Henrik Salje

List of Publications by Year
in descending order

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93	7,452	136950	69250
papers	citations	32 h-index	77 g-index

121	121	121	14496
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Age-specific mortality and immunity patterns of SARS-CoV-2. Nature, 2021, 590, 140-145.	27.8	883
2	Estimating the burden of SARS-CoV-2 in France. Science, 2020, 369, 208-211.	12.6	880
3	Association between Zika virus and microcephaly in French Polynesia, 2013â€“15: a retrospective study. Lancet, The, 2016, 387, 2125-2132.	13.7	793
4	A systematic review of antibody mediated immunity to coronaviruses: kinetics, correlates of protection, and association with severity. Nature Communications, 2020, 11, 4704.	12.8	775
5	Assessing the global threat from Zika virus. Science, 2016, 353, aaf8160.	12.6	311
6	Genomic history of the seventh pandemic of cholera in Africa. Science, 2017, 358, 785-789.	12.6	255
7	Reconstruction of antibody dynamics and infection histories to evaluate dengue risk. Nature, 2018, 557, 719-723.	27.8	213
8	Spread of yellow fever virus outbreak in Angola and the Democratic Republic of the Congo 2015â€“16: a modelling study. Lancet Infectious Diseases, The, 2017, 17, 330-338.	9.1	185
9	Revealing the microscale spatial signature of dengue transmission and immunity in an urban population. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9535-9538.	7.1	126
10	Dengue diversity across spatial and temporal scales: Local structure and the effect of host population size. Science, 2017, 355, 1302-1306.	12.6	126
11	Disparities in influenza mortality and transmission related to sociodemographic factors within Chicago in the pandemic of 1918. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13839-13844.	7.1	123
12	High Rate of Subclinical Chikungunya Virus Infection and Association of Neutralizing Antibody with Protection in a Prospective Cohort in The Philippines. PLoS Neglected Tropical Diseases, 2015, 9, e0003764.	3.0	115
13	Transmission of Nipah Virus â€” 14 Years of Investigations in Bangladesh. New England Journal of Medicine, 2019, 380, 1804-1814.	27.0	114
14	How social structures, space, and behaviors shape the spread of infectious diseases using chikungunya as a case study. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13420-13425.	7.1	100
15	Unraveling the drivers of MERS-CoV transmission. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9081-9086.	7.1	95
16	Viridot: An automated virus plaque (immunofocus) counter for the measurement of serological neutralizing responses with application to dengue virus. PLoS Neglected Tropical Diseases, 2018, 12, e0006862.	3.0	93
17	Long-term circulation of Zika virus in Thailand: an observational study. Lancet Infectious Diseases, The, 2019, 19, 439-446.	9.1	92
18	Convergence of Humans, Bats, Trees, and Culture in Nipah Virus Transmission, Bangladesh. Emerging Infectious Diseases, 2017, 23, 1446-1453.	4.3	76

