tool based on pairwise sequence alignment and identity calculation. <i>PLoS ONE</i> , 2014 , 9, e108277	3.7	770
328	Revision of Begomovirus taxonomy based on pairwise sequence comparisons. <i>Archives of Virology</i> , 2015 , 160, 1593-619	2.6	430
327	ICTV Virus Taxonomy Profile: Geminiviridae. <i>Journal of General Virology</i> , 2017 , 98, 131-133	4.9	400
326	Changes to taxonomy and the International Code of Virus Classification and Nomenclature ratified by the International Committee on Taxonomy of Viruses (2017). <i>Archives of Virology</i> , 2017 , 162, 2505-2538	2.6	398
325	Consensus statement: Virus taxonomy in the age of metagenomics. <i>Nature Reviews Microbiology</i> , 2017 , 15, 161-168	22.2	375
324	Recombination patterns in aphthoviruses mirror those found in other picornaviruses. <i>Journal of Virology</i> , 2006 , 80, 11827-32	6.6	234
323	The spread of tomato yellow leaf curl virus from the Middle East to the world. <i>PLoS Pathogens</i> , 2010 , 6, e1001164	7.6	197
322	Ratification vote on taxonomic proposals to the International Committee on Taxonomy of Viruses (2016). <i>Archives of Virology</i> , 2016 , 161, 2921-49	2.6	195
321	Changes to taxonomy and the International Code of Virus Classification and Nomenclature ratified by the International Committee on Taxonomy of Viruses (2018). <i>Archives of Virology</i> , 2018 , 163, 2601-2631	2.6	187
320	Widely conserved recombination patterns among single-stranded DNA viruses. <i>Journal of Virology</i> , 2009 , 83, 2697-707	6.6	186
319	Revisiting the taxonomy of the family Circoviridae: establishment of the genus Cyclovirus and removal of the genus Gyrovirus. <i>Archives of Virology</i> , 2017 , 162, 1447-1463	2.6	182
318	Minimum Information about an Uncultivated Virus Genome (MIUViG). <i>Nature Biotechnology</i> , 2019 , 37, 29-37	44.5	180
317	Global Organization and Proposed Megataxonomy of the Virus World. <i>Microbiology and Molecular Biology Reviews</i> , 2020 , 84,	13.2	178
316	Establishment of three new genera in the family Geminiviridae: Becurtovirus, Eragrovirus and Turncurovirus. <i>Archives of Virology</i> , 2014 , 159, 2193-203	2.6	177
315	Changes to virus taxonomy and the International Code of Virus Classification and Nomenclature ratified by the International Committee on Taxonomy of Viruses (2019). <i>Archives of Virology</i> , 2019 , 164, 2417-2429	2.6	171
314	Capulavirus and Grablovirus: two new genera in the family Geminiviridae. <i>Archives of Virology</i> , 2017 , 162, 1819-1831	2.6	166
313	Recombination in eukaryotic single stranded DNA viruses. <i>Viruses</i> , 2011 , 3, 1699-738	6.2	141

312	Diverse circular ssDNA viruses discovered in dragonflies (Odonata: Eiprocta). <i>Journal of General Virology</i> , 2012 , 93, 2668-2681	4.9	140
311	Begomovirus 'melting pot' in the south-west Indian Ocean islands: molecular diversity and evolution through recombination. <i>Journal of General Virology</i> , 2007 , 88, 3458-3468	4.9	140
310	The Ancient Evolutionary History of Polyomaviruses. <i>PLoS Pathogens</i> , 2016 , 12, e1005574	7.6	131
309	Recombination, decreased host specificity and increased mobility may have driven the emergence of maize streak virus as an agricultural pathogen. <i>Journal of General Virology</i> , 2008 , 89, 2063-2074	4.9	107
308	Genomoviridae: a new family of widespread single-stranded DNA viruses. <i>Archives of Virology</i> , 2016 , 161, 2633-43	2.6	104
307	A protocol for the rapid isolation of full geminivirus genomes from dried plant tissue. <i>Journal of Virological Methods</i> , 2008 , 149, 97-102	2.6	98
306	An 81-Nucleotide Deletion in SARS-CoV-2 ORF7a Identified from Sentinel Surveillance in Arizona (January to March 2020). <i>Journal of Virology</i> , 2020 , 94,	6.6	91
305	A unicellular algal virus, <i>Emiliania huxleyi</i> virus 86, exploits an animal-like infection strategy. <i>Journal of General Virology</i> , 2009 , 90, 2306-16	4.9	90
304	Maize streak virus: an old and complex 'emerging' pathogen. <i>Molecular Plant Pathology</i> , 2010 , 11, 1-12	5.7	89
303	Dragonfly cyclovirus, a novel single-stranded DNA virus discovered in dragonflies (Odonata: Anisoptera). <i>Journal of General Virology</i> , 2011 , 92, 1302-1308	4.9	88
302	Preservation of viral genomes in 700-y-old caribou feces from a subarctic ice patch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 16842-7	11.5	87
301	ICTV Virus Taxonomy Profile: Circoviridae. <i>Journal of General Virology</i> , 2017 , 98, 1997-1998	4.9	84
300	Brazilian begomovirus populations are highly recombinant, rapidly evolving, and segregated based on geographical location. <i>Journal of Virology</i> , 2013 , 87, 5784-99	6.6	83
299	Alphasatellitidae: a new family with two subfamilies for the classification of geminivirus- and nanovirus-associated alphasatellites. <i>Archives of Virology</i> , 2018 , 163, 2587-2600	2.6	78
298	Rapid host adaptation by extensive recombination. <i>Journal of General Virology</i> , 2009 , 90, 734-746	4.9	78
297	Development of <i>phoH</i> as a novel signature gene for assessing marine phage diversity. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 7730-9	4.8	76
296	Six novel begomoviruses infecting tomato and associated weeds in Southeastern Brazil. <i>Archives of Virology</i> , 2008 , 153, 1985-9	2.6	73
295	Geometagenomics illuminates the impact of agriculture on the distribution and prevalence of plant viruses at the ecosystem scale. <i>ISME Journal</i> , 2018 , 12, 173-184	11.9	72

