Andrew R Juhl

List of Publications by Year
in descending order

33	1,819	331670	395702
papers	citations	21 h-index	33 g-index

34	34	34	3038
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Marine Microbial Eukaryote Transcriptome Sequencing Project (MMETSP): Illuminating the Functional Diversity of Eukaryotic Life in the Oceans through Transcriptome Sequencing. PLoS Biology, 2014, 12, e1001889.	5.6	885
2	Spatial patterns of pharmaceuticals and wastewater tracers in the Hudson River Estuary. Water Research, 2018, 137, 335-343.	11.3	93
3	Mobilization of Arsenic During One-Year Incubations of Grey Aquifer Sands from Araihazar, Bangladesh. Environmental Science & Technology, 2007, 41, 3639-3645.	10.0	62
4	MECHANISMS OF FLUID SHEARâ€INDUCED INHIBITION OF POPULATION GROWTH IN A REDâ€TIDE DINOFLAGELLATE1. Journal of Phycology, 2002, 38, 683-694.	2.3	59
5	Effect of growth conditions on flowâ€induced inhibition of population growth of a redâ€tide dinoflagellate. Limnology and Oceanography, 2000, 45, 905-915.	3.1	55
6	Elevated surface chlorophyll associated with natural oil seeps in the Gulf of Mexico. Nature Geoscience, 2016, 9, 215-218.	12.9	52
7	Effects of snow removal and algal photoacclimation on growth and export of ice algae. Polar Biology, 2010, 33, 1057-1065.	1.2	51
8	Effect of fluid shear and irradiance on population growth and cellular toxin content of the dinoflagellate Alexandrium fundyense. Limnology and Oceanography, 2001, 46, 758-764.	3.1	44
9	Environmental Controls on Coastal Coarse Aerosols: Implications for Microbial Content and Deposition in the Near-Shore Environment. Environmental Science & Technology, 2011, 45, 3386-3392.	10.0	35
10	Patterns of sediment-associated fecal indicator bacteria in an urban estuary: Benthic-pelagic coupling and implications for shoreline water quality. Science of the Total Environment, 2019, 656, 1168-1177.	8.0	34
11	Coupling of fog and marine microbial content in the near-shore coastal environment. Biogeosciences, 2012, 9, 803-813.	3.3	32
12	Transcriptional response of the harmful raphidophyte Heterosigma akashiwo to nitrate and phosphate stress. Harmful Algae, 2017, 68, 258-270.	4.8	32
13	Conserved Transcriptional Responses to Nutrient Stress in Bloom-Forming Algae. Frontiers in Microbiology, 2017, 8, 1279.	3.5	31
14	Growth rates and elemental composition of Alexandrium monilatum, a red-tide dinoflagellate. Harmful Algae, 2005, 4, 287-295.	4.8	30
15	Research challenges at the landâ€“sea interface. Estuarine, Coastal and Shelf Science, 2003, 58, 699-702.	2.1	27
16	Hydrodynamic stimulation of dinoflagellate bioluminescence: a computational and experimental study. Journal of Experimental Biology, 2004, 207, 1941-1951.	1.7	27
17	Local Environmental Pollution Strongly Influences Culturable Bacterial Aerosols at an Urban Aquatic Superfund Site. Environmental Science & Technology, 2012, 46, 10926-10933.	10.0	27
18	Challenges to Managing Microbial Fecal Pollution in Coastal Environments: Extra-Enteric Ecology and Microbial Exchange Among Water, Sediment, and Air. Current Pollution Reports, 2017, 3, 1-16.	6.6	27

#	Article	IF	Citations
19	Diverse CO2-Induced Responses in Physiology and Gene Expression among Eukaryotic Phytoplankton. Frontiers in Microbiology, 2017, 8, 2547.	3.5	27
20	Melt Procedure Affects the Photosynthetic Response of Sea Ice Algae. Frontiers in Earth Science, 2019, 7, .	1.8	27
21	Astaxanthin in Calanus pacificus : Assessment of pigment-based measures of omnivory. Limnology and Oceanography, 1996, 41, 1198-1207.	3.1	21
22	Anthropogenic inputs from a coastal megacity are linked to greenhouse gas concentrations in the surrounding estuary. Limnology and Oceanography, 2019, 64, 2497-2511.	3.1	21
23	Particle Association of Enterococcus and Total Bacteria in the Lower Hudson River Estuary, USA. Journal of Water Resource and Protection, 2011, 03, 715-725.	0.8	21
24	Light and nutrient effects on the settling characteristics of the sea ice diatom <scp>N</scp>itzschia frigida. Limnology and Oceanography, 2015, 60, 765-776.	3.1	17
25	Onshore Wind Speed Modulates Microbial Aerosols along an Urban Waterfront. Atmosphere, 2017, 8, 215.	2.3	16
26	Toxicity of Alexandrium lusitanicum to gastropod larvae is not caused by paralytic-shellfish-poisoning toxins. Harmful Algae, 2008, 7, 567-573.	4.8	15
27	Detecting copepod grazing on low-concentration populations of Alexandrium fundyense using PCR identification of ingested prey. Journal of Plankton Research, 2011, 33, 927-936.	1.8	12
28	Particle association of Enterococcus sp. increases growth rates and simulated persistence in water columns of varying light attenuation and turbulent diffusivity. Water Research, 2020, 186, 116140.	11.3	9
29	Geographic variability in amoeboid protists and other microbial groups in the water column of the lower Hudson River Estuary (New York, USA). Estuarine, Coastal and Shelf Science, 2014, 151, 45-53.	2.1	8
30	Effects of organic carbon enrichment on respiration rates, phosphatase activities, and abundance of heterotrophic bacteria and protists in organic-rich Arctic and mineral-rich temperate soil samples. Polar Biology, 2018, 41, 11-24.	1.2	7
31	Combined effects of simulated acidification and hypoxia on the harmful dinoflagellate Amphidinium carterae. Marine Biology, 2019, 166, 1.	1.5	7
32	The spatial information preservation method: Sampling the nanoscale spatial distribution of microorganisms. Limnology and Oceanography, 1998, 43, 298-306.	3.1	6
33	Sediment Resuspension and Associated Extracellular Enzyme Activities Measured ex situ: A Mechanism for Benthic-Pelagic Coupling in the Deep Gulf of Mexico. Frontiers in Marine Science, 2021, 8, .	2.5	1