

# Donata Hoffmann

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

3,046  
citations

201674

27  
h-index

189892

50  
g-index

69  
all docs

69  
docs citations

69  
times ranked

4636  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Enhanced fitness of SARS-CoV-2 variant of concern Alpha but not Beta. <i>Nature</i> , 2022, 602, 307-313.   | 27.8 | 79        |
| 2  | Characterization of a Nigerian Lumpy Skin Disease Virus Isolate after Experimental Infection of Cattle. <i>Pathogens</i> , 2022, 11, 16.  | 2.8  | 14        |
| 3  | Development of a nonhuman primate model for mammalian bornavirus infection. , 2022, 1, .  |      | 5         |
| 4  | Multi-species ELISA for the detection of antibodies against SARS-CoV-2 in animals. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 1779-1785.  | 3.0  | 66        |
| 5  | Assessing the occurrence of the novel zoonotic variegated squirrel bornavirus 1 in captive squirrels in Germany – A prevalence study. <i>Zoonoses and Public Health</i> , 2021, 68, 110-120.  | 2.2  | 1         |
| 6  | SARS-CoV-2 spike D614G change enhances replication and transmission. <i>Nature</i> , 2021, 592, 122-127.  | 27.8 | 440       |
| 7  | Light Sheet Microscopy-Assisted 3D Analysis of SARS-CoV-2 Infection in the Respiratory Tract of the Ferret Model. <i>Viruses</i> , 2021, 13, 529.   | 3.3  | 18        |
| 8  | Egyptian Fruit Bats ( <i>Rousettus aegyptiacus</i> ) Were Resistant to Experimental Inoculation with Avian-Origin Influenza A Virus of Subtype H9N2, But Are Susceptible to Experimental Infection with Bat-Borne H9N2 Virus. <i>Viruses</i> , 2021, 13, 672. | 3.3  | 7         |
| 9  | Experimental SARS-CoV-2 Infection of Bank Voles. <i>Emerging Infectious Diseases</i> , 2021, 27, 1193-1195.   | 4.3  | 21        |
| 10 | The Second Wave of SARS-CoV-2 Circulation – Antibody Detection in the Domestic Cat Population in Germany. <i>Viruses</i> , 2021, 13, 1009.  | 3.3  | 33        |
| 11 | CVnCoV and CV2CoV protect human ACE2 transgenic mice from ancestral B BavPat1 and emerging B.1.351 SARS-CoV-2. <i>Nature Communications</i> , 2021, 12, 4048.   | 12.8 | 45        |
| 12 | Serological Detection of SARS-CoV-2 Antibodies in Naturally-Infected Mink and Other Experimentally-Infected Animals. <i>Viruses</i> , 2021, 13, 1649.   | 3.3  | 8         |
| 13 | Outbreak of a Systemic Form of Camel pox in a Dromedary Herd ( <i>Camelus dromedarius</i> ) in the United Arab Emirates. <i>Viruses</i> , 2021, 13, 1940.   | 3.3  | 9         |
| 14 | Introduction and spread of variegated squirrel bornavirus 1 (VSBV-1) between exotic squirrels and spill-over infections to humans in Germany. <i>Emerging Microbes and Infections</i> , 2021, 10, 602-611.  | 6.5  | 14        |
| 15 | Development of a Safe and Highly Efficient Inactivated Vaccine Candidate against Lumpy Skin Disease Virus. <i>Vaccines</i> , 2021, 9, 4.  | 4.4  | 35        |
| 16 | What a Difference a Gene Makes: Identification of Virulence Factors of Cowpox Virus. <i>Journal of Virology</i> , 2020, 94, .   | 3.4  | 6         |
| 17 | Zoonotic spillover infections with Borna disease virus 1 leading to fatal human encephalitis, 1999 – 2019: an epidemiological investigation. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 467-477.  | 9.1  | 96        |
| 18 | Experimental Infection and Genetic Characterization of Two Different Capripox Virus Isolates in Small Ruminants. <i>Viruses</i> , 2020, 12, 1098.   | 3.3  | 19        |

