Slobodan Paessler

List of Publications by Year
in descending order

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98	3,781	147801	155660
papers	citations	31 h-index	55 g-index

109	109	109	5423
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antiviral activities of type I interferons to SARS-CoV-2 infection. Antiviral Research, 2020, 179, 104811.	4.1	374
2	Encephalitic alphaviruses. Veterinary Microbiology, 2010, 140, 281-286.	1.9	232
3	Pathogenesis of the Viral Hemorrhagic Fevers. Annual Review of Pathology: Mechanisms of Disease, 2013, 8, 411-440.	22.4	229
4	PARP9-DTX3L ubiquitin ligase targets host histone H2BJ and viral 3C protease to enhance interferon signaling and control viral infection. Nature Immunology, 2015, 16, 1215-1227.	14.5	191
5	Recombinant Sindbis/Venezuelan Equine Encephalitis Virus Is Highly Attenuated and Immunogenic. Journal of Virology, 2003, 77, 9278-9286.	3.4	101
6	Neurological Sequelae Resulting from Encephalitic Alphavirus Infection. Frontiers in Microbiology, 2016, 7, 959.	3.5	98
7	Rescue from Cloned cDNAs and In Vivo Characterization of Recombinant Pathogenic Romero and Live-Attenuated Candid #1 Strains of Junin Virus, the Causative Agent of Argentine Hemorrhagic Fever Disease. Journal of Virology, 2011, 85, 1473-1483.	3.4	95
8	Vaccines for Venezuelan equine encephalitis. Vaccine, 2009, 27, D80-D85.	3.8	94
9	Lassa feverâ€“induced sensorineural hearing loss: A neglected public health and social burden. PLoS Neglected Tropical Diseases, 2018, 12, e0006187.	3.0	94
10	Lassa virus isolates from Mali and the Ivory Coast represent an emerging fifth lineage. Frontiers in Microbiology, 2015, 6, 1037.	3.5	77
11	JunÃn Virus Pathogenesis and Virus Replication. Viruses, 2012, 4, 2317-2339.	3.3	72
12	Replication and Clearance of Venezuelan Equine Encephalitis Virus from the Brains of Animals Vaccinated with Chimeric SIN/VEE Viruses. Journal of Virology, 2006, 80, 2784-2796.	3.4	68
13	Animal Model of Sensorineural Hearing Loss Associated with Lassa Virus Infection. Journal of Virology, 2016, 90, 2920-2927.	3.4	67
14	Injectable peramivir mitigates disease and promotes survival in ferrets and mice infected with the highly virulent influenza virus, A/Vietnam/1203/04 (H5N1). Virology, 2008, 374, 198-209.	2.4	66
15	Epidemiology and pathogenesis of Bolivian hemorrhagic fever. Current Opinion in Virology, 2014, 5, 82-90.	5.4	58
16	Merimepodib, an IMPDH inhibitor, suppresses replication of Zika virus and other emerging viral pathogens. Antiviral Research, 2018, 149, 34-40.	4.1	58
17	Review of Mammarenavirus Biology and Replication. Frontiers in Microbiology, 2018, 9, 1751.	3.5	58
18	JunÃn Virus Infection Activates the Type I Interferon Pathway in a RIG-I-Dependent Manner. PLoS Neglected Tropical Diseases, 2012, 6, e1659.	3.0	57

