Slobodan Paessler

List of Publications by Year
in descending order

98 papers	3,781 citations	147726 31 h-index	155592 55 g-index
109 all docs	109 docs citations	109 times ranked	5423 citing authors

#	Article	IF	Citations
1	Recovery of anosmia in hamsters infected with SARS-CoV-2 is correlated with repair of the olfactory epithelium. Scientific Reports, 2022, 12, 628.	1.6	28
2	Identification of SARSâ€CoVâ€2 Papainâ€like Protease (PLpro) Inhibitors Using Combined Computational Approach**. ChemistryOpen, 2022, 11, e202100248.	0.9	8
3	Ehrlichia SLiM Ligand Mimetic Activates Notch Signaling in Human Monocytes. MBio, 2022, 13, e0007622.	1.8	11
4	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.	1.5	3
5	Prolonged and extended impacts of SARS-CoV-2 on the olfactory neurocircuit. Scientific Reports, 2022, 12, 5728.	1.6	23
6	Ehrlichia SLiM ligand mimetic activates Hedgehog signaling to engage a BCL-2 anti-apoptotic cellular program. PLoS Pathogens, 2022, 18, e1010345.	2.1	10
7	CD4 T-cell depletion prevents Lassa fever associated hearing loss in the mouse model. PLoS Pathogens, 2022, 18, e1010557.	2.1	6
8	The DHODH inhibitor PTC299 arrests SARS-CoV-2 replication and suppresses induction of inflammatory cytokines. Virus Research, 2021, 292, 198246.	1.1	53
9	Auditory function analysis in immunodeficient STAT1 knock-out mice: Considerations for viral infection models. Neuroscience Letters, 2021, 740, 135427.	1.0	2
10	Regeneration Profiles of Olfactory Epithelium after SARS-CoV-2 Infection in Golden Syrian Hamsters. ACS Chemical Neuroscience, 2021, 12, 589-595.	1.7	43
11	Glycoprotein N-linked glycans play a critical role in arenavirus pathogenicity. PLoS Pathogens, 2021, 17, e1009356.	2.1	16
12	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, .	1.3	15
13	Luminore CopperTouch Surface Coating Effectively Inactivates SARS-CoV-2, Ebola Virus, and Marburg Virus In Vitro. Antimicrobial Agents and Chemotherapy, 2021, 65, e0139020.	1.4	18
14	Salicylanilides Reduce SARS-CoV-2 Replication and Suppress Induction of Inflammatory Cytokines in a Rodent Model. ACS Infectious Diseases, 2021, 7, 2229-2237.	1.8	12
15	Monoclonal Antibodies with Neutralizing Activity and Fc-Effector Functions against the Machupo Virus Glycoprotein. Journal of Virology, 2020, 94, .	1.5	22
16	A single mutation (V64G) within the RING Domain of Z attenuates Junin virus. PLoS Neglected Tropical Diseases, 2020, 14, e0008555.	1.3	7
17	Biological Rationale for the Repurposing of BCG Vaccine against SARS-CoV-2. Journal of Proteome Research, 2020, 19, 4649-4654.	1.8	11
18	Drug Repurposing for Candidate SARS-CoV-2 Main Protease Inhibitors by a Novel In Silico Method. Molecules, 2020, 25, 3830.	1.7	49

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19	Antiviral activities of type I interferons to SARS-CoV-2 infection. Antiviral Research, 2020, 179, 104811.	1.9	374
20	Hybrid Gene Origination Creates Human-Virus Chimeric Proteins during Infection. Cell, 2020, 181, 1502-1517.e23.	13.5	33
21	Fentanyl self-administration impacts brain immune responses in male Sprague-Dawley rats. Brain, Behavior, and Immunity, 2020, 87, 725-738.	2.0	25
22	Animal Models of Lassa Fever. Pathogens, 2020, 9, 197.	1.2	27
23	Lassa Virus, but Not Highly Pathogenic New World Arenaviruses, Restricts Immunostimulatory Double-Stranded RNA Accumulation during Infection. Journal of Virology, 2020, 94, .	1.5	22
24	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.	1.7	5
25	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, .	1.5	12
26	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.	0.8	20
27	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.	0.8	19
28	In vitro efficacy of a copper iodine complex PPE disinfectant for SARS-CoV-2 inactivation. F1000Research, 2020, 9, 674.	0.8	7
29	Current small animal models for LASV hearing loss. Current Opinion in Virology, 2019, 37, 118-122.	2.6	5
30	Adenoviral vector-based vaccine is fully protective against lethal Lassa fever challenge in Hartley guinea pigs. Vaccine, 2019, 37, 6824-6831.	1.7	19
31	Differential Immune Responses to Hemorrhagic Fever-Causing Arenaviruses. Vaccines, 2019, 7, 138.	2.1	15
32	Virtual Screen for Repurposing of Drugs for Candidate Influenza a M2 Ion-Channel Inhibitors. Frontiers in Cellular and Infection Microbiology, 2019, 9, 67.	1.8	19
33	Confocal Imaging of Double-Stranded RNA and Pattern Recognition Receptors in Negative-Sense RNA Virus Infection. Journal of Visualized Experiments, 2019, , .	0.2	8
34	Lethal Infection of Lassa Virus Isolated from a Human Clinical Sample in Outbred Guinea Pigs without Adaptation. MSphere, 2019, 4, .	1.3	11
35	Sequelae of Lassa Fever: Postviral Cerebellar Ataxia. Open Forum Infectious Diseases, 2019, 6, ofz512.	0.4	12
36	Lassa virus diversity and feasibility for universal prophylactic vaccine. F1000Research, 2019, 8, 134.	0.8	29

