

Balzs Harrach

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.

92
papers

5,144
citations

35
h-index

70
g-index

107
ext. papers

6,440
ext. citations

4.4
avg, IF

5.79
L-index

#	Paper	IF	Citations
92	Novel adenovirus associated with common tern (<i>Sterna hirundo</i>) chicks.. <i>Archives of Virology</i> , 2022 , 167, 659	2.6	1
91	Genomic characterization of psittacine adenovirus 2, a siadenovirus identified in a moribund African grey parrot (<i>Psittacus erithacus</i>).. <i>Archives of Virology</i> , 2022 , 167, 911	2.6	0
90	ICTV Virus Taxonomy Profile: 2022.. <i>Journal of General Virology</i> , 2022 , 103,	4.9	5
89	Adenoviruses (Adenoviridae) 2021 , 3-16		4
88	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
87	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
86	Taxonomic update for mammalian anelloviruses (family Anelloviridae). <i>Archives of Virology</i> , 2021 , 166, 2943-2953	2.6	6
85	Identification of two novel adenoviruses in smooth-billed ani and tropical screech owl. <i>PLoS ONE</i> , 2020 , 15, e0229415	3.7	5
84	The complete genome sequence of bearded dragon adenovirus 1 harbors three genes encoding proteins of the C-type lectin-like domain superfamily. <i>Infection, Genetics and Evolution</i> , 2020 , 83, 104321 ^{4.5}		3
83	: 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
82	The new scope of virus taxonomy: partitioning the virosphere into 15 hierarchical ranks. <i>Nature Microbiology</i> , 2020 , 5, 668-674	26.6	87
81	Bat-borne polyomaviruses in Europe reveal an evolutionary history of intrahost divergence with horseshoe bats distributed across the African and Eurasian continents. <i>Journal of General Virology</i> , 2020 , 101, 1119-1130	4.9	1
80	Full genome sequence analysis of a novel adenovirus from a captive polar bear (<i>Ursus maritimus</i>). <i>Virus Research</i> , 2020 , 277, 197846	6.4	1
79	Binomial nomenclature for virus species: a consultation. <i>Archives of Virology</i> , 2020 , 165, 519-525	2.6	27
78	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
77	Isolation and complete genome sequence analysis of a novel ovine adenovirus type representing a possible new mastadenovirus species. <i>Archives of Virology</i> , 2019 , 164, 2205-2207	2.6	5
76	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

75	Unconventional gene arrangement and content revealed by full genome analysis of the white sturgeon adenovirus, the single member of the genus Ichtadenovirus. <i>Infection, Genetics and Evolution</i> , 2019 , 75, 103976	4.5	13
74	ICTV Virus Taxonomy Profile: Parvoviridae. <i>Journal of General Virology</i> , 2019 , 100, 367-368	4.9	153
73	Adenoviruses across the animal kingdom: a walk in the zoo. <i>FEBS Letters</i> , 2019 , 593, 3660-3673	3.8	46
72	Polysialic acid is a cellular receptor for human adenovirus 52. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E4264-E4273	11.5	50
71	Ortervirales: New Virus Order Unifying Five Families of Reverse-Transcribing Viruses. <i>Journal of Virology</i> , 2018 , 92,	6.6	56
70	Structure and N-acetylglucosamine binding of the distal domain of mouse adenovirus 2 fibre. <i>Journal of General Virology</i> , 2018 , 99, 1494-1508	4.9	7
69	Adenoviruses of the most ancient primate lineages support the theory on virus-host co-evolution. <i>Acta Veterinaria Hungarica</i> , 2018 , 66, 474-487	1	11
68	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	3.6	187
67	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
66	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	3.6	398
65	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
64	Consensus statement: Virus taxonomy in the age of metagenomics. <i>Nature Reviews Microbiology</i> , 2017 , 15, 161-168	22.2	375
63	ICTV Virus Taxonomy Profile: Ascoviridae. <i>Journal of General Virology</i> , 2017 , 98, 4-5	4.9	31
62	Possibility and Challenges of Conversion of Current Virus Species Names to Linnaean Binomials. <i>Systematic Biology</i> , 2017 , 66, 463-473	8.4	12
61	Development of Novel Adenoviral Vectors to Overcome Challenges Observed With HAdV-5-based Constructs. <i>Molecular Therapy</i> , 2016 , 24, 6-16	11.7	68
60	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
59	Crystal structure of raptor adenovirus 1 fibre head and role of the beta-hairpin in siadenovirus fibre head domains. <i>Virology Journal</i> , 2016 , 13, 106	6.1	5
58	Using the E4orf6-Based E3 Ubiquitin Ligase as a Tool To Analyze the Evolution of Adenoviruses. <i>Journal of Virology</i> , 2016 , 90, 7350-7367	6.6	11