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19	Alpha-beta T cells provide protection against lethal encephalitis in the murine model of VEEV infection. Virology, 2007, 367, 307-323.	2.4	56
20	The DHODH inhibitor PTC299 arrests SARS-CoV-2 replication and suppresses induction of inflammatory cytokines. Virus Research, 2021, 292, 198246.	2.2	53
21	Mice Lacking Functional STAT1 Are Highly Susceptible to Lethal Infection with Lassa Virus. Journal of Virology, 2013, 87, 10908-10911.	3.4	50
22	The Hamster as an Animal Model for Eastern Equine Encephalitisâ€"and Its Use in Studies of Virus Entrance into the Brain. Journal of Infectious Diseases, 2004, 189, 2072-2076.	4.0	49
23	Drug Repurposing for Candidate SARS-CoV-2 Main Protease Inhibitors by a Novel In Silico Method. Molecules, 2020, 25, 3830.	3.8	49
24	Functional Interferon System Is Required for Clearance of Lassa Virus. Journal of Virology, 2012, 86, 3389-3392.	3.4	45
25	Pathogenesis of XJ and Romero Strains of Junin Virus in Two Strains of Guinea Pigs. American Journal of Tropical Medicine and Hygiene, 2008, 79, 275-282.	1.4	45
26	CD4+ T cells provide protection against acute lethal encephalitis caused by Venezuelan equine encephalitis virus. Vaccine, 2009, 27, 4064-4073.	3.8	43
27	Regeneration Profiles of Olfactory Epithelium after SARS-CoV-2 Infection in Golden Syrian Hamsters. ACS Chemical Neuroscience, 2021, 12, 589-595.	3.5	43
28	Highly Pathogenic New World and Old World Human Arenaviruses Induce Distinct Interferon Responses in Human Cells. Journal of Virology, 2015, 89, 7079-7088.	3.4	41
29	Vaccine-elicited receptor-binding site antibodies neutralize two New World hemorrhagic fever arenaviruses. Nature Communications, 2018, 9, 1884.	12.8	40
30	Inhibition of alphavirus infection in cell culture and in mice with antisense morpholino oligomers. Virology, 2008, 376, 357-370.	2.4	37
31	The Glycoprotein Precursor Gene of Junin Virus Determines the Virulence of the Romero Strain and the Attenuation of the Candid #1 Strain in a Representative Animal Model of Argentine Hemorrhagic Fever. Journal of Virology, 2015, 89, 5949-5956.	3.4	37
32	Rescue of a Recombinant Machupo Virus from Cloned cDNAs and In Vivo Characterization in Interferon (Î±Î²/Î³) Receptor Double Knockout Mice. Journal of Virology, 2014, 88, 1914-1923.	3.4	33
33	Hybrid Gene Origination Creates Human-Virus Chimeric Proteins during Infection. Cell, 2020, 181, 1502-1517.e23.	28.9	33
34	Neuropsychological, Neurovirological and Neuroimmune Aspects of Abnormal GABAergic Transmission in HIV Infection. Journal of NeuroImmune Pharmacology, 2016, 11, 279-293.	4.1	29
35	Highly Pathogenic New World Arenavirus Infection Activates the Pattern Recognition Receptor Protein Kinase R without Attenuating Virus Replication in Human Cells. Journal of Virology, 2017, 91, .	3.4	29
36	Lassa virus diversity and feasibility for universal prophylactic vaccine. F1000Research, 2019, 8, 134.	1.6	29

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37	Pathogenesis of XJ and Romero strains of Junin virus in two strains of guinea pigs. American Journal of Tropical Medicine and Hygiene, 2008, 79, 275-82.	1.4	28
38	Recovery of anosmia in hamsters infected with SARS-CoV-2 is correlated with repair of the olfactory epithelium. Scientific Reports, 2022, 12, 628.	3.3	28
39	Absence of an N-Linked Glycosylation Motif in the Glycoprotein of the Live-Attenuated Argentine Hemorrhagic Fever Vaccine, Candid #1, Results in Its Improper Processing, and Reduced Surface Expression. Frontiers in Cellular and Infection Microbiology, 2017, 7, 20.	3.9	27
40	Animal Models of Lassa Fever. Pathogens, 2020, 9, 197.	2.8	27
41	Characterization of lethal dengue virus type 4 (DENV-4) TVP-376 infection in mice lacking both IFN-Î±/Î² and IFN-Î³ receptors (AG129) and comparison with the DENV-2 AG129 mouse model. Journal of General Virology, 2015, 96, 3035-3048.	2.9	27
42	Innate Immune Response to Arenaviral Infection: A Focus on the Highly Pathogenic New World Hemorrhagic Arenaviruses. Journal of Molecular Biology, 2013, 425, 4893-4903.	4.2	25
43	Fentanyl self-administration impacts brain immune responses in male Sprague-Dawley rats. Brain, Behavior, and Immunity, 2020, 87, 725-738.	4.1	25
44	RIG-I Enhanced Interferon Independent Apoptosis upon Junin Virus Infection. PLoS ONE, 2014, 9, e99610.	2.5	24
45	TC83 replicon vectored vaccine provides protection against Junin virus in guinea pigs. Vaccine, 2010, 28, 4713-4718.	3.8	23
46	Machupo Virus Expressing GPC of the Candid#1 Vaccine Strain of Junin Virus Is Highly Attenuated and Immunogenic. Journal of Virology, 2016, 90, 1290-1297.	3.4	23
47	Ibuprofen as a template molecule for drug design against Ebola virus. Frontiers in Bioscience - Landmark, 2018, 23, 947-953.	3.0	23
48	Use of the informational spectrum methodology for rapid biological analysis of the novel coronavirus 2019-nCoV: prediction of potential receptor, natural reservoir, tropism and therapeutic/vaccine target. F1000Research, 0, 9, 52.	1.6	23
49	In silico analysis suggests repurposing of ibuprofen for prevention and treatment of EBOLA virus disease. F1000Research, 2015, 4, 104.	1.6	23
50	Prolonged and extended impacts of SARS-CoV-2 on the olfactory neurocircuit. Scientific Reports, 2022, 12, 5728.	3.3	23
51	Monoclonal Antibodies with Neutralizing Activity and Fc-Effector Functions against the Machupo Virus Glycoprotein. Journal of Virology, 2020, 94, .	3.4	22
52	Lassa Virus, but Not Highly Pathogenic New World Arenaviruses, Restricts Immunostimulatory Double-Stranded RNA Accumulation during Infection. Journal of Virology, 2020, 94, .	3.4	22
53	Ebola Virus and Marburg Virus in Human Milk Are Inactivated by Holder Pasteurization. Journal of Human Lactation, 2017, 33, 351-354.	1.6	21
54	Zika virus infection elicits auto-antibodies to C1q. Scientific Reports, 2018, 8, 1882.	3.3	21

