

# Balázs Harrach

## List of Publications by Year in descending order

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105  
papers

7,672  
citations

81743

39  
h-index

54797

84  
g-index

107  
all docs

107  
docs citations

107  
times ranked

7527  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel adenovirus associated with necrotizing bronchiolitis in a captive reindeer ( <i>Rangifer</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.3	3
2	Novel adenovirus associated with common tern ( <i>Sterna hirundo</i> ) chicks. Archives of Virology, 2022, 167, 659-663.	0.9	2
3	Genomic characterization of psittacine adenovirus 2, a siadenovirus identified in a moribund African grey parrot ( <i>Psittacus erithacus</i> ). Archives of Virology, 2022, 167, 911-916.	0.9	4
4	ICTV Virus Taxonomy Profile: Adenoviridae 2022. Journal of General Virology, 2022, 103, .	1.3	76
5	The genome and phylogenetic analyses of tit siadenoviruses reveal both a novel avian host and viral species. Infection, Genetics and Evolution, 2022, 103, 105326.	1.0	0
6	Adenoviruses (Adenoviridae). , 2021, , 3-16.		9
7	Changes to virus taxonomy and to the International Code of Virus Classification and Nomenclature ratified by the International Committee on Taxonomy of Viruses (2021). Archives of Virology, 2021, 166, 2633-2648.	0.9	219
8	Taxonomic updates for the genus Gyrovirus (family Anelloviridae): recognition of several new members and establishment of species demarcation criteria. Archives of Virology, 2021, 166, 2937-2942.	0.9	18
9	Taxonomic update for mammalian anelloviruses (family Anelloviridae). Archives of Virology, 2021, 166, 2943-2953.	0.9	55
10	Full genome sequence analysis of a novel adenovirus from a captive polar bear ( <i>Ursus maritimus</i> ). Virus Research, 2020, 277, 197846.	1.1	3
11	Binomial nomenclature for virus species: a consultation. Archives of Virology, 2020, 165, 519-525.	0.9	51
12	Changes to virus taxonomy and the Statutes ratified by the International Committee on Taxonomy of Viruses (2020). Archives of Virology, 2020, 165, 2737-2748.	0.9	202
13	Identification of two novel adenoviruses in smooth-billed ani and tropical screech owl. PLoS ONE, 2020, 15, e0229415.	1.1	10
14	The complete genome sequence of bearded dragon adenovirus 1 harbors three genes encoding proteins of the C-type lectin-like domain superfamily. Infection, Genetics and Evolution, 2020, 83, 104321.	1.0	6
15	<i>Cressdnaviricota</i> : a Virus Phylum Unifying Seven Families of Rep-Encoding Viruses with Single-Stranded, Circular DNA Genomes. Journal of Virology, 2020, 94, .	1.5	118
16	The new scope of virus taxonomy: partitioning the virosphere into 15 hierarchical ranks. Nature Microbiology, 2020, 5, 668-674.	5.9	198
17	Bat-borne polyomaviruses in Europe reveal an evolutionary history of intrahost divergence with horseshoe bats distributed across the African and Eurasian continents. Journal of General Virology, 2020, 101, 1119-1130.	1.3	4
18	Unconventional gene arrangement and content revealed by full genome analysis of the white sturgeon adenovirus, the single member of the genus Ichtadenovirus. Infection, Genetics and Evolution, 2019, 75, 103976.	1.0	19

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19	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.	0.9	102
20	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.	0.9	7
21	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.	0.9	257
22	Adenoviruses across the animal kingdom: a walk in the zoo. <i>FEBS Letters</i> , 2019, 593, 3660-3673.	1.3	91
23	ICTV Virus Taxonomy Profile: Parvoviridae. <i>Journal of General Virology</i> , 2019, 100, 367-368.	1.3	312
24	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.	3.3	70
25	Ortervirales: New Virus Order Unifying Five Families of Reverse-Transcribing Viruses. <i>Journal of Virology</i> , 2018, 92, .	1.5	79
26	Professor János Mészáros. <i>Acta Veterinaria Hungarica</i> , 2018, 66, 163-164.	0.2	0
27	Adenoviruses of the most ancient primate lineages support the theory on virus-host co-evolution. <i>Acta Veterinaria Hungarica</i> , 2018, 66, 474-487.	0.2	21
28	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.	0.9	567
29	Structure and N-acetylglucosamine binding of the distal domain of mouse adenovirus 2 fibre. <i>Journal of General Virology</i> , 2018, 99, 1494-1508.	1.3	8
30	50 years of the International Committee on Taxonomy of Viruses: progress and prospects. <i>Archives of Virology</i> , 2017, 162, 1441-1446.	0.9	72
31	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.	0.9	506
32	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.	0.9	285
33	Virus taxonomy in the age of metagenomics. <i>Nature Reviews Microbiology</i> , 2017, 15, 161-168.	13.6	590
34	ICTV Virus Taxonomy Profile: Ascoviridae. <i>Journal of General Virology</i> , 2017, 98, 4-5.	1.3	42
35	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.	0.2	24
36	Ratification vote on taxonomic proposals to the International Committee on Taxonomy of Viruses (2016). <i>Archives of Virology</i> , 2016, 161, 2921-2949.	0.9	263

