

# Xianding Deng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1268017/publications.pdf>

Version: 2024-02-01

20  
papers

4,231  
citations

623734

14  
h-index

752698

20  
g-index

28  
all docs

28  
docs citations

28  
times ranked

8929  
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPR-Cas12-based detection of SARS-CoV-2. <i>Nature Biotechnology</i> , 2020, 38, 870-874.	17.5	1,884
2	Transmission, infectivity, and neutralization of a spike L452R SARS-CoV-2 variant. <i>Cell</i> , 2021, 184, 3426-3437.e8.	28.9	424
3	Rapid pathogen detection by metagenomic next-generation sequencing of infected body fluids. <i>Nature Medicine</i> , 2021, 27, 115-124.	30.7	329
4	Emergence and rapid transmission of SARS-CoV-2 B.1.1.7 in the United States. <i>Cell</i> , 2021, 184, 2587-2594.e7.	28.9	285
5	Genomic surveillance reveals multiple introductions of SARS-CoV-2 into Northern California. <i>Science</i> , 2020, 369, 582-587.	12.6	253
6	Cryptic transmission of SARS-CoV-2 in Washington state. <i>Science</i> , 2020, 370, 571-575.	12.6	217
7	Metagenomic sequencing with spiked primer enrichment for viral diagnostics and genomic surveillance. <i>Nature Microbiology</i> , 2020, 5, 443-454.	13.3	114
8	Clinical features, diagnostics, and outcomes of patients presenting with acute respiratory illness: A retrospective cohort study of patients with and without COVID-19. <i>EClinicalMedicine</i> , 2020, 27, 100518.	7.1	59
9	Genome-based Definition of an Inflammatory Bowel Disease-associated Adherent-Invasive Escherichia coli Pathovar. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 1-12.	1.9	54
10	Whole-Genome Sequencing Reveals the Origin and Rapid Evolution of an Emerging Outbreak Strain of <i>Streptococcus pneumoniae</i> 12F. <i>Clinical Infectious Diseases</i> , 2016, 62, 1126-1132.	5.8	38
11	Predominance of antibody-resistant SARS-CoV-2 variants in vaccine breakthrough cases from the San Francisco Bay Area, California. <i>Nature Microbiology</i> , 2022, 7, 277-288.	13.3	37
12	Outbreak of Invasive <i>Streptococcus pneumoniae</i> Serotype 12F Among a Marginalized Inner-City Population in Winnipeg, Canada, 2009-2011. <i>Clinical Infectious Diseases</i> , 2014, 59, 651-657.	5.8	32
13	<i>Streptococcus pneumoniae</i> infection: a Canadian perspective. <i>Expert Review of Anti-Infective Therapy</i> , 2013, 11, 781-791.	4.4	27
14	Population structure and drug resistance patterns of emerging non-PCV-13 <i>Streptococcus pneumoniae</i> serotypes 22F, 15A, and 8 isolated from adults in Ontario, Canada. <i>Infection, Genetics and Evolution</i> , 2016, 42, 1-8.	2.3	17
15	Timely intervention and control of a novel coronavirus (COVID-19) outbreak at a large skilled nursing facility—San Francisco, California, 2020. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 1173-1180.	1.8	17
16	Genetic Analysis of Invasive Pneumococcal Isolates from Children in Ontario, Canada, 2007–2012. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 594-598.	2.0	15
17	Associations of Early COVID-19 Cases in San Francisco With Domestic and International Travel. <i>Clinical Infectious Diseases</i> , 2020, 71, 2976-2980.	5.8	8
18	Whole-genome Sequencing for Surveillance of Invasive Pneumococcal Diseases in Ontario, Canada: Rapid Prediction of Genotype, Antibiotic Resistance and Characterization of Emerging Serotype 22F. <i>Frontiers in Microbiology</i> , 2016, 7, 2099.	3.5	7

#	ARTICLE	IF	CITATIONS
19	New Genomes from the Congo Basin Expand History of CRF01_AE Origin and Dissemination. <i>AIDS Research and Human Retroviruses</i> , 2020, 36, 574-582.	1.1	7
20	Introduction, Transmission Dynamics, and Fate of Early Severe Acute Respiratory Syndrome Coronavirus 2 Lineages in Santa Clara County, California. <i>Journal of Infectious Diseases</i> , 2021, 224, 207-217.	4.0	2