

Sebastian Ulbert

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,515
citations

304743

22
h-index

330143

37
g-index

52
all docs

52
docs citations

52
times ranked

2521
citing authors

#	ARTICLE	IF	CITATIONS
1	High Zika Virus Seroprevalence in Salvador, Northeastern Brazil Limits the Potential for Further Outbreaks. <i>MBio</i> , 2017, 8, .	4.1	183
2	Recent progress in West Nile virus diagnosis and vaccination. <i>Veterinary Research</i> , 2012, 43, 16.	3.0	125
3	Direct membrane protein-DNA interactions required early in nuclear envelope assembly. <i>Journal of Cell Biology</i> , 2006, 173, 469-476.	5.2	102
4	Improvement of DNA vaccination by adjuvants and sophisticated delivery devices: vaccine-platforms for the battle against infectious diseases. <i>Clinical and Experimental Vaccine Research</i> , 2015, 4, 1.	2.2	78
5	West Nile virus vaccines – current situation and future directions. <i>Human Vaccines and Immunotherapeutics</i> , 2019, 15, 2337-2342.	3.3	68
6	The inner nuclear membrane protein Lem2 is critical for normal nuclear envelope morphology. <i>FEBS Letters</i> , 2006, 580, 6435-6441.	2.8	56
7	The Prevalence of <i>Coxiella burnetii</i> in Hard Ticks in Europe and Their Role in Q Fever Transmission Revisited – A Systematic Review. <i>Frontiers in Veterinary Science</i> , 2021, 8, 655715.	2.2	53
8	AUF1 p45 Promotes West Nile Virus Replication by an RNA Chaperone Activity That Supports Cyclization of the Viral Genome. <i>Journal of Virology</i> , 2014, 88, 11586-11599.	3.4	49
9	Uptake and fecal excretion of <i>Coxiella burnetii</i> by <i>Ixodes ricinus</i> and <i>Dermacentor marginatus</i> ticks. <i>Parasites and Vectors</i> , 2020, 13, 75.	2.5	44
10	Isolation of West Nile Virus from Urine Samples of Patients with Acute Infection. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3411-3413.	3.9	41
11	Immunogenicity and Protection Efficacy of a Naked Self-Replicating mRNA-Based Zika Virus Vaccine. <i>Vaccines</i> , 2019, 7, 96.	4.4	40
12	Latest developments and challenges in the diagnosis of human West Nile virus infection. <i>Expert Review of Anti-Infective Therapy</i> , 2015, 13, 327-342.	4.4	39
13	Pathogens Inactivated by Low-Energy-Electron Irradiation Maintain Antigenic Properties and Induce Protective Immune Responses. <i>Viruses</i> , 2016, 8, 319.	3.3	39
14	Correlation of humoral immune responses to different SARS-CoV-2 antigens with virus neutralizing antibodies and symptomatic severity in a German COVID-19 cohort. <i>Emerging Microbes and Infections</i> , 2021, 10, 774-781.	6.5	38
15	Specific detection of dengue and Zika virus antibodies using envelope proteins with mutations in the conserved fusion loop. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-9.	6.5	37
16	A DNA vaccine encoding the E protein of West Nile Virus is protective and can be boosted by recombinant domain DIII. <i>Vaccine</i> , 2011, 29, 6352-6357.	3.8	36
17	West Nile Virus: The Complex Biology of an Emerging Pathogen. <i>Intervirology</i> , 2011, 54, 171-184.	2.8	36
18	Vaccination of Mice Using the West Nile Virus E-Protein in a DNA Prime-Protein Boost Strategy Stimulates Cell-Mediated Immunity and Protects Mice against a Lethal Challenge. <i>PLoS ONE</i> , 2014, 9, e87837.	2.5	32

