

# Alina Deshpande

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

804  
citations

687220

13  
h-index

552653

26  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1351  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Disease Monitoring and Forecasting with Wikipedia. <i>PLoS Computational Biology</i> , 2014, 10, e1003892.	1.5	161
2	Forecasting the 2013–2014 Influenza Season Using Wikipedia. <i>PLoS Computational Biology</i> , 2015, 11, e1004239.	1.5	122
3	TNF- $\alpha$ Promoter Polymorphisms and Susceptibility to Human Papillomavirus 16-Associated Cervical Cancer. <i>Journal of Infectious Diseases</i> , 2005, 191, 969-976.	1.9	91
4	Primer-design for multiplexed genotyping. <i>Nucleic Acids Research</i> , 2003, 31, 1796-1802.	6.5	73
5	Recommended reporting items for epidemic forecasting and prediction research: The EPIFORGE 2020 guidelines. <i>PLoS Medicine</i> , 2021, 18, e1003793.	3.9	42
6	A rapid multiplex assay for nucleic acid-based diagnostics. <i>Journal of Microbiological Methods</i> , 2010, 80, 155-163.	0.7	40
7	Multiplexed nucleic acid-based assays for molecular diagnostics of human disease. <i>Expert Review of Molecular Diagnostics</i> , 2012, 12, 645-659.	1.5	35
8	Epidemiological Data Challenges: Planning for a More Robust Future Through Data Standards. <i>Frontiers in Public Health</i> , 2018, 6, 336.	1.3	33
9	Persistence of <i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i> in Urban Environments following Spraying. <i>Applied and Environmental Microbiology</i> , 2011, 77, 7954-7961.	1.4	32
10	Variation in HLA Class I Antigen-Processing Genes and Susceptibility to Human Papillomavirus Type 16-Associated Cervical Cancer. <i>Journal of Infectious Diseases</i> , 2008, 197, 371-381.	1.9	28
11	Measuring Global Disease with Wikipedia. , 2017, 2017, 1812-1834.		28
12	An approach to and web-based tool for infectious disease outbreak intervention analysis. <i>Scientific Reports</i> , 2017, 7, 46076.	1.6	19
13	Advancing a Framework to Enable Characterization and Evaluation of Data Streams Useful for Biosurveillance. <i>PLoS ONE</i> , 2014, 9, e83730.	1.1	15
14	Surveillance for Emerging Diseases with Multiplexed Point-of-Care Diagnostics. <i>Health Security</i> , 2016, 14, 111-121.	0.9	15
15	Transport of <i>Bacillus thuringiensis</i> var. <i>kurstaki</i> from an Outdoor Release into Buildings: Pathways of Infiltration and a Rapid Method to Identify Contaminated Buildings. <i>Biosecurity and Bioterrorism</i> , 2012, 10, 215-227.	1.2	12
16	Simultaneous Pathogen Detection and Antibiotic Resistance Characterization Using SNP-Based Multiplexed Oligonucleotide Ligation-PCR (MOL-PCR). <i>Advances in Experimental Medicine and Biology</i> , 2010, 680, 455-464.	0.8	11
17	Development of 11-Plex MOL-PCR Assay for the Rapid Screening of Samples for Shiga Toxin-Producing <i>Escherichia coli</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 92.	1.8	8
18	The Biosurveillance Analytics Resource Directory (BARD): Facilitating the Use of Epidemiological Models for Infectious Disease Surveillance. <i>PLoS ONE</i> , 2016, 11, e0146600.	1.1	8

#	ARTICLE	IF	CITATIONS
19	Selecting Essential Information for Biosurveillance—A Multi-Criteria Decision Analysis. PLoS ONE, 2014, 9, e86601.	1.1	4
20	Analytics for Investigation of Disease Outbreaks: Web-Based Analytics Facilitating Situational Awareness in Unfolding Disease Outbreaks. JMIR Public Health and Surveillance, 2019, 5, e12032.	1.2	4
21	System integration and development for biological warfare agent surveillance. , 2007, , .		3
22	An extensible framework and database of infectious disease for biosurveillance. BMC Infectious Diseases, 2017, 17, 549.	1.3	3
23	Tools and Apps to Enhance Situational Awareness for Global Disease Surveillance. Online Journal of Public Health Informatics, 2014, 6, .	0.4	3
24	Development of a Supervised Learning Algorithm for Detection of Potential Disease Reemergence: A Proof of Concept. Health Security, 2019, 17, 255-267.	0.9	2
25	Improving Detection of Disease Re-emergence Using a Web-Based Tool (RED Alert): Design and Case Analysis Study. JMIR Public Health and Surveillance, 2021, 7, e24132.	1.2	2
26	The Surveillance Window - Contextualizing Data Streams. Online Journal of Public Health Informatics, 2013, 5, .	0.4	1
27	Evaluating Biosurveillance System Components using Multi-Criteria Decision Analysis. Online Journal of Public Health Informatics, 2013, 5, .	0.4	1
28	Novel Use of Flu Surveillance Data: Evaluating Potential of Sentinel Populations for Early Detection of Influenza Outbreaks. PLoS ONE, 2016, 11, e0158330.	1.1	1
29	Fast Evaluation of Viral Emerging Risks (FEVER): A computational tool for biosurveillance, diagnostics, and mutation typing of emerging viral pathogens. PLOS Global Public Health, 2022, 2, e0000207.	0.5	1
30	Warning Signs of Potential Black Swan Outbreaks in Infectious Disease. Frontiers in Microbiology, 2022, 13, 845572.	1.5	0