Sebastian Funk

List of Publications by Year
in descending order

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269 papers	37,463 citations	4831 87 h-index	4741 175 g-index
325 all docs	325 docs citations	325 times ranked	35732 citing authors

#	Article	IF	Citations
1	Comparing trained and untrained probabilistic ensemble forecasts of COVID-19 cases and deaths in the United States. International Journal of Forecasting, 2023, 39, 1366-1383.	3.9	23
2	Inference of the SARS-CoV-2 generation time using UK household data. ELife, 2022, 11, .	2.8	40
3	In Elimination Settings, Measles Antibodies Wane After Vaccination but Not After Infection: A Systematic Review and Meta-Analysis. Journal of Infectious Diseases, 2022, 226, 1127-1139.	1.9	7
4	Quantum gravity phenomenology at the dawn of the multi-messenger eraâ€"A review. Progress in Particle and Nuclear Physics, 2022, 125, 103948.	5.6	175
5	Comparative assessment of methods for short-term forecasts of COVID-19 hospital admissions in England at the local level. BMC Medicine, 2022, 20, 86.	2.3	12
6	Generation time of the alpha and delta SARS-CoV-2 variants: an epidemiological analysis. Lancet Infectious Diseases, The, 2022, 22, 603-610.	4.6	154
7	Changes in social contacts in England during the COVID-19 pandemic between March 2020 and March 2021 as measured by the CoMix survey: A repeated cross-sectional study. PLoS Medicine, 2022, 19, e1003907.	3.9	67
8	The impact of local vaccine coverage and recent incidence on measles transmission in France between 2009 and 2018. BMC Medicine, 2022, 20, 77.	2.3	8
9	Time-resolved hadronic particle acceleration in the recurrent nova RSÂOphiuchi. Science, 2022, 376, 77-80.	6.0	35
10	Comparative analysis of the risks of hospitalisation and death associated with SARS-CoV-2 omicron (B.1.1.529) and delta (B.1.617.2) variants in England: a cohort study. Lancet, The, 2022, 399, 1303-1312.	6.3	889
11	Collaborative Hubs: Making the Most of Predictive Epidemic Modeling. American Journal of Public Health, 2022, 112, 839-842.	1.5	27
12	Evaluation of individual and ensemble probabilistic forecasts of COVID-19 mortality in the United States. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2113561119.	3.3	136
13	Evidence for Î³-ray emission from the remnant of Keplerâ€™s supernova based on deep H.E.S.S. observations. Astronomy and Astrophysics, 2022, 662, A65.	2.1	4
14	The impact of COVID-19 vaccination in prisons in England and Wales: a metapopulation model. BMC Public Health, 2022, 22, 1003.	1.2	4
15	Measuring the unknown: An estimator and simulation study for assessing case reporting during epidemics. PLoS Computational Biology, 2022, 18, e1008800.	1.5	2
16	Transmission dynamics of SARS-CoV-2 in a strictly-Orthodox Jewish community in the UK. Scientific Reports, 2022, 12, .	1.6	0
17	The importance of the generation interval in investigating dynamics and control of new SARS-CoV-2 variants. Journal of the Royal Society Interface, 2022, 19, .	1.5	15
18	The contribution of hospital-acquired infections to the COVID-19 epidemic in England in the first half of 2020. BMC Infectious Diseases, 2022, 22, .	1.3	22

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19	Tailoring Immunization Programmes: using patient file data to explore vaccination uptake and associated factors. Human Vaccines and Immunotherapeutics, 2021, 17, 228-236.	1.4	9
20	Highly targeted spatiotemporal interventions against cholera epidemics, 2000â€“19: a scoping review. Lancet Infectious Diseases, The, 2021, 21, e37-e48.	4.6	19
21	The importance of supplementary immunisation activities to prevent measles outbreaks during the COVID-19 pandemic in Kenya. BMC Medicine, 2021, 19, 35.	2.3	23
22	Implications of the school-household network structure on SARS-CoV-2 transmission under school reopening strategies in England. Nature Communications, 2021, 12, 1942.	5.8	24