294	Evolution and ecology of plant viruses. <i>Nature Reviews Microbiology</i> , 2019 , 17, 632-644	22.2	72
293	Expression of Human papillomavirus type 16 major capsid protein in transgenic <i>Nicotiana tabacum</i> cv. Xanthi. <i>Archives of Virology</i> , 2003 , 148, 1771-86	2.6	71
292	VirSorter2: a multi-classifier, expert-guided approach to detect diverse DNA and RNA viruses. <i>Microbiome</i> , 2021 , 9, 37	16.6	69
291	Chimeric human papillomavirus type 16 (HPV-16) L1 particles presenting the common neutralizing epitope for the L2 minor capsid protein of HPV-6 and HPV-16. <i>Journal of Virology</i> , 2003 , 77, 8386-93	6.6	68
290	Sequence-based taxonomic framework for the classification of uncultured single-stranded DNA viruses of the family. <i>Virus Evolution</i> , 2017 , 3, vew037	3.7	67
289	Additional changes to taxonomy ratified in a special vote by the International Committee on Taxonomy of Viruses (October 2018). <i>Archives of Virology</i> , 2019 , 164, 943-946	2.6	66
288	Complex recombination patterns arising during geminivirus coinfections preserve and demarcate biologically important intra-genome interaction networks. <i>PLoS Pathogens</i> , 2011 , 7, e1002203	7.6	65
287	Appearances can be deceptive: revealing a hidden viral infection with deep sequencing in a plant quarantine context. <i>PLoS ONE</i> , 2014 , 9, e102945	3.7	65
286	Discovery of several thousand highly diverse circular DNA viruses. <i>ELife</i> , 2020 , 9,	8.9	65
285	Novel myco-like DNA viruses discovered in the faecal matter of various animals. <i>Virus Research</i> , 2013 , 177, 209-16	6.4	63
284	Global genetic diversity and geographical and host-species distribution of beak and feather disease virus isolates. <i>Journal of General Virology</i> , 2011 , 92, 752-67	4.9	63
283	Characterisation of a diverse range of circular replication-associated protein encoding DNA viruses recovered from a sewage treatment oxidation pond. <i>Infection, Genetics and Evolution</i> , 2015 , 31, 73-86	4.5	62
282	A highly divergent South African geminivirus species illuminates the ancient evolutionary history of this family. <i>Virology Journal</i> , 2009 , 6, 36	6.1	62
281	Successful application of FTA Classic Card technology and use of bacteriophage phi29 DNA polymerase for large-scale field sampling and cloning of complete maize streak virus genomes. <i>Journal of Virological Methods</i> , 2007 , 140, 100-5	2.6	60
280	Post-translational cleavage of recombinantly expressed nitrilase from <i>Rhodococcus rhodochrous</i> J1 yields a stable, active helical form. <i>FEBS Journal</i> , 2007 , 274, 2099-108	5.7	58
279	VIRIDIC-A Novel Tool to Calculate the Intergenomic Similarities of Prokaryote-Infecting Viruses. <i>Viruses</i> , 2020 , 12,	6.2	57
278	Evidence of ancient papillomavirus recombination. <i>Journal of General Virology</i> , 2006 , 87, 2527-2531	4.9	56
277	Circular replication-associated protein encoding DNA viruses identified in the faecal matter of various animals in New Zealand. <i>Infection, Genetics and Evolution</i> , 2016 , 43, 151-64	4.5	56


276	Multiple origins of prokaryotic and eukaryotic single-stranded DNA viruses from bacterial and archaeal plasmids. <i>Nature Communications</i> , 2019 , 10, 3425	17.4	55
275	Revisiting the classification of curtoviruses based on genome-wide pairwise identity. <i>Archives of Virology</i> , 2014 , 159, 1873-82	2.6	55
274	RDP5: a computer program for analyzing recombination in, and removing signals of recombination from, nucleotide sequence datasets. <i>Virus Evolution</i> , 2021 , 7, veaa087	3.7	55
273	Identification of diverse circular single-stranded DNA viruses in adult dragonflies and damselflies (Insecta: Odonata) of Arizona and Oklahoma, USA. <i>Infection, Genetics and Evolution</i> , 2015 , 30, 278-287	4.5	54
272	50 years of the International Committee on Taxonomy of Viruses: progress and prospects. <i>Archives of Virology</i> , 2017 , 162, 1441-1446	2.6	53
271	Reconstructing the history of maize streak virus strain dispersal to reveal diversification hot spots and its origin in southern Africa. <i>Journal of Virology</i> , 2011 , 85, 9623-36	6.6	52
270	Transient expression of Human papillomavirus type 16 L1 protein in <i>Nicotiana benthamiana</i> using an infectious tobamovirus vector. <i>Virus Research</i> , 2006 , 120, 91-6	6.4	52
269	Changes to virus taxonomy and to the International Code of Virus Classification and Nomenclature ratified by the International Committee on Taxonomy of Viruses (2021). <i>Archives of Virology</i> , 2021 , 166, 2633-2648	2.6	52
268	Diverse circular replication-associated protein encoding viruses circulating in invertebrates within a lake ecosystem. <i>Infection, Genetics and Evolution</i> , 2016 , 39, 304-316	4.5	51
267	Genetic analysis of maize streak virus isolates from Uganda reveals widespread distribution of a recombinant variant. <i>Journal of General Virology</i> , 2007 , 88, 3154-3165	4.9	50
266	Molecular characterisation of a novel cassava associated circular ssDNA virus. <i>Virus Research</i> , 2012 , 166, 130-5	6.4	49
265	High global diversity of cycloviruses amongst dragonflies. <i>Journal of General Virology</i> , 2013 , 94, 1827-1840	4.9	48
264	Experimental observations of rapid Maize streak virus evolution reveal a strand-specific nucleotide substitution bias. <i>Virology Journal</i> , 2008 , 5, 104	6.1	48
263	Alfalfa Leaf Curl Virus: an Aphid-Transmitted Geminivirus. <i>Journal of Virology</i> , 2015 , 89, 9683-8	6.6	47
262	: a Virus Phylum Unifying Seven Families of Rep-Encoding Viruses with Single-Stranded, Circular DNA Genomes. <i>Journal of Virology</i> , 2020 , 94,	6.6	47
261	Experimental evidence indicating that mastreviruses probably did not co-diverge with their hosts. <i>Virology Journal</i> , 2009 , 6, 104	6.1	47
260	Molecular characterisation of beak and feather disease virus (BFDV) in New Zealand and its implications for managing an infectious disease. <i>Archives of Virology</i> , 2012 , 157, 1651-63	2.6	46
259	Dating the origins of the maize-adapted strain of maize streak virus, MSV-A. <i>Journal of General Virology</i> , 2009 , 90, 3066-3074	4.9	46