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37	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.	1.4	6
38	Possibility and Challenges of Conversion of Current Virus Species Names to Linnaean Binomials. <i>Systematic Biology</i> , 2016, 66, syw096.	2.7	17
39	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.	1.5	15
40	Development of Novel Adenoviral Vectors to Overcome Challenges Observed With HAdV-5â€‘based Constructs. <i>Molecular Therapy</i> , 2016, 24, 6-16.	3.7	85
41	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.	1.3	20
42	Random sampling of the Central European bat fauna reveals the existence of numerous hitherto unknown adenoviruses. <i>Acta Veterinaria Hungarica</i> , 2015, 63, 508-525.	0.2	37
43	Crystal structure of the fibre head domain of bovine adenovirus 4, a ruminant atadenovirus. <i>Virology Journal</i> , 2015, 12, 81.	1.4	6
44	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.	1.1	25
45	Taxonomy proposal for Old World monkey adenoviruses: characterisation of several non-human, non-ape primate adenovirus lineages. <i>Archives of Virology</i> , 2015, 160, 3165-3177.	0.9	24
46	Do nonhuman primate or bat adenoviruses pose a risk for human health?. <i>Future Microbiology</i> , 2014, 9, 269-272.	1.0	16
47	A novel siadenovirus detected in the kidneys and liver of Gouldian finches ( <i>Erythura gouldiae</i> ). <i>Veterinary Microbiology</i> , 2014, 172, 35-43.	0.8	22
48	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 <i>Aviadenovirus</i> . <i>Journal of General Virology</i> , 2014, 95, 156-170.	1.3	31
49	Complete genome sequences of pigeon adenovirus 1 and duck adenovirus 2 extend the number of species within the genus <i>Aviadenovirus</i> . <i>Virology</i> , 2014, 462-463, 107-114.	1.1	50
50	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, 11304-11314.	1.5	36
51	Molecular typing of fowl adenoviruses, isolated in Hungary recently, reveals high diversity. <i>Veterinary Microbiology</i> , 2013, 167, 357-363.	0.8	97
52	Partial characterization of a new adenovirus lineage discovered in testudinoid turtles. <i>Infection, Genetics and Evolution</i> , 2013, 17, 106-112.	1.0	55
53	The first whole genome sequence of a Fowl adenovirus B strain enables interspecies comparisons within the genus <i>Aviadenovirus</i> . <i>Veterinary Microbiology</i> , 2013, 166, 250-256.	0.8	41
54	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, 1135-1139.	0.7	7

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55	Genome sequence of a waterfowl aviadenovirus, goose adenovirus 4. <i>Journal of General Virology</i> , 2012, 93, 2457-2465.	1.3	37
56	Genome Analysis of Bat Adenovirus 2: Indications of Interspecies Transmission. <i>Journal of Virology</i> , 2012, 86, 1888-1892.	1.5	74
57	Mastadenovirus. , 2011, , 33-48.		3
58	Aviadenovirus. , 2011, , 13-28.		14
59	Genomic and phylogenetic analyses of murine adenovirus 2. <i>Virus Research</i> , 2011, 160, 128-135.	1.1	21
60	Novel adenoviruses and herpesviruses detected in bats. <i>Veterinary Journal</i> , 2011, 189, 118-121.	0.6	62
61	Squirrel adenovirus type 1 in red squirrels ( <i>Sciurus vulgaris</i> ) in Germany. <i>Veterinary Record</i> , 2011, 169, 182-182.	0.2	18
62	Comparative Analysis of a Conserved Gene Block from the Genome of the Members of the Genus <i>Ictalurivirus</i> . <i>Intervirology</i> , 2011, 54, 282-289.	1.2	17
63	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, 5703-5704.	1.5	40
64	Siadenovirus. , 2011, , 49-56.		1
65	Hepatitis and hydropericardium syndrome associated with adenovirus infection in goslings. <i>Acta Veterinaria Hungarica</i> , 2010, 58, 47-58.	0.2	32
66	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, 262-268.	1.0	41
67	Genomic characterization of human adenovirus 36, a putative obesity agent. <i>Virus Research</i> , 2010, 149, 152-161.	1.1	42
68	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.	1.1	201
69	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, 2123-2127.	0.9	28
70	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, 132-139.	1.1	43
71	Human Adenovirus Type 52: a Type 41 in Disguise?. <i>Journal of Virology</i> , 2008, 82, 3809-3810.	1.5	16
72	Detection of a novel bat gammaherpesvirus in Hungary. <i>Acta Veterinaria Hungarica</i> , 2008, 56, 529-538.	0.2	27

