

Balázs Harrach

List of Publications by Year in descending order

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105
papers

7,672
citations

81743

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54797

84
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107
all docs

107
docs citations

107
times ranked

7527
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Virus taxonomy in the age of metagenomics. <i>Nature Reviews Microbiology</i> , 2017, 15, 161-168. | 13.6 | 590 |
| 2 | 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 |
| 3 | 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 |
| 4 | Genetic content and evolution of adenoviruses. <i>Journal of General Virology</i> , 2003, 84, 2895-2908. | 1.3 | 500 |
| 5 | ICTV Virus Taxonomy Profile: Parvoviridae. <i>Journal of General Virology</i> , 2019, 100, 367-368. | 1.3 | 312 |
| 6 | New Adenovirus Species Found in a Patient Presenting with Gastroenteritis. <i>Journal of Virology</i> , 2007, 81, 5978-5984. | 1.5 | 307 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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. | 0.9 | 219 |
| 12 | Changes to virus taxonomy and the Statutes ratified by the International Committee on Taxonomy of Viruses (2020). <i>Archives of Virology</i> , 2020, 165, 2737-2748. | 0.9 | 202 |
| 13 | 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 |
| 14 | The new scope of virus taxonomy: partitioning the virosphere into 15 hierarchical ranks. <i>Nature Microbiology</i> , 2020, 5, 668-674. | 5.9 | 198 |
| 15 | Morphological and molecular biological studies on intramuscular <i>Myxobolus</i> spp. of cyprinid fish. <i>Journal of Fish Diseases</i> , 2002, 25, 643-652. | 0.9 | 162 |
| 16 | <i>Cressdnaviricota</i> : a Virus Phylum Unifying Seven Families of Rep-Encoding Viruses with Single-Stranded, Circular DNA Genomes. <i>Journal of Virology</i> , 2020, 94, . | 1.5 | 118 |
| 17 | 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 |
| 18 | Molecular typing of fowl adenoviruses, isolated in Hungary recently, reveals high diversity. <i>Veterinary Microbiology</i> , 2013, 167, 357-363. | 0.8 | 97 |

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|----|--|-----|-----------|
| 19 | DNA sequence of frog adenovirus. <i>Journal of General Virology</i> , 2000, 81, 2431-2439. | 1.3 | 94 |
| 20 | A proposal for a new (third) genus within the family Adenoviridae. <i>Archives of Virology</i> , 1998, 143, 829-837. | 0.9 | 91 |
| 21 | Adenoviruses across the animal kingdom: a walk in the zoo. <i>FEBS Letters</i> , 2019, 593, 3660-3673. | 1.3 | 91 |
| 22 | 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 |
| 23 | Ortervirales: New Virus Order Unifying Five Families of Reverse-Transcribing Viruses. <i>Journal of Virology</i> , 2018, 92, . | 1.5 | 79 |
| 24 | First Molecular Evidence for the Existence of Distinct Fish and Snake Adenoviruses. <i>Journal of Virology</i> , 2002, 76, 10056-10059. | 1.5 | 76 |
| 25 | ICTV Virus Taxonomy Profile: Adenoviridae 2022. <i>Journal of General Virology</i> , 2022, 103, . | 1.3 | 76 |
| 26 | Genome Analysis of Bat Adenovirus 2: Indications of Interspecies Transmission. <i>Journal of Virology</i> , 2012, 86, 1888-1892. | 1.5 | 74 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | Novel adenoviruses and herpesviruses detected in bats. <i>Veterinary Journal</i> , 2011, 189, 118-121. | 0.6 | 62 |
| 31 | 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 |
| 32 | 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 |
| 33 | Molecular confirmation of an adenovirus in brushtail possums (<i>Trichosurus vulpecula</i>). <i>Virus Research</i> , 2002, 83, 189-195. | 1.1 | 56 |
| 34 | Partial characterization of a new adenovirus lineage discovered in testudinoid turtles. <i>Infection, Genetics and Evolution</i> , 2013, 17, 106-112. | 1.0 | 55 |
| 35 | Taxonomic update for mammalian anelloviruses (family Anelloviridae). <i>Archives of Virology</i> , 2021, 166, 2943-2953. | 0.9 | 55 |
| 36 | Binomial nomenclature for virus species: a consultation. <i>Archives of Virology</i> , 2020, 165, 519-525. | 0.9 | 51 |