258	Plant-produced cottontail rabbit papillomavirus L1 protein protects against tumor challenge: a proof-of-concept study. <i>Vaccine Journal</i> , 2006 , 13, 845-53		46
257	Diverse small circular single-stranded DNA viruses identified in a freshwater pond on the McMurdo Ice Shelf (Antarctica). <i>Infection, Genetics and Evolution</i> , 2014 , 26, 132-8	4.5	45
256	Diverse small circular DNA viruses circulating amongst estuarine molluscs. <i>Infection, Genetics and Evolution</i> , 2015 , 31, 284-95	4.5	44
255	Extensive recombination detected among beak and feather disease virus isolates from breeding facilities in Poland. <i>Journal of General Virology</i> , 2013 , 94, 1086-1095	4.9	44
254	Ongoing geographical spread of Tomato yellow leaf curl virus. <i>Virology</i> , 2016 , 498, 257-264	3.6	43
253	Towards inferring the global movement of beak and feather disease virus. <i>Virology</i> , 2014 , 450-451, 24-33, 6	3.6	43
252	Discovery of a novel mastrevirus and alphasatellite-like circular DNA in dragonflies (Epirocta) from Puerto Rico. <i>Virus Research</i> , 2013 , 171, 231-7	6.4	43
251	Turnip curly top virus, a highly divergent geminivirus infecting turnip in Iran. <i>Virus Research</i> , 2010 , 152, 169-75	6.4	43
250	A novel papillomavirus in Adlie penguin (<i>Pygoscelis adeliae</i>) faeces sampled at the Cape Crozier colony, Antarctica. <i>Journal of General Virology</i> , 2014 , 95, 1352-1365	4.9	42
249	Viruses associated with Antarctic wildlife: From serology based detection to identification of genomes using high throughput sequencing. <i>Virus Research</i> , 2018 , 243, 91-105	6.4	41
248	Diverse and highly recombinant anelloviruses associated with Weddell seals in Antarctica. <i>Virus Evolution</i> , 2017 , 3, vex017	3.7	39
247	Smacoviridae: a new family of animal-associated single-stranded DNA viruses. <i>Archives of Virology</i> , 2018 , 163, 2005-2015	2.6	39
246	Cycloviruses, gemycircularviruses and other novel replication-associated protein encoding circular viruses in Pacific flying fox (<i>Pteropus tonganus</i>) faeces. <i>Infection, Genetics and Evolution</i> , 2016 , 39, 279-292	4.5	39
245	Identification and molecular characterization of a single-stranded circular DNA virus with similarities to <i>Sclerotinia sclerotiorum</i> hypovirulence-associated DNA virus 1. <i>Archives of Virology</i> , 2014 , 159, 1527-31	2.6	39
244	Kombucha: a novel model system for cooperation and conflict in a complex multi-species microbial ecosystem. <i>PeerJ</i> , 2019 , 7, e7565	3.1	38
243	The global distribution of reveals little evidence for frequent recent, human-mediated long distance dispersal events. <i>Virus Evolution</i> , 2015 , 1, vev009	3.7	38
242	Apparent competition drives community-wide parasitism rates and changes in host abundance across ecosystem boundaries. <i>Nature Communications</i> , 2016 , 7, 12644	17.4	36
241	Pervasive Chimerism in the Replication-Associated Proteins of Uncultured Single-Stranded DNA Viruses. <i>Viruses</i> , 2018 , 10,	6.2	36

240	Evolutionary history of ssDNA bacilladnaviruses features horizontal acquisition of the capsid gene from ssRNA nodaviruses. <i>Virology</i> , 2017 , 504, 114-121	3.6	35
239	Identification of an avian polyomavirus associated with Adlie penguins (<i>Pygoscelis adeliae</i>). <i>Journal of General Virology</i> , 2015 , 96, 851-857	4.9	34
238	Novel circular DNA viruses identified in <i>Procordulia grayi</i> and <i>Xanthocnemis zealandica</i> larvae using metagenomic approaches. <i>Infection, Genetics and Evolution</i> , 2014 , 22, 134-41	4.5	34
237	East African cassava mosaic-like viruses from Africa to Indian ocean islands: molecular diversity, evolutionary history and geographical dissemination of a bipartite begomovirus. <i>BMC Evolutionary Biology</i> , 2012 , 12, 228	3	34
236	Fulfilling Koch's postulates for beet curly top Iran virus and proposal for consideration of new genus in the family Geminiviridae. <i>Archives of Virology</i> , 2013 , 158, 435-43	2.6	33
235	Molecular characterisation of dicot-infecting mastreviruses from Australia. <i>Virus Research</i> , 2012 , 166, 13-22	6.4	33
234	Evidence of inter-component recombination, intra-component recombination and reassortment in banana bunchy top virus. <i>Journal of General Virology</i> , 2012 , 93, 1103-1119	4.9	33
233	Molecular characterization and prevalence of two capulaviruses: Alfalfa leaf curl virus from France and <i>Euphorbia caput-medusae</i> latent virus from South Africa. <i>Virology</i> , 2016 , 493, 142-53	3.6	33
232	Genome diversity and evidence of recombination and reassortment in nanoviruses from Europe. <i>Journal of General Virology</i> , 2014 , 95, 1178-1191	4.9	31
231	Mimicking filtration and transport of rotavirus and adenovirus in sand media using DNA-labeled, protein-coated silica nanoparticles. <i>Water Research</i> , 2014 , 62, 167-79	12.5	31
230	Evidence that dicot-infecting mastreviruses are particularly prone to inter-species recombination and have likely been circulating in Australia for longer than in Africa and the Middle East. <i>Virology</i> , 2013 , 444, 282-91	3.6	31
229	Discovery of a novel circular single-stranded DNA virus from porcine faeces. <i>Archives of Virology</i> , 2013 , 158, 283-9	2.6	30
228	Further characterization of tomato-infecting begomoviruses in Brazil. <i>Archives of Virology</i> , 2012 , 157, 747-52	2.6	30
227	Virus discovery in all three major lineages of terrestrial arthropods highlights the diversity of single-stranded DNA viruses associated with invertebrates. <i>PeerJ</i> , 2018 , 6, e5761	3.1	30
226	Begomovirus-Associated Satellite DNA Diversity Captured Through Vector-Enabled Metagenomic (VEM) Surveys Using Whiteflies (Aleyrodidae). <i>Viruses</i> , 2016 , 8,	6.2	30
225	Identification of a polyomavirus in Weddell seal (<i>Leptonychotes weddellii</i>) from the Ross Sea (Antarctica). <i>Archives of Virology</i> , 2017 , 162, 1403-1407	2.6	29
224	Genome sequences of a capulavirus infecting <i>Plantago lanceolata</i> in the Åland archipelago of Finland. <i>Archives of Virology</i> , 2017 , 162, 2041-2045	2.6	29
223	Discovery of <i>Sclerotinia sclerotiorum</i> Hypovirulence-Associated Virus-1 in Urban River Sediments of Heathcote and Styx Rivers in Christchurch City, New Zealand. <i>Genome Announcements</i> , 2013 , 1,		29