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19	Reconstruction of 60 Years of Chikungunya Epidemiology in the Philippines Demonstrates Episodic and Focal Transmission. Journal of Infectious Diseases, 2016, 213, 604-610.	4.0	72
20	Seroepidemiologic Study Designs for Determining SARS-COV-2 Transmission and Immunity. Emerging Infectious Diseases, 2020, 26, 1978-1986.	4.3	71
21	Contact structure, mobility, environmental impact and behaviour: the importance of social forces to infectious disease dynamics and disease ecology. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160454.	4.0	61
22	Nationally-representative serostudy of dengue in Bangladesh allows generalizable disease burden estimates. ELife, 2019, 8, .	6.0	58
23	Use of Viremia to Evaluate the Baseline Case Fatality Ratio of Ebola Virus Disease and Inform Treatment Studies: A Retrospective Cohort Study. PLoS Medicine, 2015, 12, e1001908.	8.4	54
24	Monitoring the proportion of the population infected by SARS-CoV-2 using age-stratified hospitalisation and serological data: a modelling study. Lancet Public Health, The, 2021, 6, e408-e415.	10.0	54
25	Seasonal concentrations and determinants of indoor particulate matter in a low-income community in Dhaka, Bangladesh. Environmental Research, 2013, 121, 11-16.	7.5	49
26	Utilization of an Eilat Virus-Based Chimera for Serological Detection of Chikungunya Infection. PLoS Neglected Tropical Diseases, 2015, 9, e0004119.	3.0	48
27	Variability in Dengue Titer Estimates from Plaque Reduction Neutralization Tests Poses a Challenge to Epidemiological Studies and Vaccine Development. PLoS Neglected Tropical Diseases, 2014, 8, e2952.	3.0	46
28	The Importance of Implementation Strategy in Scaling Up Xpert MTB/RIF for Diagnosis of Tuberculosis in the Indian Health-Care System: A Transmission Model. PLoS Medicine, 2014, 11, e1001674.	8.4	42
29	The Spatial Dynamics of Dengue Virus in Kamphaeng Phet, Thailand. PLoS Neglected Tropical Diseases, 2014, 8, e3138.	3.0	41
30	Estimating the Severity and Subclinical Burden of Middle East Respiratory Syndrome Coronavirus Infection in the Kingdom of Saudi Arabia. American Journal of Epidemiology, 2016, 183, 657-663.	3.4	41
31	The Ecology of Nipah Virus in Bangladesh: A Nexus of Land-Use Change and Opportunistic Feeding Behavior in Bats. Viruses, 2021, 13, 169.	3.3	41
32	Challenges in Real-Time Prediction of Infectious Disease: A Case Study of Dengue in Thailand. PLoS Neglected Tropical Diseases, 2016, 10, e0004761.	3.0	39
33	Spatio-temporal dynamics of dengue in Brazil: Seasonal travelling waves and determinants of regional synchrony. PLoS Neglected Tropical Diseases, 2019, 13, e0007012.	3.0	38
34	Dynamics of Japanese Encephalitis Virus Transmission among Pigs in Northwest Bangladesh and the Potential Impact of Pig Vaccination. PLoS Neglected Tropical Diseases, 2014, 8, e3166.	3.0	36
35	Dengue Virus (DENV) Neutralizing Antibody Kinetics in Children After Symptomatic Primary and Postprimary DENV Infection. Journal of Infectious Diseases, 2016, 213, 1428-1435.	4.0	36
36	Seroepidemiology of Human Enterovirus 71 Infection among Children, Cambodia. Emerging Infectious Diseases, 2016, 22, 92-95.	4.3	35

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37	Evolution of outcomes for patients hospitalised during the first 9 months of the SARS-CoV-2 pandemic in France: A retrospective national surveillance data analysis. Lancet Regional Health - Europe, The, 2021, 5, 100087.	5.6	35
38	Antigenic evolution of dengue viruses over 20 years. Science, 2021, 374, 999-1004.	12.6	34
39	Evaluating the impact of curfews and other measures on SARS-CoV-2 transmission in French Guiana. Nature Communications, 2021, 12, 1634.	12.8	33
40	Modeling the Impact of Alternative Strategies for Rapid Molecular Diagnosis of Tuberculosis in Southeast Asia. American Journal of Epidemiology, 2013, 178, 1740-1749.	3.4	31
41	Opportunities for improved surveillance and control of dengue from age-specific case data. ELife, 2019, 8, .	6.0	30
42	Measuring Spatial Dependence for Infectious Disease Epidemiology. PLoS ONE, 2016, 11, e0155249.	2.5	29
43	Micro-Hotspots of Risk in Urban Cholera Epidemics. Journal of Infectious Diseases, 2018, 218, 1164-1168.	4.0	28
44	Seasonal Distribution and Climatic Correlates of Dengue Disease in Dhaka, Bangladesh. American Journal of Tropical Medicine and Hygiene, 2016, 94, 1359-1361.	1.4	27
45	Trends in the Mechanistic and Dynamic Modeling of Infectious Diseases. Current Epidemiology Reports, 2016, 3, 212-222.	2.4	27
46	Vibrio cholerae O1 transmission in Bangladesh: insights from a nationally representative serosurvey. Lancet Microbe, The, 2020, 1, e336-e343.	7.3	27
47	8-OxoA Inhibits the Incision of an AP Site by the DNA Glycosylases Fpg, Nth and the AP Endonuclease HAP1. Radiation Research, 2005, 163, 79-84.	1.5	26
48	Estimating infectious disease transmission distances using the overall distribution of cases. Epidemics, 2016, 17, 10-18.	3.0	26
49	Ongoing diphtheria outbreak in Yemen: a cross-sectional and genomic epidemiology study. Lancet Microbe, The, 2021, 2, e386-e396.	7.3	26
50	Indoor Exposure to Particulate Matter and Age at First Acute Lower Respiratory Infection in a Low-Income Urban Community in Bangladesh. American Journal of Epidemiology, 2014, 179, 967-973.	3.4	25
51	Air pollution dispersion from biomass stoves to neighboring homes in Mirpur, Dhaka, Bangladesh. BMC Public Health, 2019, 19, 425.	2.9	24
52	Emergence and global spread of Listeria monocytogenes main clinical clonal complex. Science Advances, 2021, 7, eabj9805.	10.3	23
53	Evaluating Hospital-Based Surveillance for Outbreak Detection in Bangladesh: Analysis of Healthcare Utilization Data. PLoS Medicine, 2017, 14, e1002218.	8.4	22
54	Impact of Zika Virus Emergence in French Guiana: A Large General Population Seroprevalence Survey. Journal of Infectious Diseases, 2019, 220, 1915-1925.	4.0	22