23	Detection of the Crab Nebula with the 9.7Âm prototype Schwarzschild-Couder telescope. Astroparticle Physics, 2021, 128, 102562.	1.9	19
24	Quarantine and testing strategies in contact tracing for SARS-CoV-2: a modelling study. Lancet Public Health, The, 2021, 6, e175-e183.	4.7	156
25	Interactions between timing and transmissibility explain diverse flavivirus dynamics in Fiji. Nature Communications, 2021, 12, 1671.	5.8	3
26	H.E.S.S. and MAGIC observations of a sudden cessation of a very-high-energy Î³-ray flare in PKS 1510â˜089 in May 2016. Astronomy and Astrophysics, 2021, 648, A23.	2.1	18
27	Estimated transmissibility and impact of SARS-CoV-2 lineage B.1.1.7 in England. Science, 2021, 372, .	6.0	2,103
28	Search for dark matter annihilation in the Wolf-Lundmark-Melotte dwarf irregular galaxy with H.E.S.S.. Physical Review D, 2021, 103, .	1.6	13
29	Exploring surveillance data biases when estimating the reproduction number: with insights into subpopulation transmission of COVID-19 in England. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200283.	1.8	31
30	The impact of population-wide rapid antigen testing on SARS-CoV-2 prevalence in Slovakia. Science, 2021, 372, 635-641.	6.0	146
31	Interventions targeting non-symptomatic cases can be important to prevent local outbreaks: SARS-CoV-2 as a case study. Journal of the Royal Society Interface, 2021, 18, 20201014.	1.5	25
32	A review and agenda for integrated disease models including social and behavioural factors. Nature Human Behaviour, 2021, 5, 834-846.	6.2	71
33	Revealing x-ray and gamma ray temporal and spectral similarities in the GRB 190829A afterglow. Science, 2021, 372, 1081-1085.	6.0	86
34	Changes in in-hospital mortality in the first wave of COVID-19: a multicentre prospective observational cohort study using the WHO Clinical Characterisation Protocol UK. Lancet Respiratory Medicine,the, 2021, 9, 773-785.	5.2	78
35	Serological Evidence of Widespread Zika Transmission across the Philippines. Viruses, 2021, 13, 1441.	1.5	5
36	The potential health and economic value of SARS-CoV-2 vaccination alongside physical distancing in the UK: a transmission model-based future scenario analysis and economic evaluation. Lancet Infectious Diseases, The, 2021, 21, 962-974.	4.6	117

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37	covidregionaldata: Subnational data for COVID-19 epidemiology. Journal of Open Source Software, 2021, 6, 3290.	2.0	8
38	Search for Dark Matter Annihilation Signals from Unidentified Fermi-LAT Objects with H.E.S.S.. Astrophysical Journal, 2021, 918, 17.	1.6	10
39	LMC N132D: A mature supernova remnant with a power-law gamma-ray spectrum extending beyond 8 TeV. Astronomy and Astrophysics, 2021, 655, A7.	2.1	6
40	TeV Emission of Galactic Plane Sources with HAWC and H.E.S.S.. Astrophysical Journal, 2021, 917, 6.	1.6	15
41	Case-area targeted interventions (CATI) for reactive dengue control: Modelling effectiveness of vector control and prophylactic drugs in Singapore. PLoS Neglected Tropical Diseases, 2021, 15, e0009562.	1.3	3
42	A pre-registered short-term forecasting study of COVID-19 in Germany and Poland during the second wave. Nature Communications, 2021, 12, 5173.	5.8	47
43	Estimating the impact of reopening schools on the reproduction number of SARS-CoV-2 in England, using weekly contact survey data. BMC Medicine, 2021, 19, 233.	2.3	24
44	Hospital-acquired SARS-CoV-2 infection in the UK's first COVID-19 pandemic wave. Lancet, The, 2021, 398, 1037-1038.	6.3	75
45	Epidemiological versus meteorological forecasts: Best practice for linking models to policymaking. International Journal of Forecasting, 2021, 38, 521-521.	3.9	0
46	Contact tracing is an imperfect tool for controlling COVID-19 transmission and relies on population adherence. Nature Communications, 2021, 12, 5412.	5.8	41