222	Pigeon circoviruses display patterns of recombination, genomic secondary structure and selection similar to those of beak and feather disease viruses. <i>Journal of General Virology</i> , 2014 , 95, 1338-1351	4.9	28
221	Unique genome organization of non-mammalian papillomaviruses provides insights into the evolution of viral early proteins. <i>Virus Evolution</i> , 2017 , 3, vex027	3.7	27
220	Binomial nomenclature for virus species: a consultation. <i>Archives of Virology</i> , 2020 , 165, 519-525	2.6	27
219	Genetic diversity and distribution of tomato-infecting begomoviruses in Iran. <i>Virus Genes</i> , 2009 , 38, 311-2.3		26
218	Notes on recombination and reassortment in multipartite/segmented viruses. <i>Current Opinion in Virology</i> , 2018 , 33, 156-166	7.5	26
217	Passion Fruit Chlorotic Mottle Virus: Molecular Characterization of a New Divergent Geminivirus in Brazil. <i>Viruses</i> , 2018 , 10,	6.2	26
216	Evidence of pervasive biologically functional secondary structures within the genomes of eukaryotic single-stranded DNA viruses. <i>Journal of Virology</i> , 2014 , 88, 1972-89	6.6	25
215	Vector-Enabled Metagenomic (VEM) Surveys Using Whiteflies (Aleyrodidae) Reveal Novel Begomovirus Species in the New and Old Worlds. <i>Viruses</i> , 2015 , 7, 5553-70	6.2	25
214	A deletion and point mutation study of the human papillomavirus type 16 major capsid gene. <i>Virus Research</i> , 2006 , 122, 154-63	6.4	25
213	High-throughput sequencing of SARS-CoV-2 in wastewater provides insights into circulating variants. <i>Water Research</i> , 2021 , 205, 117710	12.5	25
212	Identification of novel Bromus- and Trifolium-associated circular DNA viruses. <i>Archives of Virology</i> , 2015 , 160, 1303-11	2.6	24
211	Complete sequences of tomato leaf curl Palampur virus isolates infecting cucurbits in Iran. <i>Archives of Virology</i> , 2009 , 154, 1015-8	2.6	24
210	Comparative analysis of Panicum streak virus and Maize streak virus diversity, recombination patterns and phylogeography. <i>Virology Journal</i> , 2009 , 6, 194	6.1	24
209	A new isolate of beak and feather disease virus from endemic wild red-fronted parakeets (<i>Cyanoramphus novaezelandiae</i>) in New Zealand. <i>Archives of Virology</i> , 2010 , 155, 613-20	2.6	24
208	Metagenomic identification of a nodavirus and a circular ssDNA virus in semi-purified viral nucleic acids from the hepatopancreas of healthy <i>Farfantepenaeus duorarum</i> shrimp. <i>Diseases of Aquatic Organisms</i> , 2013 , 105, 237-42	1.7	24
207	Discovery of a novel circular DNA virus in the Forbes sea star, <i>Asterias forbesi</i> . <i>Archives of Virology</i> , 2015 , 160, 2349-51	2.6	23
206	Replicative intermediates of maize streak virus found during leaf development. <i>Journal of General Virology</i> , 2010 , 91, 1077-81	4.9	23
205	Genetic diversity and host range studies of turnip curly top virus. <i>Virus Genes</i> , 2013 , 46, 345-53	2.3	22

204	The mechanism of the amidases: mutating the glutamate adjacent to the catalytic triad inactivates the enzyme due to substrate mispositioning. <i>Journal of Biological Chemistry</i> , 2013 , 288, 28514-23	5.4	22
203	Panicum streak virus diversity is similar to that observed for maize streak virus. <i>Archives of Virology</i> , 2008 , 153, 601-4	2.6	22
202	High-throughput sequencing of SARS-CoV-2 in wastewater provides insights into circulating variants 2021 ,		22
201	Molecular characterisation of an avihepadnavirus isolated from <i>Psittacula krameri</i> (ring-necked parrot). <i>Archives of Virology</i> , 2012 , 157, 585-90	2.6	21
200	Identification of Phytoplasmas Associated with Cultivated and Ornamental Plants in Kerman Province, Iran. <i>Journal of Phytopathology</i> , 2010 , 158, 713-720	1.8	21
199	Evidence of multiple introductions of beak and feather disease virus into the Pacific islands of Nouvelle-Caledonie (New Caledonia). <i>Journal of General Virology</i> , 2012 , 93, 2466-2472	4.9	21
198	Genetic Characterization of a Recombinant Myxoma Virus in the Iberian Hare (). <i>Viruses</i> , 2019 , 11,	6.2	20
197	Adsorption of Rotavirus, MS2 Bacteriophage and Surface-Modified Silica Nanoparticles to Hydrophobic Matter. <i>Food and Environmental Virology</i> , 2015 , 7, 261-8	4	20
196	From Spatial Metagenomics to Molecular Characterization of Plant Viruses: A Geminivirus Case Study. <i>Advances in Virus Research</i> , 2018 , 101, 55-83	10.7	20
195	Restoration of native folding of single-stranded DNA sequences through reverse mutations: an indication of a new epigenetic mechanism. <i>Archives of Biochemistry and Biophysics</i> , 2006 , 453, 108-22	4.1	20
194	Identification of a Nanovirus-Alphasatellite Complex in <i>Sophora alopecuroides</i> . <i>Virus Research</i> , 2017 , 235, 24-32	6.4	19
193	Single Stranded DNA Viruses Associated with Capybara Faeces Sampled in Brazil. <i>Viruses</i> , 2019 , 11,	6.2	19
192	Phylogenetic diversity and co-evolutionary signals among trophic levels change across a habitat edge. <i>Journal of Animal Ecology</i> , 2015 , 84, 364-72	4.7	19
191	First Report of Maize yellow mosaic virus Infecting Maize in Brazil. <i>Plant Disease</i> , 2017 , 101, 2156	1.5	19
190	Diversity of beet curly top Iran virus isolated from different hosts in Iran. <i>Virus Genes</i> , 2013 , 46, 571-5	2.3	19
189	Structural and biochemical characterization of a nitrilase from the thermophilic bacterium, <i>Geobacillus pallidus</i> RAPc8. <i>Applied Microbiology and Biotechnology</i> , 2010 , 88, 143-53	5.7	19
188	Sex-Based Differences in Adlie Penguin (<i>Pygoscelis adeliae</i>) Chick Growth Rates and Diet. <i>PLoS ONE</i> , 2016 , 11, e0149090	3.7	19
187	Tracking effluent discharges in undisturbed stony soil and alluvial gravel aquifer using synthetic DNA tracers. <i>Science of the Total Environment</i> , 2017 , 592, 144-152	10.2	18