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19	Distinguishing West Nile virus infection using a recombinant envelope protein with mutations in the conserved fusion-loop. <i>BMC Infectious Diseases</i> , 2014, 14, 246.	2.9	32
20	Matrix-Mâ„¢ adjuvanted envelope protein vaccine protects against lethal lineage 1 and 2 West Nile virus infection in mice. <i>Vaccine</i> , 2014, 32, 800-808.	3.8	28
21	Recombinant Envelope-Proteins with Mutations in the Conserved Fusion Loop Allow Specific Serological Diagnosis of Dengue-Infections. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004218.	3.0	27
22	Differential Shedding and Antibody Kinetics of Zika and Chikungunya Viruses, Brazil. <i>Emerging Infectious Diseases</i> , 2019, 25, 311-315.	4.3	26
23	Evidence for Congenital Zika Virus Infection From Neutralizing Antibody Titers in Maternal Sera, Northeastern Brazil. <i>Journal of Infectious Diseases</i> , 2017, 216, 1501-1504.	4.0	23
24	Experimental Infection of Rhesus Macaques and Common Marmosets with a European Strain of West Nile Virus. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2797.	3.0	19
25	Immunization with an adjuvanted low-energy electron irradiation inactivated respiratory syncytial virus vaccine shows immunoprotective activity in mice. <i>Vaccine</i> , 2018, 36, 1561-1569.	3.8	18
26	Exhaustive TORCH Pathogen Diagnostics Corroborate Zika Virus Etiology of Congenital Malformations in Northeastern Brazil. <i>MSphere</i> , 2018, 3, .	2.9	17
27	Technologies for the development of West Nile virus vaccines. <i>Future Microbiology</i> , 2014, 9, 1221-1232.	2.0	15
28	Specific detection and differentiation of tick-borne encephalitis and West Nile virus induced IgG antibodies in humans and horses. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 1701-1708.	3.0	15
29	Automated application of low energy electron irradiation enables inactivation of pathogen- and cell-containing liquids in biomedical research and production facilities. <i>Scientific Reports</i> , 2020, 10, 12786.	3.3	15
30	Antibody Responses in Humans Infected with Newly Emerging Strains of West Nile Virus in Europe. <i>PLoS ONE</i> , 2013, 8, e66507.	2.5	14
31	Synergistic effects between natural histone mixtures and polyethylenimine in non-viral gene delivery in vitro. <i>International Journal of Pharmaceutics</i> , 2010, 400, 86-95.	5.2	13
32	A method to identify protein antigens of <i>Dermanyssus gallinae</i> for the protection of birds from poultry mites. <i>Parasitology Research</i> , 2016, 115, 2705-2713.	1.6	13
33	Vaccine-Induced Protection of Rhesus Macaques against Plasma Viremia after Intradermal Infection with a European Lineage 1 Strain of West Nile Virus. <i>PLoS ONE</i> , 2014, 9, e112568.	2.5	13
34	Selection and Validation of siRNAs Preventing Uptake and Replication of SARS-CoV-2. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 801870.	4.1	13
35	<i>Eimeria tenella</i> oocysts attenuated by low energy electron irradiation (LEEI) induce protection against challenge infection in chickens. <i>Veterinary Parasitology</i> , 2019, 266, 18-26.	1.8	12
36	Low-Energy Electron Irradiation Efficiently Inactivates the Gram-Negative Pathogen <i>Rodentibacter pneumotropicus</i> – A New Method for the Generation of Bacterial Vaccines with Increased Efficacy. <i>Vaccines</i> , 2020, 8, 113.	4.4	11

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37	Low Energy Electron Irradiation Is a Potent Alternative to Gamma Irradiation for the Inactivation of (CAR-)NK-92 Cells in ATMP Manufacturing. <i>Frontiers in Immunology</i> , 2021, 12, 684052.	4.8	11
38	A Recombinant Zika Virus Envelope Protein with Mutations in the Conserved Fusion Loop Leads to Reduced Antibody Cross-Reactivity upon Vaccination. <i>Vaccines</i> , 2020, 8, 603.	4.4	10
39	Rapid decline of Zika virus NS1 antigen-specific antibody responses, northeastern Brazil. <i>Virus Genes</i> , 2020, 56, 632-637.	1.6	10
40	Dengue Virus IgM Serotyping by ELISA with Recombinant Mutant Envelope Proteins. <i>Emerging Infectious Diseases</i> , 2019, 25, 1111-1115.	4.3	9
41	Zika Virus Antibody Titers Three Years after Confirmed Infection. <i>Viruses</i> , 2021, 13, 1345.	3.3	7
42	Ecologic Determinants of West Nile Virus Seroprevalence among Equids, Brazil. <i>Emerging Infectious Diseases</i> , 2021, 27, 2466-2470.	4.3	7
43	T Cell Epitope Mapping of the E-Protein of West Nile Virus in BALB/c Mice. <i>PLoS ONE</i> , 2014, 9, e115343.	2.5	7
44	DNA vaccines encoding the envelope protein of West Nile virus lineages 1 or 2 administered intramuscularly, via electroporation and with recombinant virus protein induce partial protection in large falcons (<i>Falco</i> spp.). <i>Veterinary Research</i> , 2015, 46, 87.	3.0	6
45	RNA interference protects horse cells in vitro from infection with Equine Arteritis Virus. <i>Antiviral Research</i> , 2009, 81, 209-216.	4.1	5
46	Multiplex-RT-PCR-ELISA panel for detecting mosquito-borne pathogens: <i>Plasmodium</i> sp. preserved and eluted from dried blood spots on sample cards. <i>Malaria Journal</i> , 2021, 20, 66.	2.3	5
47	Immunization of turkeys with a DNA vaccine expressing the haemagglutinin gene of low pathogenic avian influenza virus subtype H9N2. <i>Journal of Virological Methods</i> , 2020, 284, 113938.	2.1	4
48	Serological differentiation of West Nile virus and Usutu virus induced antibodies by envelope proteins with modified cross-reactive epitopes. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 2779-2787.	3.0	4
49	Low-Energy Electron Irradiation of Tick-Borne Encephalitis Virus Provides a Protective Inactivated Vaccine. <i>Frontiers in Immunology</i> , 2022, 13, 825702.	4.8	4
50	Low-Energy Electron Irradiation (LEEI) for the Generation of Inactivated Bacterial Vaccines. <i>Methods in Molecular Biology</i> , 2022, 2414, 97-113.	0.9	2