

Jacob A Cram

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2177251/publications.pdf>

Version: 2024-02-01

26
papers

2,797
citations

567281

15
h-index

610901

24
g-index

35
all docs

35
docs citations

35
times ranked

4058
citing authors

#	ARTICLE	IF	CITATIONS
1	Marine microbial community dynamics and their ecological interpretation. <i>Nature Reviews Microbiology</i> , 2015, 13, 133-146.	28.6	681
2	Correlation detection strategies in microbial data sets vary widely in sensitivity and precision. <i>ISME Journal</i> , 2016, 10, 1669-1681.	9.8	593
3	Extended local similarity analysis (eLSA) of microbial community and other time series data with replicates. <i>BMC Systems Biology</i> , 2011, 5, S15.	3.0	223
4	Seasonal and interannual variability of the marine bacterioplankton community throughout the water column over ten years. <i>ISME Journal</i> , 2015, 9, 563-580.	9.8	219
5	Temporal variability and coherence of euphotic zone bacterial communities over a decade in the Southern California Bight. <i>ISME Journal</i> , 2013, 7, 2259-2273.	9.8	162
6	Short-term observations of marine bacterial and viral communities: patterns, connections and resilience. <i>ISME Journal</i> , 2013, 7, 1274-1285.	9.8	144
7	Efficient statistical significance approximation for local similarity analysis of high-throughput time series data. <i>Bioinformatics</i> , 2013, 29, 230-237.	4.1	137
8	Deep ocean nutrients imply large latitudinal variation in particle transfer efficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8606-8611.	7.1	118
9	Accurate Genome Relative Abundance Estimation Based on Shotgun Metagenomic Reads. <i>PLoS ONE</i> , 2011, 6, e27992.	2.5	105
10	Cross-depth analysis of marine bacterial networks suggests downward propagation of temporal changes. <i>ISME Journal</i> , 2015, 9, 2573-2586.	9.8	105
11	Dynamics and interactions of highly resolved marine plankton via automated high-frequency sampling. <i>ISME Journal</i> , 2018, 12, 2417-2432.	9.8	66
12	The Role of Particle Size, Ballast, Temperature, and Oxygen in the Sinking Flux to the Deep Sea. <i>Global Biogeochemical Cycles</i> , 2018, 32, 858-876.	4.9	65
13	Dilution reveals how viral lysis and grazing shape microbial communities. <i>Limnology and Oceanography</i> , 2016, 61, 889-905.	3.1	39
14	Vertical and Seasonal Patterns Control Bacterioplankton Communities at Two Horizontally Coherent Coastal Upwelling Sites off Galicia (NW Spain). <i>Microbial Ecology</i> , 2018, 76, 866-884.	2.8	25
15	Explore mediated co-varying dynamics in microbial community using integrated local similarity and liquid association analysis. <i>BMC Genomics</i> , 2019, 20, 185.	2.8	20
16	Human gut microbiota is associated with HIV-reactive immunoglobulin at baseline and following HIV vaccination. <i>PLoS ONE</i> , 2019, 14, e0225622.	2.5	20
17	Hatchery crashes among shellfish research hatcheries along the Atlantic coast of the United States: A case study of production analysis at Horn Point Laboratory. <i>Aquaculture</i> , 2022, 546, 737259.	3.5	14
18	Statistical significance approximation in local trend analysis of high-throughput time-series data using the theory of Markov chains. <i>BMC Bioinformatics</i> , 2015, 16, 301.	2.6	13

#	ARTICLE	IF	CITATIONS
19	Slow Particle Remineralization, Rather Than Suppressed Disaggregation, Drives Efficient Flux Transfer Through the Eastern Tropical North Pacific Oxygen Deficient Zone. <i>Global Biogeochemical Cycles</i> , 2022, 36, .	4.9	11
20	Variable particle size distributions reduce the sensitivity of global export flux to climate change. <i>Biogeosciences</i> , 2021, 18, 229-250.	3.3	10
21	New insights into relationships between active and dormant organisms, phylogenetic diversity and ecosystem productivity. <i>Molecular Ecology</i> , 2015, 24, 5767-5769.	3.9	8
22	Utilizing gnotobiotic models to inform the role of the microbiome in vaccine response heterogeneity. <i>Current Opinion in HIV and AIDS</i> , 2018, 13, 1-8.	3.8	8
23	Marine Bacterial, Archaeal, and Protistan Association Networks. , 2013, , 1-10.		2
24	Microbiota of <i>Crassostrea virginica</i> larvae during a hatchery crash and under normal production: Amplicon sequence data. <i>Data in Brief</i> , 2022, 40, 107755.	1.0	1
25	NetGAM: Using generalized additive models to improve the predictive power of ecological network analyses constructed using time-series data. <i>ISME Communications</i> , 2022, 2, .	4.2	1
26	Marine Bacterial, Archaeal, and Protistan Association Networks. , 2015, , 305-313.		0