186	Novel ssDNA virus recovered from estuarine Mollusc (<i>Amphibola crenata</i>) whose replication associated protein (Rep) shares similarities with Rep-like sequences of bacterial origin. <i>Journal of General Virology</i> , 2013 , 94, 1104-1110	4.9	18
185	A unique isolate of beak and feather disease virus isolated from budgerigars (<i>Melopsittacus undulatus</i>) in South Africa. <i>Archives of Virology</i> , 2010 , 155, 435-9	2.6	18
184	Novel sugarcane streak and Sugarcane streak RUnion mastreviruses from southern Africa and La RUnion. <i>Archives of Virology</i> , 2008 , 153, 605-9	2.6	18
183	HIV type 1 subtype C gag and nef diversity in Southern Africa. <i>AIDS Research and Human Retroviruses</i> , 2007 , 23, 477-81	1.6	18
182	Identification of circular single-stranded DNA viruses in faecal samples of Canada lynx (<i>Lynx canadensis</i>), moose (<i>Alces alces</i>) and snowshoe hare (<i>Lepus americanus</i>) inhabiting the Colorado San Juan Mountains. <i>Infection, Genetics and Evolution</i> , 2018 , 64, 1-8	4.5	17
181	Identification of a Novel Circular DNA Virus in New Zealand Fur Seal (<i>Arctocephalus forsteri</i>) Fecal Matter. <i>Genome Announcements</i> , 2013 , 1,		17
180	Single-Stranded DNA Viruses in Antarctic Cryoconite Holes. <i>Viruses</i> , 2019 , 11,	6.2	17
179	Diverse single-stranded DNA viruses associated with honey bees (<i>Apis mellifera</i>). <i>Infection, Genetics and Evolution</i> , 2019 , 71, 179-188	4.5	16
178	Comparison of Illumina de novo assembled and Sanger sequenced viral genomes: A case study for RNA viruses recovered from the plant pathogenic fungus <i>Sclerotinia sclerotiorum</i> . <i>Virus Research</i> , 2016 , 219, 51-57	6.4	16
177	A novel geminivirus identified in tomato and cleome plants sampled in Brazil. <i>Virus Research</i> , 2017 , 240, 175-179	6.4	16
176	Clinical beak and feather disease virus infection in wild juvenile eastern rosellas of New Zealand; biosecurity implications for wildlife care facilities. <i>New Zealand Veterinary Journal</i> , 2014 , 62, 297-301	1.7	16
175	Australian monocot-infecting mastrevirus diversity rivals that in Africa. <i>Virus Research</i> , 2012 , 169, 127-366.4		16
174	Analysis of Iranian Potato virus S isolates. <i>Virus Genes</i> , 2011 , 43, 281-8	2.3	16
173	ICTV Virus Taxonomy Profile: 2021.. <i>Journal of General Virology</i> , 2021 , 102,	4.9	16
172	VIRIDIC  a novel tool to calculate the intergenomic similarities of prokaryote-infecting viruses		16
171	Molecular diversity of Chickpea chlorotic dwarf virus in Sudan: high rates of intra-species recombination - a driving force in the emergence of new strains. <i>Infection, Genetics and Evolution</i> , 2015 , 29, 203-15	4.5	15
170	Extensive recombination-induced disruption of genetic interactions is highly deleterious but can be partially reversed by small numbers of secondary recombination events. <i>Journal of Virology</i> , 2014 , 88, 7843-51	6.6	15
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168	Predicting the zoonotic capacity of mammals to transmit SARS-CoV-2. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20211651	4.4	15
167	Divergent evolutionary and epidemiological dynamics of cassava mosaic geminiviruses in Madagascar. <i>BMC Evolutionary Biology</i> , 2016 , 16, 182	3	15
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165	Identification of Starling Circovirus in an Estuarine Mollusc (<i>Amphibola crenata</i>) in New Zealand Using Metagenomic Approaches. <i>Genome Announcements</i> , 2013 , 1,		14
164	Nanovirus-alphasatellite complex identified in <i>Vicia cracca</i> in the Rh�e delta region of France. <i>Archives of Virology</i> , 2018 , 163, 695-700	2.6	14
163	Identification of an anellovirus and genomoviruses in ixodid ticks. <i>Virus Genes</i> , 2018 , 54, 155-159	2.3	14
162	Emerging infectious disease or evidence of endemicity? A multi-season study of beak and feather disease virus in wild red-crowned parakeets (<i>Cyanoramphus novaezelandiae</i>). <i>Archives of Virology</i> , 2015 , 160, 2283-92	2.6	13
161	Occurrence of a novel mastrevirus in sugarcane germplasm collections in Florida, Guadeloupe and R�union. <i>Virology Journal</i> , 2017 , 14, 146	6.1	13
160	Molecular diversity of turncurtoviruses in Iran. <i>Archives of Virology</i> , 2016 , 161, 551-61	2.6	13
159	Incidence and natural hosts of Tomato leaf curl Palampur virus in Iran. <i>Australasian Plant Pathology</i> , 2013 , 42, 195-203	1.4	13
158	A Gel Filtration-Based Method for the Purification of Infectious Rotavirus Particles for Environmental Research Applications. <i>Food and Environmental Virology</i> , 2013 , 5, 231	4	13
157	Genome Sequences of Poaceae-Associated Gemyrcircularviruses from the Pacific Ocean Island of Tonga. <i>Genome Announcements</i> , 2015 , 3,		13
156	Identification of an Australian-like dicot-infecting mastrevirus in Pakistan. <i>Archives of Virology</i> , 2015 , 160, 825-30	2.6	13
155	Recombination hotspots and host susceptibility modulate the adaptive value of recombination during maize streak virus evolution. <i>BMC Evolutionary Biology</i> , 2011 , 11, 350	3	13
154	New strains of chickpea chlorotic dwarf virus discovered on diseased papaya and tomato plants in Burkina Faso. <i>Archives of Virology</i> , 2017 , 162, 1791-1794	2.6	12
153	Possibility and Challenges of Conversion of Current Virus Species Names to Linnaean Binomials. <i>Systematic Biology</i> , 2017 , 66, 463-473	8.4	12
152	A temperature-sensitive allele of a putative mRNA splicing helicase down-regulates many cell wall genes and causes radial swelling in <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology</i> , 2016 , 91, 1-13	4.6	12
151	Disease screening of three breeding populations of adult exhibition budgerigars (<i>Melopsittacus undulatus</i>) in New Zealand reveals a high prevalence of a novel polyomavirus and avian malaria infection. <i>Avian Diseases</i> , 2014 , 58, 111-7	1.6	12

150	Novel ssDNA viruses discovered in yellow-crowned parakeet (<i>Cyanoramphus auriceps</i>) nesting material. <i>Archives of Virology</i> , 2013 , 158, 1603-7	2.6	12
149	Characterisation of potato virus Y isolates from Iran. <i>Virus Genes</i> , 2011 , 42, 128-40	2.3	12
148	A novel sugarcane-infecting mastrevirus from South Africa. <i>Archives of Virology</i> , 2009 , 154, 1699-703	2.6	12
147	An investigation into the use of human papillomavirus type 16 virus-like particles as a delivery vector system for foreign proteins: N- and C-terminal fusion of GFP to the L1 and L2 capsid proteins. <i>Archives of Virology</i> , 2008 , 153, 585-9	2.6	12
146	A new African streak virus species from Nigeria. <i>Archives of Virology</i> , 2008 , 153, 1407-10	2.6	12
145	Fish polyomaviruses belong to two distinct evolutionary lineages. <i>Journal of General Virology</i> , 2018 , 99, 567-573	4.9	12
144	Genome Sequences of , , and Identified in Leafhoppers. <i>Genome Announcements</i> , 2017 , 5,		11
143	Genomovirus Genomes Recovered from Sampled in Florida, USA. <i>Genome Announcements</i> , 2017 , 5,		11
142	Unravelling the Single-Stranded DNA Virome of the New Zealand Blackfly. <i>Viruses</i> , 2019 , 11,	6.2	11
141	Evidence of age-related improvement in the foraging efficiency of Adlie penguins. <i>Scientific Reports</i> , 2019 , 9, 3375	4.9	11
140	Avihepadnavirus diversity in parrots is comparable to that found amongst all other avian species. <i>Virology</i> , 2013 , 438, 98-105	3.6	11
139	Inducible resistance to maize streak virus. <i>PLoS ONE</i> , 2014 , 9, e105932	3.7	11
138	Recombination patterns in dicot-infecting mastreviruses mirror those found in monocot-infecting mastreviruses. <i>Archives of Virology</i> , 2011 , 156, 1463-9	2.6	11
137	Complete genomic sequences of Tomato yellow leaf curl Mali virus isolates infecting tomato and pepper from the North Province of Cameroon. <i>Archives of Virology</i> , 2009 , 154, 535-40	2.6	11
136	Molecular characterization of faba bean necrotic yellows viruses in Tunisia. <i>Archives of Virology</i> , 2018 , 163, 687-694	2.6	11
135	First World Report of Cucurbit Aphid-Borne Yellows Virus Infecting Passionfruit. <i>Plant Disease</i> , 2018 , 102, 2665-2665	1.5	11
134	Immune protection is dependent on the gut microbiome in a lethal mouse gammaherpesviral infection. <i>Scientific Reports</i> , 2020 , 10, 2371	4.9	10
133	Preliminary surveillance for beak and feather disease virus in wild parrots of New Caledonia: implications of a reservoir species for Ouvea Parakeets. <i>Emu</i> , 2014 , 114, 283-289	1.1	10