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|----|---|------|-----------|
| 19 | Age-Dependent Progression of SARS-CoV-2 Infection in Syrian Hamsters. <i>Viruses</i> , 2020, 12, 779.   | 3.3  | 192       |
| 20 | SARS-CoV-2 in fruit bats, ferrets, pigs, and chickens: an experimental transmission study. <i>Lancet Microbe</i> , The, 2020, 1, e218-e225.   | 7.3  | 434       |
| 21 | Experimental Infection of Cattle with SARS-CoV-2. <i>Emerging Infectious Diseases</i> , 2020, 26, 2979-2981.  | 4.3  | 139       |
| 22 | Occurrence of Antibodies against SARS-CoV-2 in the Domestic Cat Population of Germany. <i>Vaccines</i> , 2020, 8, 772.  | 4.4  | 88        |
| 23 | First isolation, <i>in-vivo</i> and genomic characterization of zoonotic variegated squirrel Bornavirus 1 (VSBV-1) isolates. <i>Emerging Microbes and Infections</i> , 2020, 9, 2474-2484.  | 6.5  | 3         |
| 24 | Susceptibility of Raccoon Dogs for Experimental SARS-CoV-2 Infection. <i>Emerging Infectious Diseases</i> , 2020, 26, 2982-2985.  | 4.3  | 142       |
| 25 | Patchy Occurrence of Cowpox Virus in Voles from Germany. <i>Vector-Borne and Zoonotic Diseases</i> , 2020, 20, 471-475.   | 1.5  | 6         |
| 26 | Characterization of Experimental Oro-Nasal Inoculation of Seba's Short-Tailed Bats ( <i>Carollia</i> ) Tj ETQq0 0 0 rgBT <sub>3</sub> / Overlock <sub>10</sub> Tf 50 4  | 3.3  | 5         |
| 27 | In Vivo Characterization of a Bank Vole-Derived Cowpox Virus Isolate in Natural Hosts and the Rat Model. <i>Viruses</i> , 2020, 12, 237.  | 3.3  | 4         |
| 28 | Field Trial Vaccination against Cowpox in Two Alpaca Herds. <i>Viruses</i> , 2020, 12, 234.   | 3.3  | 2         |
| 29 | A modified live bat influenza A virus-based vaccine prototype provides full protection against HPAIV H5N1. <i>Npj Vaccines</i> , 2020, 5, 40.   | 6.0  | 6         |
| 30 | Tick-borne encephalitis virus (TBEV) antibodies in animal sera – occurrence in goat flocks in Germany, longevity and ability to recall immunological information after more than six years. <i>BMC Veterinary Research</i> , 2019, 15, 399.                       | 1.9  | 14        |
| 31 | Distribution of zoonotic variegated squirrel bornavirus 1 in naturally infected variegated and Prevost's squirrels. <i>Scientific Reports</i> , 2019, 9, 11402.   | 3.3  | 3         |
| 32 | Experimental lumpy skin disease virus infection of cattle: comparison of a field strain and a vaccine strain. <i>Archives of Virology</i> , 2019, 164, 2931-2941.   | 2.1  | 48        |
| 33 | Bat influenza viruses transmit among bats but are poorly adapted to non-bat species. <i>Nature Microbiology</i> , 2019, 4, 2298-2309.   | 13.3 | 42        |
| 34 | Common vole ( <i>Microtus arvalis</i> ) and bank vole ( <i>Myodes glareolus</i> ) derived permanent cell lines differ in their susceptibility and replication kinetics of animal and zoonotic viruses. <i>Journal of Virological Methods</i> , 2019, 274, 113729. | 2.1  | 16        |
| 35 | Genetic Characterization and Zoonotic Potential of Highly Pathogenic Avian Influenza Virus A(H5N6/H5N5), Germany, 2017–2018. <i>Emerging Infectious Diseases</i> , 2019, 25, 1973-1976.   | 4.3  | 19        |
| 36 | First detection of TBE virus in ticks and sero-reactivity in goats in a non-endemic region in the southern part of Switzerland (Canton of Ticino). <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 868-874.  | 2.7  | 29        |