47	Searching for TeV Gamma-Ray Emission from SGR 1935+2154 during Its 2020 X-Ray and Radio Bursting Phase. Astrophysical Journal, 2021, 919, 106.	1.6	6
48	Estimating the annual dengue force of infection from the age of reporting primary infections across urban centres in endemic countries. BMC Medicine, 2021, 19, 217.	2.3	6
49	Genomic reconstruction of the SARS-CoV-2 epidemic in England. Nature, 2021, 600, 506-511.	13.7	80
50	A cross-sectional analysis of meteorological factors and SARS-CoV-2 transmission in 409 cities across 26 countries. Nature Communications, 2021, 12, 5968.	5.8	66
51	Within and between classroom transmission patterns of seasonal influenza among primary school students in Matsumoto city, Japan. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	11
52	Estimating contact-adjusted immunity levels against measles in South Korea and prospects for maintaining elimination status. Vaccine, 2020, 38, 107-111.	1.7	6
53	Factors Associated With Measles Transmission in the United States During the Postelimination Era. JAMA Pediatrics, 2020, 174, 56.	3.3	25
54	Choices and trade-offs in inference with infectious disease models. Epidemics, 2020, 30, 100383.	1.5	16

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55	The impact of COVID-19 control measures on social contacts and transmission in Kenyan informal settlements. BMC Medicine, 2020, 18, 316.	2.3	88
56	Estimation of Rift Valley fever virus spillover to humans during the Mayotte 2018â€“2019 epidemic. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24567-24574.	3.3	22
57	Reconstructing the early global dynamics of under-ascertained COVID-19 cases and infections. BMC Medicine, 2020, 18, 332.	2.3	129
58	A serological framework to investigate acute primary and post-primary dengue cases reporting across the Philippines. BMC Medicine, 2020, 18, 364.	2.3	7
59	Routine childhood immunisation during the COVID-19 pandemic in Africa: a benefitâ€“risk analysis of health benefits versus excess risk of SARS-CoV-2 infection. The Lancet Global Health, 2020, 8, e1264-e1272.	2.9	265
60	Effects of non-pharmaceutical interventions on COVID-19 cases, deaths, and demand for hospital services in the UK: a modelling study. Lancet Public Health, The, 2020, 5, e375-e385.	4.7	730
61	Key questions for modelling COVID-19 exit strategies. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201405.	1.2	106
62	Probabilistic reconstruction of measles transmission clusters from routinely collected surveillance data. Journal of the Royal Society Interface, 2020, 17, 20200084.	1.5	7
63	Search for dark matter signals towards a selection of recently detected DES dwarf galaxy satellites of the MilkyÂWay with H.E.S.S.. Physical Review D, 2020, 102, .	1.6	28
64	The effect of travel restrictions on the geographical spread of COVID-19 between large cities in China: a modelling study. BMC Medicine, 2020, 18, 259.	2.3	28
65	Probing the Magnetic Field in the GW170817 Outflow Using H.E.S.S. Observations. Astrophysical Journal Letters, 2020, 894, L16.	3.0	9
66	Effectiveness of isolation, testing, contact tracing, and physical distancing on reducing transmission of SARS-CoV-2 in different settings: a mathematical modelling study. Lancet Infectious Diseases, The, 2020, 20, 1151-1160.	4.6	710
67	Global, regional, and national estimates of the population at increased risk of severe COVID-19 due to underlying health conditions in 2020: a modelling study. The Lancet Global Health, 2020, 8, e1003-e1017.	2.9	760
68	Resolving acceleration to very high energies along the jet of Centaurus A. Nature, 2020, 582, 356-359.	13.7	37
69	SOCRATES: an online tool leveraging a social contact data sharing initiative to assess mitigation strategies for COVID-19. BMC Research Notes, 2020, 13, 293.	0.6	59
