

# Jeffrey W Koehler

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

638  
citations

471371

17  
h-index

610775

24  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1094  
citing authors

#	ARTICLE	IF	CITATIONS
1	A DNA vaccine for Crimean-Congo hemorrhagic fever protects against disease and death in two lethal mouse models. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005908.	1.3	76
2	Development of a coronavirus disease 2019 nonhuman primate model using airborne exposure. <i>PLoS ONE</i> , 2021, 16, e0246366.	1.1	52
3	Circulating microRNA profiles of Ebola virus infection. <i>Scientific Reports</i> , 2016, 6, 24496.	1.6	50
4	Optimized microRNA purification from TRIzol-treated plasma. <i>BMC Genomics</i> , 2015, 16, 95.	1.2	43
5	Exploring Crimean-Congo Hemorrhagic Fever Virus-Induced Hepatic Injury Using Antibody-Mediated Type I Interferon Blockade in Mice. <i>Journal of Virology</i> , 2018, 92, .	1.5	41
6	Evaluation of Signature Erosion in Ebola Virus Due to Genomic Drift and Its Impact on the Performance of Diagnostic Assays. <i>Viruses</i> , 2015, 7, 3130-3154.	1.5	35
7	Targeted next-generation sequencing for the detection of ciprofloxacin resistance markers using molecular inversion probes. <i>Scientific Reports</i> , 2016, 6, 25904.	1.6	32
8	Persistent Crimean-Congo hemorrhagic fever virus infection in the testes and within granulomas of non-human primates with latent tuberculosis. <i>PLoS Pathogens</i> , 2019, 15, e1008050.	2.1	32
9	A Fusion-Inhibiting Peptide against Rift Valley Fever Virus Inhibits Multiple, Diverse Viruses. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2430.	1.3	30
10	Development and Evaluation of a Panel of Filovirus Sequence Capture Probes for Pathogen Detection by Next-Generation Sequencing. <i>PLoS ONE</i> , 2014, 9, e107007.	1.1	28
11	A highly multiplexed broad pathogen detection assay for infectious disease diagnostics. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006889.	1.3	23
12	Next-Generation Sequencing for Biodefense: Biothreat Detection, Forensics, and the Clinic. <i>Clinical Chemistry</i> , 2019, 65, 383-392.	1.5	23
13	Comparison of nucleic acid extraction platforms for detection of select biothreat agents for use in clinical resource limited settings. <i>Journal of Microbiological Methods</i> , 2012, 91, 179-183.	0.7	19
14	Musculoskeletal and autoimmune manifestations of HIV, syphilis and tuberculosis. <i>Current Opinion in Rheumatology</i> , 2006, 18, 88-95.	2.0	18
15	Aspartic protease activities of schistosomes cleave mammalian hemoglobins in a host-specific manner. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2007, 102, 83-85.	0.8	18
16	Altered Immune Responses in Rhesus Macaques Co-Infected with SIV and Plasmodium cynomolgi: An Animal Model for Coincident AIDS and Relapsing Malaria. <i>PLoS ONE</i> , 2009, 4, e7139.	1.1	18
17	Sequence Optimized Real-Time Reverse Transcription Polymerase Chain Reaction Assay for Detection of Crimean-Congo Hemorrhagic Fever Virus. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 211-215.	0.6	18
18	Ticks and prevalence of tick-borne pathogens from domestic animals in Ghana. <i>Parasites and Vectors</i> , 2022, 15, 86.	1.0	18

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19	Crimean-Congo Hemorrhagic Fever Virus, Mongolia, 2013–2014. <i>Emerging Infectious Diseases</i> , 2018, 24, 2202-2209.	2.0	14
20	Exposure Route Influences Disease Severity in the COVID-19 Cynomolgus Macaque Model. <i>Viruses</i> , 2022, 14, 1013.	1.5	10
21	Molecular Characteristics of Rickettsia in Ticks Collected along the Southern Border of Mongolia. <i>Pathogens</i> , 2020, 9, 943.	1.2	7
22	Targeted Next-Generation Sequencing for Diagnostics and Forensics. <i>Clinical Chemistry</i> , 2017, 63, 450-452.	1.5	6
23	Diagnostic targeted sequencing adjudication (DETEQT). <i>Journal of Molecular Diagnostics</i> , 2019, 21, 99-110.	1.2	5
24	Novel plant-derived recombinant human interferons with broad spectrum antiviral activity. <i>Antiviral Research</i> , 2011, 92, 461-469.	1.9	4
25	Development of real-time reverse transcriptase qPCR assays for the detection of Punta Toro virus and Pichinde virus. <i>Virology Journal</i> , 2016, 13, 54.	1.4	4
26	Appendix Q: Recommendations for Developing Molecular Assays for Microbial Pathogen Detection Using Modern In Silico Approaches. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 882-899.	0.7	4