57	Genome analysis of four Old World monkey adenoviruses supports the proposed species classification of primate adenoviruses and reveals signs of possible homologous recombination. <i>Journal of General Virology</i> , 2016 , 97, 1604-1614	4.9	13
56	Detection and partial genetic characterisation of novel avi- and siadenoviruses in racing and fancy pigeons (<i>Columba livia domestica</i>). <i>Acta Veterinaria Hungarica</i> , 2016 , 64, 514-528	1	19
55	Random sampling of the Central European bat fauna reveals the existence of numerous hitherto unknown adenoviruses. <i>Acta Veterinaria Hungarica</i> , 2015 , 63, 508-25	1	26
54	Crystal structure of the fibre head domain of bovine adenovirus 4, a ruminant atadenovirus. <i>Virology Journal</i> , 2015 , 12, 81	6.1	6
53	Structure and Sialyllactose Binding of the Carboxy-Terminal Head Domain of the Fibre from a Siadenovirus, Turkey Adenovirus 3. <i>PLoS ONE</i> , 2015 , 10, e0139339	3.7	20
52	Taxonomy proposal for Old World monkey adenoviruses: characterisation of several non-human, non-ape primate adenovirus lineages. <i>Archives of Virology</i> , 2015 , 160, 3165-77	2.6	17
51	A novel siadenovirus detected in the kidneys and liver of Gouldian finches (<i>Erythura gouldiae</i>). <i>Veterinary Microbiology</i> , 2014 , 172, 35-43	3.3	16
50	Whole-genome sequences of two turkey adenovirus types reveal the existence of two unknown lineages that merit the establishment of novel species within the genus Aviadenovirus. <i>Journal of General Virology</i> , 2014 , 95, 156-170	4.9	24
49	Complete genome sequences of pigeon adenovirus 1 and duck adenovirus 2 extend the number of species within the genus Aviadenovirus. <i>Virology</i> , 2014 , 462-463, 107-14	3.6	33
48	Molecular characterization of a lizard adenovirus reveals the first atadenovirus with two fiber genes and the first adenovirus with either one short or three long fibers per penton. <i>Journal of Virology</i> , 2014 , 88, 11304-14	6.6	29
47	Molecular typing of fowl adenoviruses, isolated in Hungary recently, reveals high diversity. <i>Veterinary Microbiology</i> , 2013 , 167, 357-63	3.3	80
46	Partial characterization of a new adenovirus lineage discovered in testudinoid turtles. <i>Infection, Genetics and Evolution</i> , 2013 , 17, 106-12	4.5	44
45	The first whole genome sequence of a Fowl adenovirus B strain enables interspecies comparisons within the genus Aviadenovirus. <i>Veterinary Microbiology</i> , 2013 , 166, 250-6	3.3	34
44	Crystallization of the C-terminal head domain of the fibre protein from a siadenovirus, turkey adenovirus 3. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013 , 69, 1135-9		7
43	Genome sequence of a waterfowl aviadenovirus, goose adenovirus 4. <i>Journal of General Virology</i> , 2012 , 93, 2457-2465	4.9	31
42	Genome analysis of bat adenovirus 2: indications of interspecies transmission. <i>Journal of Virology</i> , 2012 , 86, 1888-92	6.6	64
41	Genomic and phylogenetic analyses of murine adenovirus 2. <i>Virus Research</i> , 2011 , 160, 128-35	6.4	17
40	Novel adenoviruses and herpesviruses detected in bats. <i>Veterinary Journal</i> , 2011 , 189, 118-21	2.5	49