132	Novel mastreviruses identified in Australian wild rice. <i>Virus Research</i> , 2017 , 238, 193-197	6.4	10
131	Three-dimensional reconstruction of Heterocapsa circularisquama RNA virus by electron cryo-microscopy. <i>Journal of General Virology</i> , 2011 , 92, 1960-1970	4.9	10
130	Identification of a Novel Adlie Penguin Circovirus at Cape Crozier (Ross Island, Antarctica). <i>Viruses</i> , 2019 , 11,	6.2	10
129	Risk assessment of SARS-CoV-2 in Antarctic wildlife. <i>Science of the Total Environment</i> , 2021 , 755, 143352	10.2	10
128	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2021 , 166, 3513-3566	2.6	10
127	Integrating Viral Metagenomics into an Ecological Framework. <i>Annual Review of Virology</i> , 2021 , 8, 133-158	4.6	10
126	The role of Kenya in the trans-African spread of maize streak virus strain A. <i>Virus Research</i> , 2017 , 232, 69-76	6.4	9
125	Virus Discovery in Desert Tortoise Fecal Samples: Novel Circular Single-Stranded DNA Viruses. <i>Viruses</i> , 2020 , 12,	6.2	9
124	Novel anelloviruses identified in buccal swabs of Antarctic fur seals. <i>Virus Genes</i> , 2018 , 54, 719-723	2.3	9
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122	Symptom evolution following the emergence of maize streak virus. <i>ELife</i> , 2020 , 9,	8.9	9
121	First Report of Maize streak virus Field Infection of Sugarcane in South Africa. <i>Plant Disease</i> , 2008 , 92, 982	1.5	9
120	Analysis of watermelon chlorotic stunt virus and tomato leaf curl Palampur virus mixed and pseudo-recombination infections. <i>Virus Genes</i> , 2015 , 51, 408-16	2.3	8
119	Genomoviruses associated with mountain and western pine beetles. <i>Virus Research</i> , 2018 , 256, 17-20	6.4	8
118	A novel maize-infecting mastrevirus from La Réunion Island. <i>Archives of Virology</i> , 2012 , 157, 1617-21	2.6	8
117	Eragrostis minor streak virus: an Asian streak virus in Africa. <i>Archives of Virology</i> , 2011 , 156, 1299-303	2.6	8
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115	Transmission of the Bean-Associated Cytorhabdovirus by the Whitefly MEAM1. <i>Viruses</i> , 2020 , 12,	6.2	8

114	Size exclusion-based purification and PCR-based quantitation of MS2 bacteriophage particles for environmental applications. <i>Journal of Virological Methods</i> , 2015 , 213, 135-8	2.6	7
113	Genome Sequence of a Diverse Goose Circovirus Recovered from Greylag Goose. <i>Genome Announcements</i> , 2015 , 3,		7
112	Frequent cross-species transmissions of foamy virus between domestic and wild felids. <i>Virus Evolution</i> , 2020 , 6, vez058	3.7	7
111	Comparison of beak and feather disease virus prevalence and immunity-associated genetic diversity over time in an island population of red-crowned parakeets. <i>Archives of Virology</i> , 2016 , 161, 811-20	2.6	7
110	Diverse genomoviruses representing eight new and one known species identified in feces and nests of house finches (<i>Haemorhous mexicanus</i>). <i>Archives of Virology</i> , 2019 , 164, 2345-2350	2.6	7
109	Molecular characterization and field survey of Iranian potato virus X isolates. <i>VirusDisease</i> , 2014 , 25, 338-44	3.4	7
108	Characterization of Iranian Tomato aspermy virus isolates with a variant 2b gene sequence. <i>Tropical Plant Pathology</i> , 2017 , 42, 475-484	2.5	7
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106	Unveiling Crucivirus Diversity by Mining Metagenomic Data. <i>MBio</i> , 2020 , 11,	7.8	7
105	A rapid assessment of wastewater for genomic surveillance of SARS-CoV-2 variants at sewershed scale in Louisville, KY 2021 ,		7
104	Molecular Epidemiology of Citrus Leprosis Virus C: A New Viral Lineage and Phylodynamic of the Main Viral Subpopulations in the Americas. <i>Frontiers in Microbiology</i> , 2021 , 12, 641252	5.7	7
103	Molecular and partial biological characterization of the coat protein sequences of Iranian alfalfa mosaic virus isolates. <i>Journal of Plant Pathology</i> , 2019 , 101, 735-742	1	6
102	Discovery of the first maize-infecting mastrevirus in the Americas using a vector-enabled metagenomics approach. <i>Archives of Virology</i> , 2018 , 163, 263-267	2.6	6
101	Recombinant Goose Circoviruses Circulating in Domesticated and Wild Geese in Poland. <i>Viruses</i> , 2018 , 10,	6.2	6
100	Incidence and characterization of Potato virus V infections in Iran. <i>VirusDisease</i> , 2014 , 25, 78-84	3.4	6
99	Mapping the distribution of maize streak virus genotypes across the forest and transition zones of Ghana. <i>Archives of Virology</i> , 2015 , 160, 483-92	2.6	6
98	<i>Bromus catharticus</i> striate mosaic virus: a new mastrevirus infecting <i>Bromus catharticus</i> from Australia. <i>Archives of Virology</i> , 2011 , 156, 335-41	2.6	6
97	A novel species of mastrevirus (family Geminiviridae) isolated from <i>Digitaria didactyla</i> grass from Australia. <i>Archives of Virology</i> , 2010 , 155, 1529-34	2.6	6