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37	In vitro Anti-influenza Activity of in silico Repurposed Candidate Drug Cycrimine. Antiviral Therapy, 2019, 24, 589-593.	0.6	1
38	Zika virus infection elicits auto-antibodies to C1q. Scientific Reports, 2018, 8, 1882.	1.6	21
39	Cocaine evokes a profile of oxidative stress and impacts innate antiviral response pathways in astrocytes. Neuropharmacology, 2018, 135, 431-443.	2.0	15
40	Merimepodib, an IMPDH inhibitor, suppresses replication of Zika virus and other emerging viral pathogens. Antiviral Research, 2018, 149, 34-40.	1.9	58
41	Lassa Fever 2016 Outbreak in Plateau State, Nigeriaâ€"The Changing Epidemiology and Clinical Presentation. Frontiers in Public Health, 2018, 6, 232.	1.3	19
42	Vaccine-elicited receptor-binding site antibodies neutralize two New World hemorrhagic fever arenaviruses. Nature Communications, 2018, 9, 1884.	5.8	40
43	Ibuprofen as a template molecule for drug design against Ebola virus. Frontiers in Bioscience - Landmark, 2018, 23, 947-953.	3.0	23
44	Visualization of Double-Stranded RNA Colocalizing With Pattern Recognition Receptors in Arenavirus Infected Cells. Frontiers in Cellular and Infection Microbiology, 2018, 8, 251.	1.8	20
45	Review of Mammarenavirus Biology and Replication. Frontiers in Microbiology, 2018, 9, 1751.	1.5	58
46	Lassa feverâ€"induced sensorineural hearing loss: A neglected public health and social burden. PLoS Neglected Tropical Diseases, 2018, 12, e0006187.	1.3	94
47	Using electronic biology based platform to predict flu vaccine efficacy for 2018/2019. F1000Research, 2018, 7, 298.	0.8	10
48	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, .	1.5	8
49	Lassa Virus Reverse Genetics. Methods in Molecular Biology, 2017, 1602, 185-204.	0.4	11
50	Ebola Virus and Marburg Virus in Human Milk Are Inactivated by Holder Pasteurization. Journal of Human Lactation, 2017, 33, 351-354.	0.8	21
51	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, .	1.5	29
52	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.	1.8	27
53	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.	1.5	12
54	Mouse Model of Neurological Complications Resulting from Encephalitic Alphavirus Infection. Frontiers in Microbiology, 2017, 8, 188.	1.5	9