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55	Global spatial dynamics and vaccine-induced fitness changes of Bordetella pertussis. Science Translational Medicine, 2022, 14, eabn3253.	12.4	22
56	Using healthcare-seeking behaviour to estimate the number of Nipah outbreaks missed by hospital-based surveillance in Bangladesh. International Journal of Epidemiology, 2019, 48, 1219-1227.	1.9	21
57	Reconstructing Mayaro virus circulation in French Guiana shows frequent spillovers. Nature Communications, 2020, 11, 2842.	12.8	21
58	Evaluation of the extended efficacy of the Dengvaxia vaccine against symptomatic and subclinical dengue infection. Nature Medicine, 2021, 27, 1395-1400.	30.7	21
59	Characterization of the Spatial and Temporal Distribution of Nipah Virus Spillover Events in Bangladesh, 2007â€“2013. Journal of Infectious Diseases, 2018, 217, 1390-1394.	4.0	20
60	Pre-existing chikungunya virus neutralizing antibodies correlate with risk of symptomatic infection and subclinical seroconversion in a Philippine cohort. International Journal of Infectious Diseases, 2020, 95, 167-173.	3.3	20
61	Dengue pre-vaccination screening and positive predictive values. Lancet Infectious Diseases, The, 2019, 19, 132-134.	9.1	18
62	Real-Time Assessment of Health-Care Requirements During the Zika Virus Epidemic in Martinique. American Journal of Epidemiology, 2017, 186, 1194-1203.	3.4	16
63	Assessing the role of multiple mechanisms increasing the age of dengue cases in Thailand. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2115790119.	7.1	16
64	A Framework to Monitor Changes in Transmission and Epidemiology of Emerging Pathogens: Lessons From Nipah Virus. Journal of Infectious Diseases, 2020, 221, S363-S369.	4.0	13
65	Reconstructing unseen transmission events to infer dengue dynamics from viral sequences. Nature Communications, 2021, 12, 1810.	12.8	12
66	Effect of change in vaccine schedule on pertussis epidemiology in France: a modelling and serological study. Lancet Infectious Diseases, The, 2022, 22, 265-273.	9.1	12
67	Lockdown impact on age-specific contact patterns and behaviours, France, April 2020. Eurosurveillance, 2021, 26, .	7.0	12
68	Hepatitis E in Bangladesh: Insights From a National Serosurvey. Journal of Infectious Diseases, 2021, 224, S805-S812.	4.0	11
69	Assessing the feasibility of Nipah vaccine efficacy trials based on previous outbreaks in Bangladesh. Vaccine, 2021, 39, 5600-5606.	3.8	11
70	SARS-CoV-2 transmission across age groups in France and implications for control. Nature Communications, 2021, 12, 6895.	12.8	11
71	Elevated transmission of upper respiratory illness among new recruits in military barracks in Thailand. Influenza and Other Respiratory Viruses, 2015, 9, 308-314.	3.4	10
72	Association Between Zika Virus and Microcephaly in French Polynesia, 2013â€“2015. Obstetrical and Gynecological Survey, 2016, 71, 512-514.	0.4	10