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55	Visualization of Double-Stranded RNA Colocalizing With Pattern Recognition Receptors in Arenavirus Infected Cells. Frontiers in Cellular and Infection Microbiology, 2018, 8, 251.	3.9	20
56	Use of the informational spectrum methodology for rapid biological analysis of the novel coronavirus 2019-nCoV: prediction of potential receptor, natural reservoir, tropism and therapeutic/vaccine target. F1000Research, 2020, 9, 52.	1.6	20
57	Lassa Fever 2016 Outbreak in Plateau State, Nigeriaâ€"The Changing Epidemiology and Clinical Presentation. Frontiers in Public Health, 2018, 6, 232.	2.7	19
58	Adenoviral vector-based vaccine is fully protective against lethal Lassa fever challenge in Hartley guinea pigs. Vaccine, 2019, 37, 6824-6831.	3.8	19
59	Virtual Screen for Repurposing of Drugs for Candidate Influenza a M2 Ion-Channel Inhibitors. Frontiers in Cellular and Infection Microbiology, 2019, 9, 67.	3.9	19
60	Use of the informational spectrum methodology for rapid biological analysis of the novel coronavirus 2019-nCoV: prediction of potential receptor, natural reservoir, tropism and therapeutic/vaccine target. F1000Research, 2020, 9, 52.	1.6	19
61	Rapid, non-invasive imaging of alphaviral brain infection: Reducing animal numbers and morbidity to identify efficacy of potential vaccines and antivirals. Vaccine, 2011, 29, 9345-9351.	3.8	18
62	Potent Inhibition of JunÃn Virus Infection by Interferon in Murine Cells. PLoS Neglected Tropical Diseases, 2014, 8, e2933.	3.0	18
63	A Substitution in the Transmembrane Region of the Glycoprotein Leads to an Unstable Attenuation of Machupo Virus. Journal of Virology, 2014, 88, 10995-10999.	3.4	18
64	Luminore CopperTouch Surface Coating Effectively Inactivates SARS-CoV-2, Ebola Virus, and Marburg Virus In Vitro. Antimicrobial Agents and Chemotherapy, 2021, 65, e0139020.	3.2	18
65	Glycoprotein N-linked glycans play a critical role in arenavirus pathogenicity. PLoS Pathogens, 2021, 17, e1009356.	4.7	16
66	Cocaine evokes a profile of oxidative stress and impacts innate antiviral response pathways in astrocytes. Neuropharmacology, 2018, 135, 431-443.	4.1	15
67	Differential Immune Responses to Hemorrhagic Fever-Causing Arenaviruses. Vaccines, 2019, 7, 138.	4.4	15
68	Ehrlichia chaffeensis TRP120 Is a Wnt Ligand Mimetic That Interacts with Wnt Receptors and Contains a Novel Repetitive Short Linear Motif That Activates Wnt Signaling. MSphere, 2021, 6, .	2.9	15
69	The Ectodomain of Glycoprotein from the Candid#1 Vaccine Strain of Junin Virus Rendered Machupo Virus Partially Attenuated in Mice Lacking IFN-Î±Î²/Î³ Receptor. PLoS Neglected Tropical Diseases, 2016, 10, e0004969.	3.0	14
70	Evolution of 2014/15 H3N2 Influenza Viruses Circulating in US: Consequences for Vaccine Effectiveness and Possible New Pandemic. Frontiers in Microbiology, 2015, 6, 1456.	3.5	13
71	Live, Attenuated Venezuelan Equine Encephalitis Virus Vaccine (TC83) Causes Persistent Brain Infection in Mice with Non-functional Î±Î² T-Cells. Frontiers in Microbiology, 2017, 8, 81.	3.5	12
72	Sequelae of Lassa Fever: Postviral Cerebellar Ataxia. Open Forum Infectious Diseases, 2019, 6, ofz512.	0.9	12