70	Early dynamics of transmission and control of COVID-19: a mathematical modelling study. Lancet Infectious Diseases, The, 2020, 20, 553-558.	4.6	1,999
71	The effect of control strategies to reduce social mixing on outcomes of the COVID-19 epidemic in Wuhan, China: a modelling study. Lancet Public Health, The, 2020, 5, e261-e270.	4.7	1,600
72	Feasibility of controlling COVID-19 â€“ Authors' reply. The Lancet Global Health, 2020, 8, e775.	2.9	1

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73	On the fallibility of simulation models in informing pandemic responses â€“ Authors' reply. The Lancet Global Health, 2020, 8, e778-e779.	2.9	4
74	Feasibility of controlling COVID-19 outbreaks by isolation of cases and contacts. The Lancet Global Health, 2020, 8, e488-e496.	2.9	2,067
75	Very high energy Î³-ray emission from two blazars of unknown redshift and upper limits on their distance. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5590-5602.	1.6	19
76	Implication of backward contact tracing in the presence of overdispersed transmission in COVID-19 outbreaks. Wellcome Open Research, 2020, 5, 239.	0.9	61
77	Simultaneous observations of the blazar PKS 2155â˜’304 from ultra-violet to TeV energies. Astronomy and Astrophysics, 2020, 639, A42.	2.1	7
78	Energy dependent morphology of the pulsar wind nebula HESS J1825-137 with Fermi-LAT. Astronomy and Astrophysics, 2020, 640, A76.	2.1	32
79	An extreme particle accelerator in the Galactic plane: HESS J1826â˜’130. Astronomy and Astrophysics, 2020, 644, A112.	2.1	14
80	The transmissibility of novel Coronavirus in the early stages of the 2019-20 outbreak in Wuhan: Exploring initial point-source exposure sizes and durations using scenario analysis. Wellcome Open Research, 2020, 5, 17.	0.9	68
81	Inferring the number of COVID-19 cases from recently reported deaths. Wellcome Open Research, 2020, 5, 78.	0.9	31
82	The contribution of pre-symptomatic infection to the transmission dynamics of COVID-2019. Wellcome Open Research, 2020, 5, 58.	0.9	69
83	Estimating the overdispersion in COVID-19 transmission using outbreak sizes outside China. Wellcome Open Research, 2020, 5, 67.	0.9	265
84	Estimating the overdispersion in COVID-19 transmission using outbreak sizes outside China. Wellcome Open Research, 2020, 5, 67.	0.9	539
85	What settings have been linked to SARS-CoV-2 transmission clusters?. Wellcome Open Research, 2020, 5, 83.	0.9	186
86	What settings have been linked to SARS-CoV-2 transmission clusters?. Wellcome Open Research, 2020, 5, 83.	0.9	290
87	Implication of backward contact tracing in the presence of overdispersed transmission in COVID-19 outbreaks. Wellcome Open Research, 2020, 5, 239.	0.9	62
88	The COVID-19 response illustrates that traditional academic reward structures and metrics do not reflect crucial contributions to modern science. PLoS Biology, 2020, 18, e3000913.	2.6	12
89	Practical considerations for measuring the effective reproductive number, Rt. PLoS Computational Biology, 2020, 16, e1008409.	1.5	343
90	The contribution of asymptomatic SARS-CoV-2 infections to transmission on the Diamond Princess cruise ship. ELife, 2020, 9, .	2.8	70

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91	Upper limits on very-high-energy gamma-ray emission from core-collapse supernovae observed with H.E.S.S.. Astronomy and Astrophysics, 2019, 626, A57.	2.1	9
92	Combining serological and contact data to derive target immunity levels for achieving and maintaining measles elimination. BMC Medicine, 2019, 17, 180.	2.3	57
93	Outbreak analytics: a developing data science for informing the response to emerging pathogens. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180276.	1.8	118
94	The measles crisis in Europeâ€"the need for a joined-up approach. Lancet, The, 2019, 393, 2033.	6.3	10
95	Real-time analysis of the diphtheria outbreak in forcibly displaced Myanmar nationals in Bangladesh. BMC Medicine, 2019, 17, 58.	2.3	37