96	Complete Genome Sequence of a Genomovirus Associated with Common Bean Plant Leaves in Brazil. <i>Genome Announcements</i> , 2016 , 4,		6
95	Predicting the zoonotic capacity of mammals to transmit SARS-CoV-2 2021 ,		6
94	The Westward Journey of Alfalfa Leaf Curl Virus. <i>Viruses</i> , 2018 , 10,	6.2	6
93	Identification of a new turncurtovirus in the leafhopper <i>Circulifer haematoceps</i> and the host plant species <i>Sesamum indicum</i> . <i>Virus Genes</i> , 2018 , 54, 840-845	2.3	6
92	Taxonomic update for mammalian anelloviruses (family Anelloviridae). <i>Archives of Virology</i> , 2021 , 166, 2943-2953	2.6	6
91	Novel Single-Stranded DNA Virus Genomes Recovered from Chimpanzee Feces Sampled from the Mambilla Plateau in Nigeria. <i>Genome Announcements</i> , 2017 , 5,		5
90	Exploring the diversity of Poaceae-infecting mastreviruses on Reunion Island using a viral metagenomics-based approach. <i>Scientific Reports</i> , 2019 , 9, 12716	4.9	5
89	Genome Sequences of Microviruses Associated with. <i>Microbiology Resource Announcements</i> , 2019 , 8,	1.3	5
88	Avian Polyomavirus Genome Sequences Recovered from Parrots in Captive Breeding Facilities in Poland. <i>Genome Announcements</i> , 2015 , 3,		5
87	Adaptive evolution by recombination is not associated with increased mutation rates in Maize streak virus. <i>BMC Evolutionary Biology</i> , 2012 , 12, 252	3	5
86	Differentiating between viruses and virus species by writing their names correctly.. <i>Archives of Virology</i> , 2022 , 167, 1231	2.6	5
85	Perspective on taxonomic classification of uncultivated viruses. <i>Current Opinion in Virology</i> , 2021 , 51, 207-215	7.5	5
84	Tracking harmful chemicals and pathogens using the Human Health Observatory at ASU. <i>Online Journal of Public Health Informatics</i> , 2019 , 11,	0.3	5
83	Author response: Discovery of several thousand highly diverse circular DNA viruses 2020 ,		5
82	Discovery of several thousand highly diverse circular DNA viruses		5
81	Diverse genomoviruses representing twenty-nine species identified associated with plants. <i>Archives of Virology</i> , 2020 , 165, 2891-2901	2.6	5
80	Identification of Circovirus Genome in a Chinstrap Penguin () and Adlie Penguin () on the Antarctic Peninsula. <i>Viruses</i> , 2020 , 12,	6.2	5
79	Novel circular DNA viruses associated with Apiaceae and Poaceae from South Africa and New Zealand. <i>Archives of Virology</i> , 2019 , 164, 237-242	2.6	5

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77	A Novel Divergent Geminivirus Identified in Asymptomatic New World Cactaceae Plants. <i>Viruses</i> , 2020 , 12,	6.2	5
76	Diverse cressdnaviruses and an anellovirus identified in the fecal samples of yellow-bellied marmots. <i>Virology</i> , 2021 , 554, 89-96	3.6	5
75	Turnip leaf curl disease associated with two begomoviruses in south-eastern Iran. <i>Tropical Plant Pathology</i> , 2018 , 43, 165-169	2.5	5
74	Genome Sequence of a Gyrovirus Associated with Ashy Storm-Petrel. <i>Microbiology Resource Announcements</i> , 2018 , 7,	1.3	5
73	Family Genomoviridae: 2021 taxonomy update. <i>Archives of Virology</i> , 2021 , 166, 2911-2926	2.6	5
72	Taxonomic updates for the genus Gyrovirus (family Anelloviridae): recognition of several new members and establishment of species demarcation criteria. <i>Archives of Virology</i> , 2021 , 166, 2937-2942	2.6	5
71	KNEMIDOKOPTINID (EPIDERMLOPTIDAE: KNEMIDOKOPTINAE) MITE INFESTATION IN WILD RED-CROWNED PARAKEETS (CYANORAMPHUS NOVAEZELANDIAE): CORRELATIONS BETWEEN MACROSCOPIC AND MICROSCOPIC FINDINGS. <i>Journal of Wildlife Diseases</i> , 2015 , 51, 651-63	1.3	4
70	Coinfections of Novel Polyomavirus, Anelloviruses and a Recombinant Strain of Myxoma Virus-MYXV-Tol Identified in Iberian Hares. <i>Viruses</i> , 2020 , 12,	6.2	4
69	Genome Sequences of Two Single-Stranded DNA Viruses Identified in. <i>Genome Announcements</i> , 2018 , 6,		4
68	Paspalum striate mosaic virus: an Australian mastrevirus from Paspalum dilatatum. <i>Archives of Virology</i> , 2012 , 157, 193-7	2.6	4
67	Novel nanovirus and associated alphasatellites identified in milk vetch plants with chlorotic dwarf disease in Iran. <i>Virus Research</i> , 2020 , 276, 197830	6.4	4
66	Wastewater Monitoring Raises Privacy and Ethical Considerations. <i>IEEE Transactions on Technology and Society</i> , 2021 , 2, 116-121	5.2	4
65	Taxonomy update for the family Alphasatellitidae: new subfamily, genera, and species. <i>Archives of Virology</i> , 2021 , 166, 3503-3511	2.6	4
64	Comparative analysis of common regions found in babuviruses and alphasatellite molecules. <i>Archives of Virology</i> , 2017 , 162, 849-855	2.6	3
63	Genome Sequence of Cauliflower Mosaic Virus Identified in Earwigs () through a Metagenomic Approach. <i>Genome Announcements</i> , 2017 , 5,		3
62	Viruses representing two new genomovirus species identified in citrus from Tunisia. <i>Archives of Virology</i> , 2020 , 165, 1225-1229	2.6	3
61	Isolation and characterization of a novel geminivirus from parsley. <i>Virus Research</i> , 2020 , 286, 198056	6.4	3

60	Identification and in silico characterisation of defective molecules associated with isolates of banana bunchy top virus. <i>Archives of Virology</i> , 2016 , 161, 1019-26	2.6	3
59	Novel smacoviruses identified in the faeces of two wild felids: North American bobcat and African lion. <i>Archives of Virology</i> , 2019 , 164, 2395-2399	2.6	3
58	High-resolution DNA melt-curve analysis for cost-effective mass screening of pairwise species interactions. <i>Molecular Ecology Resources</i> , 2013 , 13, 908-17	8.4	3
57	Complete genome sequence of a dahlia common mosaic virus isolate from New Zealand. <i>Archives of Virology</i> , 2011 , 156, 2297-301	2.6	3
56	Occurrence of the Israel strain of Tomato yellow leaf curl virus in New Caledonia and Loyalty Islands. <i>New Disease Reports</i> , 2012 , 25, 6-6	1.3	3
55	Genome characterization of cetaceanpox virus from a managed Indo-Pacific bottlenose dolphin (<i>Tursiops aduncus</i>). <i>Virus Research</i> , 2020 , 278, 197861	6.4	3
54	Identification and Distribution of Novel Cressdnaviruses and Circular molecules in Four Penguin Species in South Georgia and the Antarctic Peninsula. <i>Viruses</i> , 2020 , 12,	6.2	3
53	The Vaginal Virome-Balancing Female Genital Tract Bacteriome, Mucosal Immunity, and Sexual and Reproductive Health Outcomes?. <i>Viruses</i> , 2020 , 12,	6.2	3
52	Novel Circoviruses Detected in Feces of Sonoran Felids. <i>Viruses</i> , 2020 , 12,	6.2	3
51	Genome Sequences of Microviruses Identified in Gila Monster Feces. <i>Microbiology Resource Announcements</i> , 2021 , 10,	1.3	3
50	Genome Sequence of a Single-Stranded DNA Virus Identified in Gila Monster Feces. <i>Microbiology Resource Announcements</i> , 2018 , 7,	1.3	3
49	Genomic skimming and nanopore sequencing uncover cryptic hybridization in one of world's most threatened primates. <i>Scientific Reports</i> , 2021 , 11, 17279	4.9	3
48	Wastewater-Based Epidemiology and Long-Read Sequencing to Identify Enterovirus Circulation in Three Municipalities in Maricopa County, Arizona, Southwest United States between June and October 2020. <i>Viruses</i> , 2021 , 13,	6.2	3
47	Agricultural practices drive biological loads, seasonal patterns and potential pathogens in the aerobiome of a mixed-land-use dryland. <i>Science of the Total Environment</i> , 2021 , 798, 149239	10.2	3
46	Pan-Enterovirus Amplicon-Based High-Throughput Sequencing Detects the Complete Capsid of a EVA71 Genotype C1 Variant via Wastewater-Based Epidemiology in Arizona. <i>Viruses</i> , 2021 , 13,	6.2	3
45	Sorghum mastrevirus-associated alphasatellites: new geminalphasatellites associated with an African streak mastrevirus infecting wild Poaceae plants on Reunion Island. <i>Archives of Virology</i> , 2020 , 165, 1925-1928	2.6	2
44	Genome Sequences of Beak and Feather Disease Virus in Urban Rainbow Lorikeets (<i>Trichoglossus haematodus</i>). <i>Genome Announcements</i> , 2015 , 3,		2
43	Genome Sequence of Banana Streak MY Virus from the Pacific Ocean Island of Tonga. <i>Genome Announcements</i> , 2015 , 3,		2

