

# Kevin S Mcloughlin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2227643/publications.pdf>

Version: 2024-02-01

25  
papers

1,056  
citations

516710

16  
h-index

580821

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1304  
citing authors

#	ARTICLE	IF	CITATIONS
1	Viral Nucleic Acids in Live-Attenuated Vaccines: Detection of Minority Variants and an Adventitious Virus. <i>Journal of Virology</i> , 2010, 84, 6033-6040.	3.4	300
2	A microbial detection array (MDA) for viral and bacterial detection. <i>BMC Genomics</i> , 2010, 11, 668.	2.8	125
3	Microarrays for Pathogen Detection and Analysis. <i>Briefings in Functional Genomics</i> , 2011, 10, 342-353.	2.7	86
4	Microbiome associations in pigs with the best and worst clinical outcomes following co-infection with porcine reproductive and respiratory syndrome virus (PRRSV) and porcine circovirus type 2 (PCV2). <i>Veterinary Microbiology</i> , 2016, 188, 1-11.	1.9	57
5	AMPL: A Data-Driven Modeling Pipeline for Drug Discovery. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 1955-1968.	5.4	53
6	Ancient pathogen DNA in archaeological samples detected with a Microbial Detection Array. <i>Scientific Reports</i> , 2014, 4, 4245.	3.3	48
7	Microbial Profiling of Combat Wound Infection through Detection Microarray and Next-Generation Sequencing. <i>Journal of Clinical Microbiology</i> , 2014, 52, 2583-2594.	3.9	47
8	The Microbial Detection Array Combined with Random Phi29-Amplification Used as a Diagnostic Tool for Virus Detection in Clinical Samples. <i>PLoS ONE</i> , 2011, 6, e22631.	2.5	39
9	A Functional Gene Array for Detection of Bacterial Virulence Elements. <i>PLoS ONE</i> , 2008, 3, e2163.	2.5	36
10	The Microbial Detection Array for Detection of Emerging Viruses in Clinical Samples - A Useful Panmicrobial Diagnostic Tool. <i>PLoS ONE</i> , 2014, 9, e100813.	2.5	31
11	Application of a pathogen microarray for the analysis of viruses and bacteria in clinical diagnostic samples from pigs. <i>Journal of Veterinary Diagnostic Investigation</i> , 2015, 27, 313-325.	1.1	27
12	Analysis of sensitivity and rapid hybridization of a multiplexed Microbial Detection Microarray. <i>Journal of Virological Methods</i> , 2014, 201, 73-78.	2.1	26
13	Detection of <i>Bacillus anthracis</i> DNA in Complex Soil and Air Samples Using Next-Generation Sequencing. <i>PLoS ONE</i> , 2013, 8, e73455.	2.5	24
14	Axiom Microbiome Array, the next generation microarray for high-throughput pathogen and microbiome analysis. <i>PLoS ONE</i> , 2019, 14, e0212045.	2.5	22
15	Discovery of Small-Molecule Inhibitors of SARS-CoV-2 Proteins Using a Computational and Experimental Pipeline. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 678701.	3.5	22
16	Enabling rapid COVID-19 small molecule drug design through scalable deep learning of generative models. <i>International Journal of High Performance Computing Applications</i> , 2021, 35, 469-482.	3.7	21
17	Optimizing SNP microarray probe design for high accuracy microbial genotyping. <i>Journal of Microbiological Methods</i> , 2013, 94, 303-310.	1.6	20
18	Identification of Genome-Wide Mutations in Ciprofloxacin-Resistant <i>F. tularensis</i> LVS Using Whole Genome Tiling Arrays and Next Generation Sequencing. <i>PLoS ONE</i> , 2016, 11, e0163458.	2.5	18

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19	Association of Kaposi's sarcoma-associated herpesvirus (KSHV) with bladder cancer in Croatian patients. <i>Tumor Biology</i> , 2014, 35, 567-572.	1.8	15
20	Pathogen surveillance in wild bottlenose dolphins <i>Tursiops truncatus</i> . <i>Diseases of Aquatic Organisms</i> , 2015, 116, 83-91.	1.0	12
21	Machine Learning Models to Predict Inhibition of the Bile Salt Export Pump. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 587-602.	5.4	10
22	Characterization of Genetic Variability of Venezuelan Equine Encephalitis Viruses. <i>PLoS ONE</i> , 2016, 11, e0152604.	2.5	7
23	Gut microbiome associations with outcome following co-infection with porcine reproductive and respiratory syndrome virus (PRRSV) and porcine circovirus type 2 (PCV2) in pigs immunized with a PRRS modified live virus vaccine. <i>Veterinary Microbiology</i> , 2021, 254, 109018.	1.9	5
24	Screening of Viral Pathogens from Pediatric Ileal Tissue Samples after Vaccination. <i>Advances in Virology</i> , 2014, 2014, 1-10.	1.1	4
25	Quantifying Overfitting Potential in Drug Binding Datasets. <i>Lecture Notes in Computer Science</i> , 2020, , 585-598.	1.3	1