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73	New Adenovirus Species Found in a Patient Presenting with Gastroenteritis. <i>Journal of Virology</i> , 2007, 81, 5978-5984.	1.5	307
74	Investigation of field outbreaks of Turkey haemorrhagic enteritis in Hungary. <i>Acta Veterinaria Hungarica</i> , 2007, 55, 135-149.	0.2	16
75	Phylogenetic Analysis of Adenovirus Sequences. <i>Methods in Molecular Medicine</i> , 2007, 131, 299-334.	0.8	24
76	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, 709-720.	0.9	37
77	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.	1.3	30
78	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, 13366-13369.	1.5	268
79	A parvovirus isolated from royal python ( <i>Python regius</i> ) is a member of the genus Dependovirus. <i>Journal of General Virology</i> , 2004, 85, 555-561.	1.3	62
80	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.	1.3	27
81	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.	1.3	34
82	Genetic content and evolution of adenoviruses. <i>Journal of General Virology</i> , 2003, 84, 2895-2908.	1.3	500
83	Characterisation of Hungarian porcine circovirus 2 genomes associated with PMWS and PDNS cases. <i>Acta Veterinaria Hungarica</i> , 2003, 51, 551-562.	0.2	28
84	First Molecular Evidence for the Existence of Distinct Fish and Snake Adenoviruses. <i>Journal of Virology</i> , 2002, 76, 10056-10059.	1.5	76
85	Molecular confirmation of an adenovirus in brushtail possums ( <i>Trichosurus vulpecula</i> ). <i>Virus Research</i> , 2002, 83, 189-195.	1.1	56
86	Morphological and molecular biological studies on intramuscular Myxobolus spp. of cyprinid fish. <i>Journal of Fish Diseases</i> , 2002, 25, 643-652.	0.9	162
87	Siadenovirus. , 2002, , 29-33.		9
88	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 Atadenovirus. <i>Journal of General Virology</i> , 2002, 83, 2403-2410.	1.3	62
89	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, 175-179.	0.7	22
90	Characterisation of the fiber gene and partial sequence of the early region 4 of bovine adenovirus 2 (Short communication). <i>Acta Veterinaria Hungarica</i> , 2001, 49, 245-252.	0.2	0

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91	Identification and sequence analysis of the core protein genes of bovine adenovirus 2. <i>Virus Research</i> , 2000, 70, 25-30.	1.1	9
92	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.	1.1	15
93	DNA sequence of frog adenovirus. <i>Journal of General Virology</i> , 2000, 81, 2431-2439.	1.3	94
94	Phylogenetic Analysis of Adenovirus Sequences: Proof of the Necessity of Establishing a Third Genus in the Adenoviridae Family. , 1999, , 309-340.		14
95	Sequence, Transcriptional Analysis, and Deletion of the Bovine Adenovirus Type 1 E3 Region. <i>Virology</i> , 1998, 244, 173-185.	1.1	11
96	A proposal for a new (third) genus within the family Adenoviridae. <i>Archives of Virology</i> , 1998, 143, 829-837.	0.9	91
97	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.	1.1	14
98	Close Phylogenetic Relationship between Egg Drop Syndrome Virus, Bovine Adenovirus Serotype 7, and Ovine Adenovirus Strain 287. <i>Virology</i> , 1997, 229, 302-306.	1.1	57
99	Method for small routine laboratories for the detection of satratoxins in straw samples. <i>Mycotoxin Research</i> , 1988, 4, 20-24.	1.3	2
100	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, 65-68.	1.3	9
101	Identification of "Water-Soluble" Toxins Produced by a <i>Stachybotrys atra</i> Strain from Finland. <i>Applied and Environmental Microbiology</i> , 1982, 44, 494-495.	1.4	22
102	Aviadenovirus. , 0, , 9-18.		1
103	Aviadenovirus. , 0, , 9-18.		1
104	Phylogenetic Analysis of Adenovirus Sequences. , 0, , 299-334.		0
105	A screening of wild bird samples enhances our knowledge about the biodiversity of avian adenoviruses. <i>Veterinary Research Communications</i> , 0, , .	0.6	3