96	Assessing the performance of real-time epidemic forecasts: A case study of Ebola in the Western Area region of Sierra Leone, 2014-15. PLoS Computational Biology, 2019, 15, e1006785.	1.5	74
97	Fine-scale family structure shapes influenza transmission risk in households: Insights from primary schools in Matsumoto city, 2014/15. PLoS Computational Biology, 2019, 15, e1007589.	1.5	31
98	H.E.S.S. andSuzakuobservations of the Vela X pulsar wind nebula. Astronomy and Astrophysics, 2019, 627, A100.	2.1	15
99	Constraints on the emission region of 3C 279 during strong flares in 2014 and 2015 through VHE Î³-ray observations with H.E.S.S.. Astronomy and Astrophysics, 2019, 627, A159.	2.1	32
100	Validation of open-source science tools and background model construction in Î³-ray astronomy. Astronomy and Astrophysics, 2019, 632, A72.	2.1	22
101	Reconstruction and prediction of viral disease epidemics. Epidemiology and Infection, 2019, 147, e34.	1.0	29
102	Particle transport within the pulsar wind nebula HESS J1825â€"137. Astronomy and Astrophysics, 2019, 621, A116.	2.1	57
103	The 2014 TeV Î³-Ray Flare of Mrk 501 Seen with H.E.S.S.: Temporal and Spectral Constraints on Lorentz Invariance Violation. Astrophysical Journal, 2019, 870, 93.	1.6	47
104	Application of deep learning methods to analysis of imaging atmospheric Cherenkov telescopes data. Astroparticle Physics, 2019, 105, 44-53.	1.9	45
105	Title is missing!. , 2019, 15, e1007589.		0
106	Title is missing!. , 2019, 15, e1007589.		0
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109	Impact of Public Health Responses During a Measles Outbreak in an Amish Community in Ohio: Modeling the Dynamics of Transmission. American Journal of Epidemiology, 2018, 187, 2002-2010.	1.6	22
110	H.E.S.S. discovery of very high energy Î³-ray emission from PKSâ€‰0625â˜’354. Monthly Notices of the Royal Astronomical Society, 2018, 476, 4187-4198.	1.6	21
111	Real-time forecasting of infectious disease dynamics with a stochastic semi-mechanistic model. Epidemics, 2018, 22, 56-61.	1.5	98
112	The population of TeV pulsar wind nebulae in the H.E.S.S. Galactic Plane Survey. Astronomy and Astrophysics, 2018, 612, A2.	2.1	117
113	Systematic search for very-high-energy gamma-ray emission from bow shocks of runaway stars. Astronomy and Astrophysics, 2018, 612, A12.	2.1	13
114	The Î³-ray spectrum of the core of Centaurus A as observed with H.E.S.S. and Fermi-LAT. Astronomy and Astrophysics, 2018, 619, A71.	2.1	28
115	Searches for gamma-ray lines and â€˜pure WIMPâ€™ spectra from Dark Matter annihilations in dwarf galaxies with H.E.S.S.. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 037-037.	1.9	30
116	A search for very high-energy flares from the microquasars GRS 1915+105, Circinus X-1, and V4641 Sgr using contemporaneous H.E.S.S. and RXTE observations. Astronomy and Astrophysics, 2018, 612, A10.	2.1	7
117	Population study of Galactic supernova remnants at very high Î³-ray energies with H.E.S.S.. Astronomy and Astrophysics, 2018, 612, A3.	2.1	44
118	Extended VHEÎ³-ray emission towards SGR1806â˜’20, LBV 1806â˜’20, and stellar cluster Cl* 1806â˜’20. Astronomy and Astrophysics, 2018, 612, A11.	2.1	12
119	H.E.S.S. observations of RX J1713.7â˜’3946 with improved angular and spectral resolution: Evidence for gamma-ray emission extending beyond the X-ray emitting shell. Astronomy and Astrophysics, 2018, 612, A6.	2.1	95
120	The starburst galaxy NGC 253 revisited by H.E.S.S. and Fermi-LAT. Astronomy and Astrophysics, 2018, 617, A73.	2.1	41
121	First ground-based measurement of sub-20 GeV to 100 GeV Î³-Rays from the Vela pulsar with H.E.S.S. II. Astronomy and Astrophysics, 2018, 620, A66.	2.1	32
122	Projecting the end of the Zika virus epidemic in Latin America: a modelling analysis. BMC Medicine, 2018, 16, 180.	2.3	53