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|----|--|------|-----------|
| 37 | MHC class II proteins mediate cross-species entry of bat influenza viruses. <i>Nature</i> , 2019, 567, 109-112.  | 27.8 | 91        |
| 38 | Molecular Detection and Characterization of the First Cowpox Virus Isolate Derived from a Bank Vole. <i>Viruses</i> , 2019, 11, 1075.  | 3.3  | 14        |
| 39 | Establishment of Adequate Functional Cellular Immune Response in Chicks Is Age Dependent. <i>Avian Diseases</i> , 2019, 64, 69.  | 1.0  | 5         |
| 40 | Fatal Encephalitic Borna Disease Virus 1 in Solid-Organ Transplant Recipients. <i>New England Journal of Medicine</i> , 2018, 379, 1377-1379.  | 27.0 | 106       |
| 41 | Occupation-Associated Fatal Limbic Encephalitis Caused by Variegated Squirrel Bornavirus 1, Germany, 2013. <i>Emerging Infectious Diseases</i> , 2018, 24, 978-987.  | 4.3  | 38        |
| 42 | NS Segment of a 1918 Influenza A Virus-Descendent Enhances Replication of H1N1pdm09 and Virus-Induced Cellular Immune Response in Mammalian and Avian Systems. <i>Frontiers in Microbiology</i> , 2018, 9, 526.                                      | 3.5  | 31        |
| 43 | A novel European H5N8 influenza A virus has increased virulence in ducks but low zoonotic potential. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-14.  | 6.5  | 62        |
| 44 | A Dual Motif in the Hemagglutinin of H5N1 Goose/Guangdong-Like Highly Pathogenic Avian Influenza Virus Strains Is Conserved from Their Early Evolution and Increases both Membrane Fusion pH and Virulence. <i>Journal of Virology</i> , 2018, 92, . | 3.4  | 6         |
| 45 | Survey for zoonotic pathogens in Norway rat populations from Europe. <i>Pest Management Science</i> , 2017, 73, 341-348.   | 3.4  | 37        |
| 46 | Multiple detection of zoonotic variegated squirrel bornavirus 1 RNA in different squirrel species suggests a possible unknown origin for the virus. <i>Archives of Virology</i> , 2017, 162, 2747-2754.  | 2.1  | 21        |
| 47 | Classification of Cowpox Viruses into Several Distinct Clades and Identification of a Novel Lineage. <i>Viruses</i> , 2017, 9, 142.  | 3.3  | 81        |
| 48 | Epidemiological Investigations of Four Cowpox Virus Outbreaks in Alpaca Herds, Germany. <i>Viruses</i> , 2017, 9, 344.   | 3.3  | 23        |
| 49 | Goats as sentinel hosts for the detection of tick-borne encephalitis risk areas in the Canton of Valais, Switzerland. <i>BMC Veterinary Research</i> , 2017, 13, 217.  | 1.9  | 32        |
| 50 | Variegated Squirrel Bornavirus 1 in Squirrels, Germany and the Netherlands. <i>Emerging Infectious Diseases</i> , 2017, 23, 477-481.   | 4.3  | 35        |
| 51 | Experimental Cowpox Virus (CPXV) Infections of Bank Voles: Exceptional Clinical Resistance and Variable Reservoir Competence. <i>Viruses</i> , 2017, 9, 391.   | 3.3  | 11        |
| 52 | Efficacy Assessment of Nucleic Acid Decontamination Reagents Used in Molecular Diagnostic Laboratories. <i>PLoS ONE</i> , 2016, 11, e0159274.  | 2.5  | 33        |
| 53 | Riems influenza a typing array (RITA): An RT-qPCR-based low density array for subtyping avian and mammalian influenza a viruses. <i>Scientific Reports</i> , 2016, 6, 27211.   | 3.3  | 110       |
| 54 | Fatal Cowpox Virus Infection in an Aborted Foal. <i>Vector-Borne and Zoonotic Diseases</i> , 2016, 16, 431-433.  | 1.5  | 15        |

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|----|--|-----|-----------|
| 55 | Immunological Competence of Different Domestic Chicken Breeds Against Avian Influenza Infection. <i>Avian Diseases</i> , 2016, 60, 262-268.                              | 1.0 | 11        |
| 56 | Pathogenicity evaluation of neuraminidase-negative H5 and H7 viruses in day-old chicks and adult chicken. <i>Vaccine</i> , 2015, 33, 6997-7001.                          | 3.8 | 3         |
| 57 | Out of the Reservoir: Phenotypic and Genotypic Characterization of a Novel Cowpox Virus Isolated from a Common Vole. <i>Journal of Virology</i> , 2015, 89, 10959-10969. | 3.4 | 39        |
| 58 | Experimental Transmission Studies of SARS-CoV-2 in Fruit Bats, Ferrets, Pigs and Chickens. <i>SSRN Electronic Journal</i> , 0, , .                                       | 0.4 | 19        |