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|----|---|-----|-----------|
| 37 | 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, 107-114. | 1.1 | 50 |
| 38 | Completion of the genome analysis of snake adenovirus type 1, a representative of the reptilian lineage within the novel genus Atadenovirus. <i>Virus Research</i> , 2008, 132, 132-139. | 1.1 | 43 |
| 39 | Genomic characterization of human adenovirus 36, a putative obesity agent. <i>Virus Research</i> , 2010, 149, 152-161. | 1.1 | 42 |
| 40 | ICTV Virus Taxonomy Profile: Ascoviridae. <i>Journal of General Virology</i> , 2017, 98, 4-5. | 1.3 | 42 |
| 41 | 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 |
| 42 | The first whole genome sequence of a Fowl adenovirus B strain enables interspecies comparisons within the genus Aviadenovirus. <i>Veterinary Microbiology</i> , 2013, 166, 250-256. | 0.8 | 41 |
| 43 | 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 |
| 44 | 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 |
| 45 | Genome sequence of a waterfowl aviadenovirus, goose adenovirus 4. <i>Journal of General Virology</i> , 2012, 93, 2457-2465. | 1.3 | 37 |
| 46 | 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 |
| 47 | 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 |
| 48 | 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 |
| 49 | Hepatitis and hydropericardium syndrome associated with adenovirus infection in goslings. <i>Acta Veterinaria Hungarica</i> , 2010, 58, 47-58. | 0.2 | 32 |
| 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. | 1.3 | 31 |
| 51 | 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 |
| 52 | 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 |
| 53 | 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 |
| 54 | 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 |

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|----|--|-----|-----------|
| 55 | Detection of a novel bat gammaherpesvirus in Hungary. <i>Acta Veterinaria Hungarica</i> , 2008, 56, 529-538. | 0.2 | 27 |
| 56 | 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 |
| 57 | 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 |
| 58 | 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 |
| 59 | Phylogenetic Analysis of Adenovirus Sequences. <i>Methods in Molecular Medicine</i> , 2007, 131, 299-334. | 0.8 | 24 |
| 60 | 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 |
| 61 | 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 |
| 62 | 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 |
| 63 | Genomic and phylogenetic analyses of murine adenovirus 2. <i>Virus Research</i> , 2011, 160, 128-135. | 1.1 | 21 |
| 64 | 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 |
| 65 | 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 |
| 66 | Unconventional gene arrangement and content revealed by full genome analysis of the white sturgeon adenovirus, the single member of the genus <i>Ictaladenovirus</i> . <i>Infection, Genetics and Evolution</i> , 2019, 75, 103976. | 1.0 | 19 |
| 67 | Squirrel adenovirus type 1 in red squirrels (<i>Sciurus vulgaris</i>) in Germany. <i>Veterinary Record</i> , 2011, 169, 182-182. | 0.2 | 18 |
| 68 | Taxonomic updates for the genus <i>Gyrovirus</i> (family <i>Anelloviridae</i>): recognition of several new members and establishment of species demarcation criteria. <i>Archives of Virology</i> , 2021, 166, 2937-2942. | 0.9 | 18 |
| 69 | 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 |
| 70 | Possibility and Challenges of Conversion of Current Virus Species Names to Linnaean Binomials. <i>Systematic Biology</i> , 2016, 66, syw096. | 2.7 | 17 |
| 71 | Investigation of field outbreaks of Turkey haemorrhagic enteritis in Hungary. <i>Acta Veterinaria Hungarica</i> , 2007, 55, 135-149. | 0.2 | 16 |
| 72 | Human Adenovirus Type 52: a Type 41 in Disguise?. <i>Journal of Virology</i> , 2008, 82, 3809-3810. | 1.5 | 16 |

