

# Ameet J Pinto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7702722/publications.pdf>

Version: 2024-02-01

42  
papers

2,888  
citations

279798

23  
h-index

276875

41  
g-index

58  
all docs

58  
docs citations

58  
times ranked

3821  
citing authors

#	ARTICLE	IF	CITATIONS
1	PCR Biases Distort Bacterial and Archaeal Community Structure in Pyrosequencing Datasets. PLoS ONE, 2012, 7, e43093.	2.5	366
2	Bacterial Community Structure in the Drinking Water Microbiome Is Governed by Filtration Processes. Environmental Science & Technology, 2012, 46, 8851-8859.	10.0	366
3	Metagenomic Evidence for the Presence of Comammox <i>Nitrospira</i> -Like Bacteria in a Drinking Water System. MSphere, 2016, 1, .	2.9	229
4	Design and Evaluation of Illumina MiSeq-Compatible, 18S rRNA Gene-Specific Primers for Improved Characterization of Mixed Phototrophic Communities. Applied and Environmental Microbiology, 2016, 82, 5878-5891.	3.1	190
5	Spatial-Temporal Survey and Occupancy-Abundance Modeling To Predict Bacterial Community Dynamics in the Drinking Water Microbiome. MBio, 2014, 5, e01135-14.	4.1	160
6	Differential Resistance of Drinking Water Bacterial Populations to Monochloramine Disinfection.. Environmental Science & Technology, 2014, 48, 4038-4047.	10.0	143
7	The active microbial community more accurately reflects the anaerobic digestion process: 16S rRNA (gene) sequencing as a predictive tool. Microbiome, 2018, 6, 63.	11.1	138
8	Assessing the origin of bacteria in tap water and distribution system in an unchlorinated drinking water system by SourceTracker using microbial community fingerprints. Water Research, 2018, 138, 86-96.	11.3	110
9	The control of disinfection byproducts and their precursors in biologically active filtration processes. Water Research, 2017, 124, 630-653.	11.3	108
10	Long-term spatial and temporal microbial community dynamics in a large-scale drinking water distribution system with multiple disinfectant regimes. Water Research, 2018, 139, 406-419.	11.3	106
11	Emerging investigators series: microbial communities in full-scale drinking water distribution systems – a meta-analysis. Environmental Science: Water Research and Technology, 2016, 2, 631-644.	2.4	98
12	Long solids retention times and attached growth phase favor prevalence of comammox bacteria in nitrogen removal systems. Water Research, 2020, 169, 115268.	11.3	98
13	NanoAmpli-Seq: a workflow for amplicon sequencing for mixed microbial communities on the nanopore sequencing platform. GigaScience, 2018, 7, .	6.4	85
14	Electrochemical sensors for identifying pyocyanin production in clinical <i>Pseudomonas aeruginosa</i> isolates. Biosensors and Bioelectronics, 2017, 97, 65-69.	10.1	57
15	Diverse manganese(II)-oxidizing bacteria are prevalent in drinking water systems. Environmental Microbiology Reports, 2017, 9, 120-128.	2.4	52
16	Drinking Water Microbiome Project: Is it Time?. Trends in Microbiology, 2019, 27, 670-677.	7.7	50
17	Disinfection exhibits systematic impacts on the drinking water microbiome. Microbiome, 2020, 8, 42.	11.1	48
18	The impact of sampling, PCR, and sequencing replication on discerning changes in drinking water bacterial community over diurnal time-scales. Water Research, 2016, 90, 216-224.	11.3	45