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73	Early chains of transmission of COVID-19 in France, January to March 2020. Eurosurveillance, 2022, 27, .	7.0	10
74	Differential mobility and local variation in infection attack rate. PLoS Computational Biology, 2019, 15, e1006600.	3.2	9
75	Assessing Zika Virus Transmission Within Households During an Outbreak in Martinique, 2015â€“2016. American Journal of Epidemiology, 2019, 188, 1389-1396.	3.4	9
76	Long-term persistence of monotypic dengue transmission in small size isolated populations, French Polynesia, 1978-2014. PLoS Neglected Tropical Diseases, 2020, 14, e0008110.	3.0	9
77	Spatial Distribution and Burden of Emerging Arboviruses in French Guiana. Viruses, 2021, 13, 1299.	3.3	9
78	Seroprevalence of anti-SARS-CoV-2 IgG at the first epidemic peak in French Guiana, July 2020. PLoS Neglected Tropical Diseases, 2021, 15, e0009945.	3.0	9
79	Periodic synchronisation of dengue epidemics in Thailand over the last 5 decades driven by temperature and immunity. PLoS Biology, 2022, 20, e3001160.	5.6	8
80	Using serological studies to reconstruct the history of bluetongue epidemic in French cattle under successive vaccination campaigns. Epidemics, 2018, 25, 54-60.	3.0	7
81	Dengue serosurvey after a 2-month long outbreak in NÃ®mes, France, 2015: was there more than met the eye?. Eurosurveillance, 2018, 23, .	7.0	6
82	Individual, Household, and Community Drivers of Dengue Virus Infection Risk in Kamphaeng Phet Province, Thailand. Journal of Infectious Diseases, 2022, 226, 1348-1356.	4.0	6
83	Beneath the surface: Amino acid variation underlying two decades of dengue virus antigenic dynamics in Bangkok, Thailand. PLoS Pathogens, 2022, 18, e1010500.	4.7	5
84	Changing Contact Patterns Over Disease Progression: Nipah Virus as a Case Study. Journal of Infectious Diseases, 2020, 222, 438-442.	4.0	4
85	How modelling can help steer the course set by the World Health Organization 2021-2030 roadmap on neglected tropical diseases. Gates Open Research, 2021, 5, 112.	1.1	4
86	Arthralgia resolution rate following chikungunya virus infection. International Journal of Infectious Diseases, 2021, 112, 1-7.	3.3	4
87	Seroepidemiological Reconstruction of Long-term Chikungunya Virus Circulation in Burkina Faso and Gabon. Journal of Infectious Diseases, 2023, 227, 261-267.	4.0	4
88	Impact of Vaccine Schedule Change on Pertussis Epidemiology in France: A Modelling and Serological Study. SSRN Electronic Journal, 0, , .	0.4	3
89	Lockdown as a last resort option in case of COVID-19 epidemic rebound: a modelling study. Eurosurveillance, 2021, 26, .	7.0	3
90	Comparing the age and sex trajectories of SARS-CoV-2 morbidity and mortality with other respiratory pathogens. Royal Society Open Science, 2022, 9, .	2.4	3

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91	Reply to Shanks and Brundage: Many plausible mechanisms of pandemic mortality disparities. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3588-E3589.	7.1	2
92	Quantifying the localized relationship between vector containment activities and dengue incidence in a real-world setting: A spatial and time series modelling analysis based on geo-located data from Pakistan. PLoS Neglected Tropical Diseases, 2020, 14, e0008273.	3.0	2
93	Comparing insights from clinic-based versus community-based outbreak investigations: a case study of chikungunya in Bangladesh. International Journal of Infectious Diseases, 2020, 97, 306-312.	3.3	1