

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	SARS-CoV-2 spike D614G change enhances replication and transmission. <i>Nature</i> , 2021, 592, 122-127.	27.8	440
2	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
3	Age-Dependent Progression of SARS-CoV-2 Infection in Syrian Hamsters. <i>Viruses</i> , 2020, 12, 779.	3.3	192
4	Susceptibility of Raccoon Dogs for Experimental SARS-CoV-2 Infection. <i>Emerging Infectious Diseases</i> , 2020, 26, 2982-2985.	4.3	142
5	Experimental Infection of Cattle with SARS-CoV-2. <i>Emerging Infectious Diseases</i> , 2020, 26, 2979-2981.	4.3	139
6	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
7	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
8	Zoonotic spillover infections with Borna disease virus 1 leading to fatal human encephalitis, 1999â€“2019: an epidemiological investigation. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 467-477.	9.1	96
9	MHC class II proteins mediate cross-species entry of bat influenza viruses. <i>Nature</i> , 2019, 567, 109-112.	27.8	91
10	Occurrence of Antibodies against SARS-CoV-2 in the Domestic Cat Population of Germany. <i>Vaccines</i> , 2020, 8, 772.	4.4	88
11	Classification of Cowpox Viruses into Several Distinct Clades and Identification of a Novel Lineage. <i>Viruses</i> , 2017, 9, 142.	3.3	81
12	Enhanced fitness of SARS-CoV-2 variant of concern Alpha but not Beta. <i>Nature</i> , 2022, 602, 307-313.	27.8	79
13	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
14	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
15	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
16	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
17	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
18	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

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19	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
20	Survey for zoonotic pathogens in Norway rat populations from Europe. <i>Pest Management Science</i> , 2017, 73, 341-348.	3.4	37
21	Variegated Squirrel Bornavirus 1 in Squirrels, Germany and the Netherlands. <i>Emerging Infectious Diseases</i> , 2017, 23, 477-481.	4.3	35
22	Development of a Safe and Highly Efficient Inactivated Vaccine Candidate against Lumpy Skin Disease Virus. <i>Vaccines</i> , 2021, 9, 4.	4.4	35
23	Efficacy Assessment of Nucleic Acid Decontamination Reagents Used in Molecular Diagnostic Laboratories. <i>PLoS ONE</i> , 2016, 11, e0159274.	2.5	33
24	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
25	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
26	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
27	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
28	Epidemiological Investigations of Four Cowpox Virus Outbreaks in Alpaca Herds, Germany. <i>Viruses</i> , 2017, 9, 344.	3.3	23
29	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
30	Experimental SARS-CoV-2 Infection of Bank Voles. <i>Emerging Infectious Diseases</i> , 2021, 27, 1193-1195.	4.3	21
31	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
32	Experimental Infection and Genetic Characterization of Two Different Capripox Virus Isolates in Small Ruminants. <i>Viruses</i> , 2020, 12, 1098.	3.3	19
33	Experimental Transmission Studies of SARS-CoV-2 in Fruit Bats, Ferrets, Pigs and Chickens. <i>SSRN Electronic Journal</i> , 0, , .	0.4	19
34	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
35	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
36	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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37	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. BMC Veterinary Research, 2019, 15, 399.	1.9	14
38	Molecular Detection and Characterization of the First Cowpox Virus Isolate Derived from a Bank Vole. Viruses, 2019, 11, 1075.	3.3	14
39	Introduction and spread of variegated squirrel bornavirus 1 (VSBV-1) between exotic squirrels and spill-over infections to humans in Germany. Emerging Microbes and Infections, 2021, 10, 602-611.	6.5	14
40	Characterization of a Nigerian Lumpy Skin Disease Virus Isolate after Experimental Infection of Cattle. Pathogens, 2022, 11, 16.	2.8	14
41	Immunological Competence of Different Domestic Chicken Breeds Against Avian Influenza Infection. Avian Diseases, 2016, 60, 262-268.	1.0	11
42	Experimental Cowpox Virus (CPXV) Infections of Bank Voles: Exceptional Clinical Resistance and Variable Reservoir Competence. Viruses, 2017, 9, 391.	3.3	11
43	Outbreak of a Systemic Form of Camel pox in a Dromedary Herd (Camelus dromedarius) in the United Arab Emirates. Viruses, 2021, 13, 1940.	3.3	9
44	Serological Detection of SARS-CoV-2 Antibodies in Naturally-Infected Mink and Other Experimentally-Infected Animals. Viruses, 2021, 13, 1649.	3.3	8
45	Egyptian Fruit Bats (Rousettus aegyptiacus) 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. Viruses, 2021, 13, 672.	3.3	7
46	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. Journal of Virology, 2018, 92, .	3.4	6
47	What a Difference a Gene Makes: Identification of Virulence Factors of Cowpox Virus. Journal of Virology, 2020, 94, .	3.4	6
48	Patchy Occurrence of Cowpox Virus in Voles from Germany. Vector-Borne and Zoonotic Diseases, 2020, 20, 471-475.	1.5	6
49	A modified live bat influenza A virus-based vaccine prototype provides full protection against HPAIV H5N1. Npj Vaccines, 2020, 5, 40.	6.0	6
50	Characterization of Experimental Oro-Nasal Inoculation of Seba's Short-Tailed Bats (Carollia Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 2	3.3	5
51	Establishment of Adequate Functional Cellular Immune Response in Chicks Is Age Dependent. Avian Diseases, 2019, 64, 69.	1.0	5
52	Development of a nonhuman primate model for mammalian bornavirus infection. , 2022, 1, .		5
53	In Vivo Characterization of a Bank Vole-Derived Cowpox Virus Isolate in Natural Hosts and the Rat Model. Viruses, 2020, 12, 237.	3.3	4
54	Pathogenicity evaluation of neuraminidase-negative H5 and H7 viruses in day-old chicks and adult chicken. Vaccine, 2015, 33, 6997-7001.	3.8	3

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55	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
56	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
57	Field Trial Vaccination against Cowpox in Two Alpaca Herds. <i>Viruses</i> , 2020, 12, 234.	3.3	2
58	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