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|----|--|-----|-----------|
| 73 | Do nonhuman primate or bat adenoviruses pose a risk for human health?. <i>Future Microbiology</i> , 2014, 9, 269-272. | 1.0 | 16 |
| 74 | 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 |
| 75 | 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 |
| 76 | 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 |
| 77 | Phylogenetic Analysis of Adenovirus Sequences: Proof of the Necessity of Establishing a Third Genus in the Adenoviridae Family. , 1999, , 309-340. | | 14 |
| 78 | Aviadenovirus. , 2011, , 13-28. | | 14 |
| 79 | Sequence, Transcriptional Analysis, and Deletion of the Bovine Adenovirus Type 1 E3 Region. <i>Virology</i> , 1998, 244, 173-185. | 1.1 | 11 |
| 80 | Identification of two novel adenoviruses in smooth-billed ani and tropical screech owl. <i>PLoS ONE</i> , 2020, 15, e0229415. | 1.1 | 10 |
| 81 | 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 |
| 82 | Identification and sequence analysis of the core protein genes of bovine adenovirus 2. <i>Virus Research</i> , 2000, 70, 25-30. | 1.1 | 9 |
| 83 | Adenoviruses (Adenoviridae). , 2021, , 3-16. | | 9 |
| 84 | Siadenovirus. , 2002, , 29-33. | | 9 |
| 85 | 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 |
| 86 | 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 |
| 87 | 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 |
| 88 | Crystal structure of the fibre head domain of bovine adenovirus 4, a ruminant atadenovirus. <i>Virology Journal</i> , 2015, 12, 81. | 1.4 | 6 |
| 89 | 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 |
| 90 | 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. | 1.0 | 6 |

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|-----|--|-----|-----------|
| 91 | 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. | 1.3 | 4 |
| 92 | 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, 911-916. | 0.9 | 4 |
| 93 | Mastadenovirus. , 2011, , 33-48. | | 3 |
| 94 | Full genome sequence analysis of a novel adenovirus from a captive polar bear (<i>Ursus maritimus</i>). <i>Virus Research</i> , 2020, 277, 197846. | 1.1 | 3 |
| 95 | Novel adenovirus associated with necrotizing bronchiolitis in a captive reindeer (<i>Rangifer</i>) Tj ETQq1 1 0.784314 rgBT /Ovgrlock 10 | 1.3 | 3 |
| 96 | A screening of wild bird samples enhances our knowledge about the biodiversity of avian adenoviruses. <i>Veterinary Research Communications</i> , 0, , . | 0.6 | 3 |
| 97 | Method for small routine laboratories for the detection of satratoxins in straw samples. <i>Mycotoxin Research</i> , 1988, 4, 20-24. | 1.3 | 2 |
| 98 | Novel adenovirus associated with common tern (<i>Sterna hirundo</i>) chicks. <i>Archives of Virology</i> , 2022, 167, 659-663. | 0.9 | 2 |
| 99 | Siadenovirus. , 2011, , 49-56. | | 1 |
| 100 | Aviadenovirus. , 0, , 9-18. | | 1 |
| 101 | Aviadenovirus. , 0, , 9-18. | | 1 |
| 102 | Professor János Mátyás. <i>Acta Veterinaria Hungarica</i> , 2018, 66, 163-164. | 0.2 | 0 |
| 103 | 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 |
| 104 | Phylogenetic Analysis of Adenovirus Sequences. , 0, , 299-334. | | 0 |
| 105 | The genome and phylogenetic analyses of tit siadenoviruses reveal both a novel avian host and viral species. <i>Infection, Genetics and Evolution</i> , 2022, 103, 105326. | 1.0 | 0 |