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19	Anaerobic microbial community response to methanogenic inhibitors 2-bromoethanesulfonate and propynoic acid. <i>MicrobiologyOpen</i> , 2016, 5, 537-550.	3.0	42
20	Applying biotechnology for drinking water biofiltration: advancing science and practice. <i>Current Opinion in Biotechnology</i> , 2019, 57, 197-204.	6.6	36
21	Impact of solids residence time on community structure and nutrient dynamics of mixed phototrophic wastewater treatment systems. <i>Water Research</i> , 2019, 150, 271-282.	11.3	28
22	Microbial Nitrogen Metabolism in Chloraminated Drinking Water Reservoirs. <i>MSphere</i> , 2020, 5, .	2.9	28
23	Impact of Hurricane Maria on Drinking Water Quality in Puerto Rico. <i>Environmental Science &amp; Technology</i> , 2020, 54, 9495-9509.	10.0	26
24	Prospects for multi-omics in the microbial ecology of water engineering. <i>Water Research</i> , 2021, 205, 117608.	11.3	26
25	The microbial colonization of activated carbon block point-of-use (PoU) filters with and without chlorinated phenol disinfection by-products. <i>Environmental Science: Water Research and Technology</i> , 2017, 3, 830-843.	2.4	23
26	Episodic Decrease in Temperature Increases <i>mcy</i> Gene Transcription and Cellular Microcystin in Continuous Cultures of <i>Microcystis aeruginosa</i> PCC 7806. <i>Frontiers in Microbiology</i> , 2020, 11, 601864.	3.5	23
27	Oligotyping and metagenomics reveal distinct <i>Candidatus Accumulibacter</i> communities in side-stream versus conventional full-scale enhanced biological phosphorus removal (EBPR) systems. <i>Water Research</i> , 2021, 206, 117725.	11.3	23
28	Differential prevalence and host-association of antimicrobial resistance traits in disinfected and non-disinfected drinking water systems. <i>Science of the Total Environment</i> , 2020, 749, 141451.	8.0	22
29	Evaluating <i>de Novo</i> Assembly and Binning Strategies for Time Series Drinking Water Metagenomes. <i>Microbiology Spectrum</i> , 2021, 9, e0143421.	3.0	16
30	A snapshot of the global drinking water virome: Diversity and metabolic potential vary with residual disinfectant use. <i>Water Research</i> , 2022, 218, 118484.	11.3	14
31	Probabilistic Models to Describe the Dynamics of Migrating Microbial Communities. <i>PLoS ONE</i> , 2015, 10, e0117221.	2.5	13
32	Activated Carbon as a Cathode for Water Disinfection through the Electro-Fenton Process. <i>Catalysts</i> , 2019, 9, 601.	3.5	13
33	Drift dynamics in microbial communities and the effective community size. <i>Environmental Microbiology</i> , 2021, 23, 2473-2483.	3.8	10
34	<i>Comammox Nitrospira</i> bacteria outnumber canonical nitrifiers irrespective of electron donor mode and availability in biofiltration systems. <i>FEMS Microbiology Ecology</i> , 2022, 98, .	2.7	10
35	Spatial-temporal targeted and non-targeted surveys to assess microbiological composition of drinking water in Puerto Rico following Hurricane Maria. <i>Water Research X</i> , 2021, 13, 100123.	6.1	9
36	Bioreactor Function under Perturbation Scenarios Is Affected by Interactions between Bacteria and Protozoa. <i>Environmental Science &amp; Technology</i> , 2012, 46, 7558-7566.	10.0	8

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37	Draft Genome Sequences of Two Novel <i>Acidimicrobiaceae</i> Members from an Acid Mine Drainage Biofilm Metagenome. <i>Genome Announcements</i> , 2016, 4, .	0.8	8
38	Draft Genome Sequence of a Novel <i>Desulfobacteraceae</i> Member from a Sulfate-Reducing Bioreactor Metagenome. <i>Genome Announcements</i> , 2016, 4, .	0.8	8
39	Reproducible Microbial Community Dynamics of Two Drinking Water Systems Treating Similar Source Waters. <i>ACS ES&amp;T Water</i> , 2021, 1, 1617-1627.	4.6	8
40	Comparable Nutrient Uptake across Diel Cycles by Three Distinct Phototrophic Communities. <i>Environmental Science &amp; Technology</i> , 2019, 53, 390-400.	10.0	6
41	Simple Affinity-Based Method for Concentrating Viruses from Wastewater Using Engineered Curli Fibers. <i>ACS ES&amp;T Water</i> , 2022, 2, 1836-1843.	4.6	3
42	Make your research more accessible. <i>Water Research</i> , 2021, 188, 116453.	11.3	0