Robert J Fischer

List of Publications by Year
in descending order

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49 papers	3,025 citations	218592 26 h-index	206029 48 g-index
61 all docs	61 docs citations	61 times ranked	5719 citing authors

#	Article	IF	Citations
1	Sodium hypochlorite disinfection of SARS-CoV-2 spiked in water and municipal wastewater. Science of the Total Environment, 2022, 807, 150766.	3.9	29
2	Increased small particle aerosol transmission of B.1.1.7 compared with SARS-CoV-2 lineage A in vivo. Nature Microbiology, 2022, 7, 213-223.	5.9	45
3	OraSure InteliSwabâ„¢ Rapid Antigen Test Performance with the SARS-CoV-2 Variants of Concernâ€"Alpha, Beta, Gamma, Delta, and Omicron. Viruses, 2022, 14, 543.	1.5	14
4	K18-hACE2 mice develop respiratory disease resembling severe COVID-19. PLoS Pathogens, 2021, 17, e1009195.	2.1	227
5	Prior aerosol infection with lineage A SARS-CoV-2 variant protects hamsters from disease, but not reinfection with B.1.351 SARS-CoV-2 variant. Emerging Microbes and Infections, 2021, 10, 1284-1292.	3.0	25
6	Establishment of a Genetically Confirmed Breeding Colony of Mastomys natalensis from Wild-Caught Founders from West Africa. Viruses, 2021, 13, 590.	1.5	10
7	ChAdOx1-vectored Lassa fever vaccine elicits a robust cellular and humoral immune response and protects guinea pigs against lethal Lassa virus challenge. Npj Vaccines, 2021, 6, 32.	2.9	30
8	Continuing Orthohantavirus Circulation in Deer Mice in Western Montana. Viruses, 2021, 13, 1006.	1.5	0
9	Development and validation of portable, field-deployable Ebola virus point-of-encounter diagnostic assay for wildlife surveillance. One Health Outlook, 2021, 3, 9.	1.4	3
10	Mechanistic theory predicts the effects of temperature and humidity on inactivation of SARS-CoV-2 and other enveloped viruses. ELife, 2021, 10, .	2.8	158
11	SARS-CoV-2 disease severity and transmission efficiency is increased for airborne compared to fomite exposure in Syrian hamsters. Nature Communications, 2021, 12, 4985.	5.8	94
12	Immunogenicity of Low-Dose Prime-Boost Vaccination of mRNA Vaccine CV07050101 in Non-Human Primates. Viruses, 2021, 13, 1645.	1.5	8
13	Heat-Treated Virus Inactivation Rate Depends Strongly on Treatment Procedure: Illustration with SARS-CoV-2. Applied and Environmental Microbiology, 2021, 87, e0031421.	1.4	23
14	ChAdOx1 nCoV-19 (AZD1222) protects Syrian hamsters against SARS-CoV-2 B.1.351 and B.1.1.7. Nature Communications, 2021, 12, 5868.	5.8	52
15	Persistence of SARS-CoV-2 in Water and Wastewater. Environmental Science and Technology Letters, 2020, 7, 937-942.	3.9	318
16	Chikungunya Outbreak in the Republic of the Congo, 2019â€"Epidemiological, Virological and Entomological Findings of a South-North Multidisciplinary Taskforce Investigation. Viruses, 2020, 12, 1020.	1.5	15
17	Effectiveness of N95 Respirator Decontamination and Reuse against SARS-CoV-2 Virus. Emerging Infectious Diseases, 2020, 26, 2253-2255.	2.0	200
18	Effect of Environmental Conditions on SARS-CoV-2 Stability in Human Nasal Mucus and Sputum. Emerging Infectious Diseases, 2020, 26, 2276-2278.	2.0	143

