Kelly D Goodwin

List of Publications by Year
in descending order

61	5,025	109321	138484
papers	citations	35 h-index	58 g-index

66	66	66	7978
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metagenomic and Metatranscriptomic Insights into Population Diversity of Microcystis Blooms: Spatial and Temporal Dynamics of mcy Genotypes, Including a Partial Operon That Can Be Abundant and Expressed. Applied and Environmental Microbiology, 2022, 88, e0246421.	3.1	25
2	Influence of nutrient supply on plankton microbiome biodiversity and distribution in a coastal upwelling region. Nature Communications, 2022, 13, 2448.	12.8	14
3	Expanding the temporal and spatial scales of environmental DNA research with autonomous sampling. Environmental DNA, 2022, 4, 972-984.	5.8	18
4	Improving metabarcoding taxonomic assignment: A case study of fishes in a large marine ecosystem. Molecular Ecology Resources, 2021, 21, 2546-2564.	4.8	48
5	Observing Life in the Sea Using Environmental DNA. Oceanography, 2021, 34, 102-119.	1.0	13
6	Finding Crush: Environmental DNA Analysis as a Tool for Tracking the Green Sea Turtle Chelonia mydas in a Marine Estuary. Frontiers in Marine Science, 2020, 6, .	2.5	20
7	Global Observational Needs and Resources for Marine Biodiversity. Frontiers in Marine Science, 2019, 6, .	2.5	77
8	Systematic review and meta-analysis of decay rates of waterborne mammalian viruses and coliphages in surface waters. Water Research, 2019, 164, 114898.	11.3	85
9	In situ Autonomous Acquisition and Preservation of Marine Environmental DNA Using an Autonomous Underwater Vehicle. Frontiers in Marine Science, 2019, 6, .	2.5	88
10	Red Sea SAR11 and Prochlorococcus Single-Cell Genomes Reflect Globally Distributed Pangenomes. Applied and Environmental Microbiology, 2019, 85, .	3.1	11
11	Molecular Approaches for an Operational Marine Biodiversity Observation Network. , 2019, , 613-631.		5
12	Effect of beach management policies on recreational water quality. Journal of Environmental Management, 2018, 212, 266-277.	7.8	17
13	Consideration of Natural Sources in a Bacteria TMDLâ€”Lines of Evidence, Including Beach Microbial Source Tracking. Environmental Science & Technology, 2017, 51, 7775-7784.	10.0	17
14	Differential Impacts of Land-Based Sources of Pollution on the Microbiota of Southeast Florida Coral Reefs. Applied and Environmental Microbiology, 2017, 83, .	3.1	43
15	A communal catalogue reveals Earthâ€™s multiscale microbial diversity. Nature, 2017, 551, 457-463.	27.8	1,942
16	Regional Assessment of Human Fecal Contamination in Southern California Coastal Drainages. International Journal of Environmental Research and Public Health, 2017, 14, 874.	2.6	15
17	DNA Sequencing as a Tool to Monitor Marine Ecological Status. Frontiers in Marine Science, 2017, 4, .	2.5	92
18	Watershed Assessment with Beach Microbial Source Tracking and Outcomes of Resulting Gull Management. Environmental Science & Technology, 2016, 50, 9900-9906.	10.0	17

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19	An assessment of US microbiome research. Nature Microbiology, 2016, 1, 15015.	13.3	101
20	The ocean sampling day consortium. GigaScience, 2015, 4, 27.	6.4	185
21	The founding charter of the Genomic Observatories Network. GigaScience, 2014, 3, 2.	6.4	51
22	A reassessment of the soil sink for atmospheric carbon tetrachloride based upon static flux chamber measurements. Journal of Atmospheric Chemistry, 2014, 71, 113-123.	3.2	9
23	Clonally Related Methicillin-Resistant Staphylococcus aureus Isolated from Short-Finned Pilot Whales (Globicephala macrorhynchus), Human Volunteers, and a Bayfront Cetacean Rehabilitation Facility. Microbial Ecology, 2013, 65, 1024-1038.	2.8	26
24	Human-Associated Methicillin-Resistant Staphylococcus aureus from a Subtropical Recreational Marine Beach. Microbial Ecology, 2013, 65, 1039-1051.	2.8	32
25	Sample preparation methods for quantitative detection of DNA by molecular assays and marine biosensors. Marine Pollution Bulletin, 2013, 73, 47-56.	5.0	15
26	Recommendations following a multi-laboratory comparison of microbial source tracking methods. Water Research, 2013, 47, 6829-6838.	11.3	53
27	Evaluation of the repeatability and reproducibility of a suite of qPCR-based microbial source tracking methods. Water Research, 2013, 47, 6839-6848.	11.3	56
28	Multi-laboratory evaluations of the performance of Catellicoccus marimammalium PCR assays developed to target gull fecal sources. Water Research, 2013, 47, 6883-6896.	11.3	58
29	Performance of human fecal anaerobe-associated PCR-based assays in a multi-laboratory method evaluation study. Water Research, 2013, 47, 6897-6908.	11.3	117
30	Performance evaluation of canine-associated Bacteroidales assays in a multi-laboratory comparison study. Water Research, 2013, 47, 6909-6920.	11.3	48
31	Occurrence and Persistence of Bacterial Pathogens and Indicator Organisms in Beach Sand along the California Coast. Applied and Environmental Microbiology, 2012, 78, 1733-1745.	3.1	92
32	Spatial and temporal variation in indicator microbe sampling is influential in beach management decisions. Water Research, 2012, 46, 2237-2246.	11.3	65
33	A multi-beach study of Staphylococcus aureus, MRSA, and enterococci in seawater and beach sand. Water Research, 2012, 46, 4195-4207.	11.3	81
34	Bacterial pathogens in Hawaiian coastal streamsâ€"Associations with fecal indicators, land cover, and water quality. Water Research, 2011, 45, 3279-3290.	11.3	117
35	Shedding of Staphylococcus aureus and methicillin-resistant Staphylococcus aureus from adult and pediatric bathers in marine waters. BMC Microbiology, 2011, 11, 5.	3.3	68
36	New USEPA water quality criteria by 2012: GOMA concerns and recommendations. Journal of Water and Health, 2011, 9, 718-733.	2.6	7