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73	The Glycoprotein of the Live-Attenuated Junin Virus Vaccine Strain Induces Endoplasmic Reticulum Stress and Forms Aggregates prior to Degradation in the Lysosome. Journal of Virology, 2020, 94, .	3.4	12
74	Salicylanilides Reduce SARS-CoV-2 Replication and Suppress Induction of Inflammatory Cytokines in a Rodent Model. ACS Infectious Diseases, 2021, 7, 2229-2237.	3.8	12
75	Prediction of influenza vaccine effectiveness for the influenza season 2017/18 in the US. F1000Research, 2017, 6, 2067.	1.6	12
76	Lassa Virus Reverse Genetics. Methods in Molecular Biology, 2017, 1602, 185-204.	0.9	11
77	Lethal Infection of Lassa Virus Isolated from a Human Clinical Sample in Outbred Guinea Pigs without Adaptation. MSphere, 2019, 4, .	2.9	11
78	Biological Rationale for the Repurposing of BCG Vaccine against SARS-CoV-2. Journal of Proteome Research, 2020, 19, 4649-4654.	3.7	11
79	Ehrlichia SLiM Ligand Mimetic Activates Notch Signaling in Human Monocytes. MBio, 2022, 13, e0007622.	4.1	11
80	Using electronic biology based platform to predict flu vaccine efficacy for 2018/2019. F1000Research, 2018, 7, 298.	1.6	10
81	Ehrlichia SLiM ligand mimetic activates Hedgehog signaling to engage a BCL-2 anti-apoptotic cellular program. PLoS Pathogens, 2022, 18, e1010345.	4.7	10
82	Mouse Model of Neurological Complications Resulting from Encephalitic Alphavirus Infection. Frontiers in Microbiology, 2017, 8, 188.	3.5	9
83	MAVS Is Essential for Primary CD4⁺T Cell Immunity but Not for Recall T Cell Responses following an Attenuated West Nile Virus Infection. Journal of Virology, 2017, 91, .	3.4	8
84	Confocal Imaging of Double-Stranded RNA and Pattern Recognition Receptors in Negative-Sense RNA Virus Infection. Journal of Visualized Experiments, 2019, , .	0.3	8
85	Possible repurposing of seasonal influenza vaccine for prevention of Zika virus infection. F1000Research, 2016, 5, 190.	1.6	8
86	Identification of SARSâ€CoVâ€2 Papainâ€like Protease (PLpro) Inhibitors Using Combined Computational Approach**. ChemistryOpen, 2022, 11, e202100248.	1.9	8
87	Reactive astrogliosis in response to hemorrhagic fever virus: microarray profile of Junin virus-infected human astrocytes. Virology Journal, 2014, 11, 126.	3.4	7
88	A single mutation (V64G) within the RING Domain of Z attenuates Junin virus. PLoS Neglected Tropical Diseases, 2020, 14, e0008555.	3.0	7
89	In vitro efficacy of a copper iodine complex PPE disinfectant for SARS-CoV-2 inactivation. F1000Research, 2020, 9, 674.	1.6	7
90	CD4 T-cell depletion prevents Lassa fever associated hearing loss in the mouse model. PLoS Pathogens, 2022, 18, e1010557.	4.7	6

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91	Current small animal models for LASV hearing loss. Current Opinion in Virology, 2019, 37, 118-122.	5.4	5
92	High heart rate at admission as a predictive factor of mortality in hospitalized patients with Lassa fever: An observational cohort study in Sierra Leone. Journal of Infection, 2020, 80, 671-693.	3.3	5
93	Machupo Virus with Mutations in the Transmembrane Domain and Glycosylation Sites of the Glycoprotein Is Attenuated and Immunogenic in Animal Models of Bolivian Hemorrhagic Fever. Journal of Virology, 2022, , e0020922.	3.4	3
94	Auditory function analysis in immunodeficient STAT1 knock-out mice: Considerations for viral infection models. Neuroscience Letters, 2021, 740, 135427.	2.1	2
95	A simple method for calculation of basic molecular properties of nutrients and their use as a criterion for a healthy diet. F1000Research, 2017, 6, 13.	1.6	2
96	Predicted Enhanced Human Propensity of Current Avian-Like H1N1 Swine Influenza Virus from China. PLoS ONE, 2016, 11, e0165451.	2.5	2
97	In vitro Anti-influenza Activity of in silico Repurposed Candidate Drug Cycrimine. Antiviral Therapy, 2019, 24, 589-593.	1.0	1
98	Simple Chemoinformatics Criterion Using Electron Donor-Acceptor Molecular Characteristics for Selection of Antibiotics Against Multi-Drug-Resistant Bacteria. Discoveries, 2016, 4, e64.	2.3	0