123	Characterising the VHE diffuse emission in the central 200 parsecs of our Galaxy with H.E.S.S.. Astronomy and Astrophysics, 2018, 612, A9.	2.1	52
124	HESS J1741â˜’302: a hidden accelerator in the Galactic plane. Astronomy and Astrophysics, 2018, 612, A13.	2.1	4
125	A search for new supernova remnant shells in the Galactic plane with H.E.S.S.. Astronomy and Astrophysics, 2018, 612, A8.	2.1	32
126	Search for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math> -Ray Line Signals from Dark Matter Annihilations in the Inner Galactic Halo from 10 Years of Observations with H.E.S.S.. Physical Review Letters, 2018, 120, 201101.	2.9	105

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127	Deeper H.E.S.S. observations of Vela Junior (RX J0852.0â^'4622): Morphology studies and resolved spectroscopy. Astronomy and Astrophysics, 2018, 612, A7.	2.1	43
128	The relative fitness of drug-resistant Mycobacterium tuberculosis : a modelling study of household transmission in Peru. Journal of the Royal Society Interface, 2018, 15, 20180025.	1.5	8
129	Detection of variable VHE Î³-ray emission from the extra-galactic Î³-ray binary LMC P3. Astronomy and Astrophysics, 2018, 610, L17.	2.1	12
130	Constraints on particle acceleration in SS433/W50 from MAGIC and H.E.S.S. observations. Astronomy and Astrophysics, 2018, 612, A14.	2.1	23
131	The impact of passive case detection on the transmission dynamics of gambiense Human African Trypanosomiasis. PLoS Neglected Tropical Diseases, 2018, 12, e0006276.	1.3	7
132	The H.E.S.S. Galactic plane survey. Astronomy and Astrophysics, 2018, 612, A1.	2.1	244
133	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. Science, 2018, 361, .	6.0	654
134	Genomic and epidemiological monitoring of yellow fever virus transmission potential. Science, 2018, 361, 894-899.	6.0	279
135	â€œPathogen Eradicationâ€•and â€œEmerging Pathogensâ€• Difficult Definitions in Cystic Fibrosis. Journal of Clinical Microbiology, 2018, 56, .	1.8	6
136	Using paired serology and surveillance data to quantify dengue transmission and control during a large outbreak in Fiji. ELife, 2018, 7, .	2.8	23
137	Characterizing the Î³-ray long-term variability of PKSâ€‰2155â^'304 with H.E.S.S. and Fermi-LAT. Astronomy and Astrophysics, 2017, 598, A39.	2.1	33
138	Spatial and temporal dynamics of superspreading events in the 2014â€“2015 West Africa Ebola epidemic. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2337-2342.	3.3	151
139	The impact of control strategies and behavioural changes on the elimination of Ebola from Lofa County, Liberia. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160302.	1.8	66
140	Prospects for Cherenkov Telescope Array Observations of the Young Supernova Remnant RX J1713.7â^'3946. Astrophysical Journal, 2017, 840, 74.	1.6	14
141	Real-time dynamic modelling for the design of a cluster-randomized phase 3 Ebola vaccine trial in Sierra Leone. Vaccine, 2017, 35, 544-551.	1.7	21
142	Search for Extended Sources in the Galactic Plane Using Six Years of Fermi-Large Area Telescope Pass 8 Data above 10 GeV. Astrophysical Journal, 2017, 843, 139.	1.6	70
143	First limits on the very-high energy gamma-ray afterglow emission of a fast radio burst. Astronomy and Astrophysics, 2017, 597, A115.	2.1	6
144	TeV Gamma-Ray Observations of the Binary Neutron Star Merger GW170817 with H.E.S.S.. Astrophysical Journal Letters, 2017, 850, L22.	3.0	38

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145	High Zika Virus Seroprevalence in Salvador, Northeastern Brazil Limits the Potential for Further Outbreaks. MBio, 2017, 8, .	1.8	183
146	Gamma-ray blazar spectra with H.E.S.S. II mono analysis: The case of PKSâ€‰2155â˜304 and PGâ€‰1553+113. Astronomy and Astrophysics, 2017, 600, A89.	2.1	29
147	Disease severity determines health-seeking behaviour amongst individuals with influenza-like illness in an internet-based cohort. BMC Infectious Diseases, 2017, 17, 238.	1.3	38