39	Squirrel adenovirus type 1 in red squirrels (<i>Sciurus vulgaris</i>) in Germany. <i>Veterinary Record</i> , 2011 , 169, 182	0.9	14
38	Comparative analysis of a conserved gene block from the genome of the members of the genus ictalurivirus. <i>Intervirology</i> , 2011 , 54, 282-9	2.5	13
37	Toward an integrated human adenovirus designation system that utilizes molecular and serological data and serves both clinical and fundamental virology. <i>Journal of Virology</i> , 2011 , 85, 5703-4	6.6	28
36	Genomic characterization of human adenovirus 36, a putative obesity agent. <i>Virus Research</i> , 2010 , 149, 152-61	6.4	38
35	Hepatitis and hydropericardium syndrome associated with adenovirus infection in goslings. <i>Acta Veterinaria Hungarica</i> , 2010 , 58, 47-58	1	25
34	Recognition and partial genome characterization by non-specific DNA amplification and PCR of a new siadenovirus species in a sample originating from <i>Parus major</i> , a great tit. <i>Journal of Virological Methods</i> , 2010 , 163, 262-8	2.6	33
33	Evidence of molecular evolution driven by recombination events influencing tropism in a novel human adenovirus that causes epidemic keratoconjunctivitis. <i>PLoS ONE</i> , 2009 , 4, e5635	3.7	166
32	Completion of the genome analysis of snake adenovirus type 1, a representative of the reptilian lineage within the novel genus <i>Atadenovirus</i> . <i>Virus Research</i> , 2008 , 132, 132-9	6.4	39
31	Human adenovirus type 52: a type 41 in disguise?. <i>Journal of Virology</i> , 2008 , 82, 3809; author reply 3809-10	6.6	14
30	Detection of a novel bat gammaherpesvirus in Hungary. <i>Acta Veterinaria Hungarica</i> , 2008 , 56, 529-38	1	21
29	Molecular confirmation of a new herpesvirus from catfish (<i>Ameiurus melas</i>) by testing the performance of a novel PCR method, designed to target the DNA polymerase gene of alloherpesviruses. <i>Archives of Virology</i> , 2008 , 153, 2123-7	2.6	22
28	New adenovirus species found in a patient presenting with gastroenteritis. <i>Journal of Virology</i> , 2007 , 81, 5978-84	6.6	261
27	Investigation of field outbreaks of turkey haemorrhagic enteritis in Hungary. <i>Acta Veterinaria Hungarica</i> , 2007 , 55, 135-49	1	12
26	Phylogenetic analysis of adenovirus sequences. <i>Methods in Molecular Medicine</i> , 2007 , 131, 299-334		16
25	Characterisation of Potato virus Y nnp strain inducing veinal necrosis in pepper: a naturally occurring recombinant strain of PVY. <i>Archives of Virology</i> , 2005 , 150, 709-20	2.6	34
24	Complete genome sequence of simian adenovirus 1: an Old World monkey adenovirus with two fiber genes. <i>Journal of General Virology</i> , 2005 , 86, 1681-1686	4.9	28
23	Detection and analysis of six lizard adenoviruses by consensus primer PCR provides further evidence of a reptilian origin for the atadenoviruses. <i>Journal of Virology</i> , 2004 , 78, 13366-9	6.6	227
22	A parvovirus isolated from royal python (<i>Python regius</i>) is a member of the genus <i>Dependovirus</i> . <i>Journal of General Virology</i> , 2004 , 85, 555-561	4.9	55