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55	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.	0.8	2
56	Prediction of influenza vaccine effectiveness for the influenza season 2017/18 in the US. F1000Research, 2017, 6, 2067.	0.8	12
57	Neurological Sequelae Resulting from Encephalitic Alphavirus Infection. Frontiers in Microbiology, 2016, 7, 959.	1.5	98
58	Animal Model of Sensorineural Hearing Loss Associated with Lassa Virus Infection. Journal of Virology, 2016, 90, 2920-2927.	1.5	67
59	Neuropsychological, Neurovirological and Neuroimmune Aspects of Abnormal GABAergic Transmission in HIV Infection. Journal of NeuroImmune Pharmacology, 2016, 11, 279-293.	2.1	29
60	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.	1.5	23
61	Possible repurposing of seasonal influenza vaccine for prevention of Zika virus infection. F1000Research, 2016, 5, 190.	0.8	8
62	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.	1.3	14
63	Predicted Enhanced Human Propensity of Current Avian-Like H1N1 Swine Influenza Virus from China. PLoS ONE, 2016, 11, e0165451.	1.1	2
64	Simple Chemoinformatics Criterion Using Electron Donor-Acceptor Molecular Characteristics for Selection of Antibiotics Against Multi-Drug-Resistant Bacteria. Discoveries, 2016, 4, e64.	1.5	0
65	Lassa virus isolates from Mali and the Ivory Coast represent an emerging fifth lineage. Frontiers in Microbiology, 2015, 6, 1037.	1.5	77
66	Evolution of 2014/15 H3N2 Influenza Viruses Circulating in US: Consequences for Vaccine Effectiveness and Possible New Pandemic. Frontiers in Microbiology, 2015, 6, 1456.	1.5	13
67	Highly Pathogenic New World and Old World Human Arenaviruses Induce Distinct Interferon Responses in Human Cells. Journal of Virology, 2015, 89, 7079-7088.	1.5	41
68	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.	1.5	37
69	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.	7.0	191
70	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.	1.3	27
71	In silico analysis suggests repurposing of ibuprofen for prevention and treatment of EBOLA virus disease. F1000Research, 2015, 4, 104.	0.8	23
72	RIG-I Enhanced Interferon Independent Apoptosis upon Junin Virus Infection. PLoS ONE, 2014, 9, e99610.	1.1	24

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73	Potent Inhibition of JunÃn Virus Infection by Interferon in Murine Cells. PLoS Neglected Tropical Diseases, 2014, 8, e2933.	1.3	18
74	A Substitution in the Transmembrane Region of the Glycoprotein Leads to an Unstable Attenuation of Machupo Virus. Journal of Virology, 2014, 88, 10995-10999.	1.5	18
75	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.	1.5	33
76	Epidemiology and pathogenesis of Bolivian hemorrhagic fever. Current Opinion in Virology, 2014, 5, 82-90.	2.6	58
77	Reactive astrogliosis in response to hemorrhagic fever virus: microarray profile of Junin virus-infected human astrocytes. Virology Journal, 2014, 11, 126.	1.4	7
78	Innate Immune Response to Arenaviral Infection: A Focus on the Highly Pathogenic New World Hemorrhagic Arenaviruses. Journal of Molecular Biology, 2013, 425, 4893-4903.	2.0	25
79	Pathogenesis of the Viral Hemorrhagic Fevers. Annual Review of Pathology: Mechanisms of Disease, 2013, 8, 411-440.	9.6	229
80	Mice Lacking Functional STAT1 Are Highly Susceptible to Lethal Infection with Lassa Virus. Journal of Virology, 2013, 87, 10908-10911.	1.5	50
81	JunÃn Virus Pathogenesis and Virus Replication. Viruses, 2012, 4, 2317-2339.	1.5	72
82	JunÃn Virus Infection Activates the Type I Interferon Pathway in a RIG-I-Dependent Manner. PLoS Neglected Tropical Diseases, 2012, 6, e1659.	1.3	57
83	Functional Interferon System Is Required for Clearance of Lassa Virus. Journal of Virology, 2012, 86, 3389-3392.	1.5	45
84	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.	1.7	18
85	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.	1.5	95
86	Encephalitic alphaviruses. Veterinary Microbiology, 2010, 140, 281-286.	0.8	232
87	TC83 replicon vectored vaccine provides protection against Junin virus in guinea pigs. Vaccine, 2010, 28, 4713-4718.	1.7	23
88	CD4+ T cells provide protection against acute lethal encephalitis caused by Venezuelan equine encephalitis virus. Vaccine, 2009, 27, 4064-4073.	1.7	43
89	Vaccines for Venezuelan equine encephalitis. Vaccine, 2009, 27, D80-D85.	1.7	94
90	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.	1.1	66

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91	Inhibition of alphavirus infection in cell culture and in mice with antisense morpholino oligomers. Virology, 2008, 376, 357-370.	1.1	37
92	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.	0.6	45
93	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.	0.6	28
94	Alpha-beta T cells provide protection against lethal encephalitis in the murine model of VEEV infection. Virology, 2007, 367, 307-323.	1.1	56
95	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.	1.5	68
96	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.	1.9	49
97	Recombinant Sindbis/Venezuelan Equine Encephalitis Virus Is Highly Attenuated and Immunogenic. Journal of Virology, 2003, 77, 9278-9286.	1.5	101
98	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.	0.8	23