148	Detailed VHE studies of the pulsar wind nebula HESS J1825-137. AIP Conference Proceedings, 2017, , .	0.3	0
149	Measurement of the EBL spectral energy distribution using the VHE Î³-ray spectra of H.E.S.S. blazars. Astronomy and Astrophysics, 2017, 606, A59.	2.1	54
150	Aedes aegypti Control Through Modernized, Integrated Vector Management. PLOS Currents, 2017, 9, .	1.4	31
151	A mechanistic spatio-temporal framework for modelling individual-to-individual transmissionâ€”With an application to the 2014-2015 West Africa Ebola outbreak. PLoS Computational Biology, 2017, 13, e1005798.	1.5	26
152	Effectiveness of Ring Vaccination as Control Strategy for Ebola Virus Disease. Emerging Infectious Diseases, 2016, 22, 105-108.	2.0	83
153	Transmission Dynamics of Zika Virus in Island Populations: A Modelling Analysis of the 2013â€“14 French Polynesia Outbreak. PLoS Neglected Tropical Diseases, 2016, 10, e0004726.	1.3	217
154	Comparative Analysis of Dengue and Zika Outbreaks Reveals Differences by Setting and Virus. PLoS Neglected Tropical Diseases, 2016, 10, e0005173.	1.3	70
155	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. Astrophysical Journal, Supplement Series, 2016, 224, 8.	3.0	190
156	Search for Dark Matter Annihilations towards the Inner Galactic Halo from 10 Years of Observations with H.E.S.S.. Physical Review Letters, 2016, 117, 111301.	2.9	233
157	H.E.S.S. Limits on Linelike Dark Matter Signatures in the 100ÂGeV to 2ÂTeV Energy Range Close to the Galactic Center. Physical Review Letters, 2016, 117, 151302.	2.9	43
158	Monte Carlo studies of medium-size telescope designs for the Cherenkov Telescope Array. Astroparticle Physics, 2016, 72, 11-31.	1.9	12
159	Estimating the probability of demonstrating vaccine efficacy in the declining Ebola epidemic: a Bayesian modelling approach. BMJ Open, 2015, 5, e009346.	0.8	22
160	Ebola virus disease in the Democratic Republic of the Congo, 1976-2014. ELife, 2015, 4, .	2.8	61
161	Updated estimate of the duration of the meningo-encephalitic stage in gambiense human African trypanosomiasis. BMC Research Notes, 2015, 8, 292.	0.6	22
162	Modeling infectious disease dynamics in the complex landscape of global health. Science, 2015, 347, aaa4339.	6.0	492

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163	Seven challenges for modelling indirect transmission: Vector-borne diseases, macroparasites and neglected tropical diseases. Epidemics, 2015, 10, 16-20.	1.5	43
164	Seven challenges in modeling vaccine preventable diseases. Epidemics, 2015, 10, 11-15.	1.5	31
165	Evaluation of the Benefits and Risks of Introducing Ebola Community Care Centers, Sierra Leone. Emerging Infectious Diseases, 2015, 21, 393-399.	2.0	54
166	Measuring the impact of Ebola control measures in Sierra Leone. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14366-14371.	3.3	93
167	Six challenges in the eradication of infectious diseases. Epidemics, 2015, 10, 97-101.	1.5	35
168	Five challenges in evolution and infectious diseases. Epidemics, 2015, 10, 40-44.	1.5	38
169	Nine challenges in incorporating the dynamics of behaviour in infectious diseases models. Epidemics, 2015, 10, 21-25.	1.5	174
170	Nine challenges in modelling the emergence of novel pathogens. Epidemics, 2015, 10, 35-39.	1.5	60
171	Temporal Changes in Ebola Transmission in Sierra Leone and Implications for Control Requirements: a Real-time Modelling Study. PLOS Currents, 2015, 7, .	1.4	94
172	Duration of Ebola virus RNA persistence in semen of survivors: population-level estimates and projections. Eurosurveillance, 2015, 20, 30083.	3.9	25
173	Detecting Differential Transmissibilities That Affect the Size of Self-Limited Outbreaks. PLoS Pathogens, 2014, 10, e1004452.	2.1	35
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