42	Presence and Persistence of Putative Lytic and Temperate Bacteriophages in Vaginal Metagenomes from South African Adolescents.. <i>Viruses</i> , 2021 , 13,	6.2	2
41	First report of Chickpea chlorotic dwarf virus naturally infecting chickpea in Tunisia. <i>New Disease Reports</i> , 2015 , 32, 16-16	1.3	2
40	crAssphage abundance and genomic selective pressure correlate with altered bacterial abundance in the fecal microbiota of South African mother-infant dyads		2
39	Blueberry red ringspot virus genomes from Florida inferred through analysis of blueberry root transcriptomes. <i>Scientific Reports</i> , 2020 , 10, 12043	4.9	2
38	New World Cactaceae Plants Harbor Diverse Geminiviruses. <i>Viruses</i> , 2021 , 13,	6.2	2
37	A Pilot Study Investigating the Dynamics of Pigeon Circovirus Recombination in Domesticated Pigeons Housed in a Single Loft. <i>Viruses</i> , 2021 , 13,	6.2	2
36	Genome Sequences of Microviruses Identified in a Sample from a Sewage Treatment Oxidation Pond. <i>Microbiology Resource Announcements</i> , 2021 , 10,	1.3	2
35	crAssphage genomes identified in fecal samples of an adult and infants with evidence of positive genomic selective pressure within tail protein genes. <i>Virus Research</i> , 2021 , 292, 198219	6.4	2
34	A 2021 taxonomy update for the family Smacoviridae. <i>Archives of Virology</i> , 2021 , 166, 3245-3253	2.6	2
33	A novel lineage of polyomaviruses identified in bark scorpions. <i>Virology</i> , 2021 , 563, 58-63	3.6	2
32	A PCR-Based Retrospective Study for Beak and Feather Disease Virus (BFDV) in Five Wild Populations of Parrots from Australia, Argentina and New Zealand. <i>Diversity</i> , 2022 , 14, 148	2.5	2
31	Novel adenovirus associated with common tern (<i>Sterna hirundo</i>) chicks.. <i>Archives of Virology</i> , 2022 , 167, 659	2.6	1
30	Diet segregation in Adlie penguins: some individuals attempt to overcome colony-induced and annual foraging challenges. <i>Marine Ecology - Progress Series</i> , 2020 , 645, 205-218	2.6	1
29	Adaptation of the polony technique to quantify Gokushovirinae, a diverse group of single-stranded DNA phage. <i>Environmental Microbiology</i> , 2021 , 23, 6622-6636	5.2	1
28	Unveiling Crucivirus Diversity by Mining Metagenomic Data		1
27	Genome Sequences of Novel Torque Teno Viruses Identified in Human Brain Tissue. <i>Microbiology Resource Announcements</i> , 2020 , 9,	1.3	1
26	Occurrence of lettuce chlorosis virus in <i>Passiflora</i> spp. in Brazil. <i>Journal of Plant Pathology</i> , 2021 , 103, 443-447	1	1
25	Genome characterization of parsley severe stunt-associated virus in Iran. <i>Virus Genes</i> , 2021 , 57, 293-301	2.3	1

24	First report of citrus tristeza virus in commercial citrus orchards in Tunisia. <i>Journal of Plant Pathology</i> , 2021 , 103, 1051-1052	1	1
23	Discovery of Known and Novel Viruses in Wild and Cultivated Blueberry in Florida through Viral Metagenomic Approaches. <i>Viruses</i> , 2021 , 13,	6.2	1
22	Circular DNA viruses identified in short-finned pilot whale and orca tissue samples. <i>Virology</i> , 2021 , 559, 156-164	3.6	1
21	Geometric morphometrics and molecular systematics of <i>Xanthocnemis sobrina</i> (McLachlan, 1873) (Odonata: Coenagrionidae) and comparison to its congeners. <i>Zootaxa</i> , 2016 , 4078, 84-120	0.5	1
20	Complete Genome Sequence of a Phapocotavirus Isolated from a Pigeon Cloacal Swab Sample. <i>Microbiology Resource Announcements</i> , 2021 , 10,	1.3	1
19	Identification of novel circovirus and anelloviruses from wolverines using a non-invasive faecal sampling approach. <i>Infection, Genetics and Evolution</i> , 2021 , 93, 104914	4.5	1
18	How virulent are emerging maize-infecting mastreviruses?. <i>Archives of Virology</i> , 2021 , 166, 955-959	2.6	1
17	Viral Aggregation: The Knowns and Unknowns.. <i>Viruses</i> , 2022 , 14,	6.2	1
16	Identification of a Novel Myxoma Virus C7-Like Host Range Factor That Enabled a Species Leap from Rabbits to Hares.. <i>MBio</i> , 2022 , e0346121	7.8	1
15	First report of apple hammerhead viroid infecting Richard Delicious Apple (<i>Malus domestica</i>) in Tunisia. <i>Journal of Plant Pathology</i> , 1	1	0
14	Diverse single-stranded DNA viruses identified in New Zealand (Aotearoa) South Island robin (<i>Petroica australis</i>) fecal samples. <i>Virology</i> , 2022 , 565, 38-51	3.6	0
13	Discovery of novel fish papillomaviruses: From the Antarctic to the commercial fish market. <i>Virology</i> , 2022 , 565, 65-72	3.6	0
12	Identification of the wild and cultivated hosts of wheat dwarf virus and oat dwarf virus in Iran. <i>VirusDisease</i> , 2019 , 30, 545-550	3.4	0
11	First report of barley yellow dwarf virus in maize in Tunisia. <i>Journal of Plant Pathology</i> , 2020 , 102, 227-227		0
10	Use of hemagglutinin and neuraminidase amplicon-based high-throughput sequencing with variant analysis to detect co-infection and resolve identical consensus sequences of seasonal influenza in a university setting. <i>BMC Infectious Diseases</i> , 2021 , 21, 810	4	0
9	Complex evolutionary history of felid anelloviruses. <i>Virology</i> , 2021 , 562, 176-189	3.6	0
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