21	DNA sequencing and analysis of the right-hand part of the genome of the unique bovine adenovirus type 10. <i>Journal of General Virology</i> , 2004 , 85, 593-601	4.9	26
20	Analysis of the first complete genome sequence of an Old World monkey adenovirus reveals a lineage distinct from the six human adenovirus species. <i>Journal of General Virology</i> , 2004 , 85, 2799-2807	4.9	32
19	Characterisation of Hungarian porcine circovirus 2 genomes associated with PMWS and PDNS cases. <i>Acta Veterinaria Hungarica</i> , 2003 , 51, 551-62	1	25
18	Genetic content and evolution of adenoviruses. <i>Journal of General Virology</i> , 2003 , 84, 2895-2908	4.9	403
17	Morphological and molecular biological studies on intramuscular Myxobolus spp. of cyprinid fish. <i>Journal of Fish Diseases</i> , 2002 , 25, 643-652	2.6	135
16	First molecular evidence for the existence of distinct fish and snake adenoviruses. <i>Journal of Virology</i> , 2002 , 76, 10056-9	6.6	69
15	Molecular confirmation of an adenovirus in brushtail possums (<i>Trichosurus vulpecula</i>). <i>Virus Research</i> , 2002 , 83, 189-95	6.4	51
14	Genomic and phylogenetic analyses of an adenovirus isolated from a corn snake (<i>Elaphe guttata</i>) imply a common origin with members of the proposed new genus <i>Atadenovirus</i> . <i>Journal of General Virology</i> , 2002 , 83, 2403-2410	4.9	53
13	Four new inverted terminal repeat sequences from bovine adenoviruses reveal striking differences in the length and content of the ITRs. <i>Virus Genes</i> , 2001 , 22, 175-9	2.3	21
12	Identification and sequence analysis of the core protein genes of bovine adenovirus 2. <i>Virus Research</i> , 2000 , 70, 25-30	6.4	7
11	DNA sequencing and phylogenetic analysis of the protease gene of ovine adenovirus 3 suggest that adenoviruses of sheep belong to two different genera. <i>Virus Research</i> , 2000 , 66, 79-85	6.4	12
10	DNA sequence of frog adenovirus. <i>Journal of General Virology</i> , 2000 , 81, 2431-2439	4.9	79
9	Phylogenetic Analysis of Adenovirus Sequences 1999 , 309-340		8
8	Sequence, transcriptional analysis, and deletion of the bovine adenovirus type 1 E3 region. <i>Virology</i> , 1998 , 244, 173-85	3.6	11
7	A proposal for a new (third) genus within the family Adenoviridae. <i>Archives of Virology</i> , 1998 , 143, 829-37	2.6	81
6	Sequencing and phylogenetic analysis of the protease gene, and genetic mapping of bovine adenovirus type 10 define its relatedness to other bovine adenoviruses. <i>Virus Research</i> , 1998 , 55, 29-35	6.4	13
5	Close phylogenetic relationship between egg drop syndrome virus, bovine adenovirus serotype 7, and ovine adenovirus strain 287. <i>Virology</i> , 1997 , 229, 302-8	3.6	48
4	Method for small routine laboratories for the detection of satratoxins in straw samples. <i>Mycotoxin Research</i> , 1988 , 4, 20-4	4	1

3	Isolation of macrocyclic and non-macrocyclic trichothecenes (stachybotrys and fusarium toxins) from the Environment of 200 III Sport Horses. <i>Mycotoxin Research</i> , 1987 , 3, 65-8	4	8
2	Identification of "water-soluble" toxins produced by a <i>Stachybotrys atra</i> strain from Finland. <i>Applied and Environmental Microbiology</i> , 1982 , 44, 494-5	4.8	17
1	A screening of wild bird samples enhances our knowledge about the biodiversity of avian adenoviruses. <i>Veterinary Research Communications</i> ,	2.9	0