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19	A single dose of ChAdOx1 MERS provides protective immunity in rhesus macaques. Science Advances, 2020, 6, eaba8399.	4.7	89
20	Serological Evidence for Henipa-like and Filo-like Viruses in Trinidad Bats. Journal of Infectious Diseases, 2020, 221, S375-S382.	1.9	20
21	Effect of Environmental Conditions on SARS-CoV-2 Stability in Human Nasal Mucus and Sputum. Emerging Infectious Diseases, 2020, 26, .	2.0	7
22	Long-term wildlife mortality surveillance in northern Congo: a model for the detection of Ebola virus disease epizootics. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180339.	1.8	14
23	A single-dose ChAdOx1-vectored vaccine provides complete protection against Nipah Bangladesh and Malaysia in Syrian golden hamsters. PLoS Neglected Tropical Diseases, 2019, 13, e0007462.	1.3	46
24	Importance of Neutralizing Monoclonal Antibodies Targeting Multiple Antigenic Sites on the Middle East Respiratory Syndrome Coronavirus Spike Glycoprotein To Avoid Neutralization Escape. Journal of Virology, 2018, 92, .	1.5	155
25	SARS-Like Coronavirus WIV1-CoV Does Not Replicate in Egyptian Fruit Bats (Rousettus aegyptiacus). Viruses, 2018, 10, 727.	1.5	21
26	Outbreaks in a Rapidly Changing Central Africa â€" Lessons from Ebola. New England Journal of Medicine, 2018, 379, 1198-1201.	13.9	56
27	Ebola Virus Inactivation by Detergents Is Annulled in Serum. Journal of Infectious Diseases, 2017, 216, 859-866.	1.9	23
28	Protective efficacy of a novel simian adenovirus vaccine against lethal MERS-CoV challenge in a transgenic human DPP4 mouse model. Npj Vaccines, 2017, 2, 28.	2.9	81
29	Disinfection of Ebola Virus in Sterilized Municipal Wastewater. PLoS Neglected Tropical Diseases, 2017, 11, e0005299.	1.3	20
30	Ebola Virus Persistence in Semen Ex Vivo. Emerging Infectious Diseases, 2016, 22, 289-291.	2.0	21
31	Fleas and trypanosomes of peridomestic small mammals in sub-Saharan Mali. Parasites and Vectors, 2016, 9, 541.	1.0	16
32	Clinical Chemistry of Patients With Ebola in Monrovia, Liberia. Journal of Infectious Diseases, 2016, 214, S303-S307.	1.9	7
33	Comparison of the Aerosol Stability of 2 Strains ofZaire ebolavirusFrom the 1976 and 2013 Outbreaks. Journal of Infectious Diseases, 2016, 214, S290-S293.	1.9	20
34	PlasmodiumParasitemia Associated With Increased Survival in Ebola Virusâ€"Infected Patients. Clinical Infectious Diseases, 2016, 63, 1026-1033.	2.9	42
35	Host associations and genomic diversity of Borrelia hermsii in an endemic focus of tick-borne relapsing fever in western North America. Parasites and Vectors, 2016, 9, 575.	1.0	19
36	Ecological Contexts of Index Cases and Spillover Events of Different Ebolaviruses. PLoS Pathogens, 2016, 12, e1005780.	2.1	60

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37	Postmortem Stability of Ebola Virus. Emerging Infectious Diseases, 2015, 21, 856-859.	2.0	81
38	Ebola Virus Stability on Surfaces and in Fluids in Simulated Outbreak Environments. Emerging Infectious Diseases, 2015, 21, 1243-1246.	2.0	79
39	Tickborne Relapsing Fever, Bitterroot Valley, Montana, USA. Emerging Infectious Diseases, 2015, 21, 217-223.	2.0	14
40	Persistence of Ebola Virus in Sterilized Wastewater. Environmental Science and Technology Letters, 2015, 2, 245-249.	3.9	71
41	Inactivation of Genes for Antigenic Variation in the Relapsing Fever Spirochete Borrelia hermsii Reduces Infectivity in Mice and Transmission by Ticks. PLoS Pathogens, 2014, 10, e1004056.	2.1	46
42	First isolation of the relapsing fever spirochete, Borrelia hermsii, from a domestic dog. Ticks and Tick-borne Diseases, 2014, 5, 95-99.	1.1	31
43	Geographic Distribution and Genetic Characterization of Lassa Virus in Sub-Saharan Mali. PLoS Neglected Tropical Diseases, 2013, 7, e2582.	1.3	49
44	Endemic Foci of the Tick-Borne Relapsing Fever Spirochete Borrelia crocidurae in Mali, West Africa, and the Potential for Human Infection. PLoS Neglected Tropical Diseases, 2012, 6, e1924.	1.3	58
45	Identical Strains ofBorrelia hermsiiin Mammal and Bird. Emerging Infectious Diseases, 2009, 15, 2064-2066.	2.0	15
46	Inhibition by methylated organoarsenicals of the respiratory 2-oxo-acid dehydrogenases. Journal of Organometallic Chemistry, 2009, 694, 973-980.	0.8	84
47	Comparison of Novel and Patented Silica-Polyamine Composite Materials as Aqueous Heavy Metal Ion Recovery Materials. Separation Science and Technology, 1999, 34, 2723-2739.	1.3	37
48	Silica-Polyamine Composite Materials for Heavy Metal Ion Removal, Recovery, and Recycling. II. Metal Ion Separations from Mine Wastewater and Soft Metal Ion Extraction Efficiency*. Separation Science and Technology, 1999, 34, 3125-3137.	1.3	37
49	A Comparative Study of the Removal of Heavy Metal Ions from Water Using a Silicaâ˜Polyamine Composite and a Polystyrene Chelator Resin. Industrial & Engineering Chemistry Research, 1999, 38, 4402-4408.	1.8	91