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37	Microbial Removal of Atmospheric Carbon Tetrachloride in Bulk Aerobic Soils. Applied and Environmental Microbiology, 2011, 77, 5835-5841.	3.1	6
38	Daily measures of microbes and human health at a non-point source marine beach. Journal of Water and Health, 2011, 9, 443-457.	2.6	43
39	The BEACHES Study: health effects and exposures from non-point source microbial contaminants in subtropical recreational marine waters. International Journal of Epidemiology, 2010, 39, 1291-1298.	1.9	123
40	Molecular detection of harmful algal blooms (HABs) using locked nucleic acids and bead array technology. Limnology and Oceanography: Methods, 2010, 8, 269-284.	2.0	13
41	Evaluation of Conventional and Alternative Monitoring Methods for a Recreational Marine Beach with Nonpoint Source of Fecal Contamination. Environmental Science & Technology, 2010, 44, 8175-8181.	10.0	51
42	Traditional and molecular analyses for fecal indicator bacteria in non-point source subtropical recreational marine waters. Water Research, 2010, 44, 3763-3772.	11.3	122
43	Faecal indicator bacteria enumeration in beach sand: a comparison study of extraction methods in medium to coarse sands. Journal of Applied Microbiology, 2009, 107, 1740-1750.	3.1	117
44	Performance of CHROMagarâ„¢ Staph aureus and CHROMagarâ„¢ MRSA for detection of Staphylococcus aureus in seawater and beach sand â€“ Comparison of culture, agglutination, and molecular analyses. Water Research, 2009, 43, 4802-4811.	11.3	46
45	Quantitative evaluation of enterococci and Bacteroidales released by adults and toddlers in marine water. Water Research, 2009, 43, 4610-4616.	11.3	44
46	Electrochemical detection of harmful algae and other microbial contaminants in coastal waters using hand-held biosensors. Marine Pollution Bulletin, 2007, 54, 757-770.	5.0	61
47	Luminex detection of fecal indicators in river samples, marine recreational water, and beach sand. Marine Pollution Bulletin, 2007, 54, 521-536.	5.0	51
48	An electrochemical RNA hybridization assay for detection of the fecal indicator bacterium Escherichia coli. Marine Pollution Bulletin, 2005, 50, 1251-1261.	5.0	48
49	Description of Toluene Inhibition of Methyl Bromide Biodegradation in Seawater and Isolation of a Marine Toluene Oxidizer That Degrades Methyl Bromide. Applied and Environmental Microbiology, 2005, 71, 3495-3503.	3.1	22
50	A DNA hybridization assay to identify toxic dinoflagellates in coastal waters: detection of Karenia brevis in the Rookery Bay National Estuarine Research Reserve. Harmful Algae, 2005, 4, 411-422.	4.8	17
51	Methyl bromide and methyl chloride in the Southern Ocean. Journal of Geophysical Research, 2004, 109, .	3.3	24
52	Methyl chloride and methyl bromide degradation in the Southern Ocean. Geophysical Research Letters, 2003, 30, .	4.0	27
53	Leisingera methylohalidivorans gen. nov., sp. nov., a marine methylotroph that grows on methyl bromide.. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 851-859.	1.7	72
54	methyl bromide loss rate constants in the north Pacific Ocean. Geophysical Research Letters, 2001, 28, 4429-4432.	4.0	19

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55	Consumption of Tropospheric Levels of Methyl Bromide by C 1 Compound-Utilizing Bacteria and Comparison to Saturation Kinetics. Applied and Environmental Microbiology, 2001, 67, 5437-5443.	3.1	54
56	Bacterial Oxidation of Dibromomethane and Methyl Bromide in Natural Waters and Enrichment Cultures. Applied and Environmental Microbiology, 1998, 64, 4629-4636.	3.1	63
57	Production of bromoform and dibromomethane by Giant Kelp: Factors affecting release and comparison to anthropogenic bromine sources. Limnology and Oceanography, 1997, 42, 1725-1734.	3.1	71
58	Marine Bacterial Degradation of Brominated Methanes. Environmental Science & Technology, 1997, 31, 3188-3192.	10.0	46
59	Laboratory production of bromoform, methylene bromide, and methyl iodide by macroalgae and distribution in nearshore southern California waters. Limnology and Oceanography, 1992, 37, 1652-1659.	3.1	147
60	Integrating Marine Omics into the Marine Biodiversity Observation Network (MBON) in Support of the UN Sustainable Development Goals (SDG) and Agenda 2030. Biodiversity Information Science and Standards, 0, 1, e20521.	0.0	1
61	Dominance of Sulfurospirillum in Metagenomes Associated with the Methane Ice Worm (Sirsoe) Tj ETQq1 1 0.784314 rgBT /O	3.1	2