

Kevin J Portune

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

1,240
citations

16
h-index

28
g-index

28
ext. papers

1,491
ext. citations

4.8
avg, IF

4.38
L-index

#	Paper	IF	Citations
25	CO ₂ control of <i>Trichodesmium</i> N ₂ fixation, photosynthesis, growth rates, and elemental ratios: Implications for past, present, and future ocean biogeochemistry. <i>Limnology and Oceanography</i> , 2007 , 52, 1293-1304	4.8	339
24	Gut microbiota role in dietary protein metabolism and health-related outcomes: The two sides of the coin. <i>Trends in Food Science and Technology</i> , 2016 , 57, 213-232	15.3	141
23	Species-level resolution of 16S rRNA gene amplicons sequenced through the MinION portable nanopore sequencer. <i>GigaScience</i> , 2016 , 5, 4	7.6	123
22	Improved quantitative real-time PCR assays for enumeration of harmful algal species in field samples using an exogenous DNA reference standard. <i>Limnology and Oceanography: Methods</i> , 2005 , 3, 381-391	2.6	111
21	Gut microbiota, diet, and obesity-related disorders-The good, the bad, and the future challenges. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600252	5.9	106
20	Using quantitative real-time PCR to study competition and community dynamics among Delaware Inland Bays harmful algae in field and laboratory studies. <i>Harmful Algae</i> , 2008 , 7, 599-613	5.3	61
19	Grape seed proanthocyanidins influence gut microbiota and enteroendocrine secretions in female rats. <i>Food and Function</i> , 2018 , 9, 1672-1682	6.1	47
18	Evaluating vertical migration behavior of harmful raphidophytes in the Delaware Inland Bays utilizing quantitative real-time PCR. <i>Aquatic Microbial Ecology</i> , 2005 , 40, 121-132	1.1	45
17	Development and heat stress-induced transcriptomic changes during embryogenesis of the scleractinian coral <i>Acropora palmata</i> . <i>Marine Genomics</i> , 2010 , 3, 51-62	1.9	43
16	Modulation of the Gut Microbiota by Olive Oil Phenolic Compounds: Implications for Lipid Metabolism, Immune System, and Obesity. <i>Nutrients</i> , 2020 , 12,	6.7	29
15	Abatement of styrene waste gas emission by biofilter and biotrickling filter: comparison of packing materials and inoculation procedures. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 19-32	5.7	24
14	Investigating bacterial populations in styrene-degrading biofilters by 16S rDNA tag pyrosequencing. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 3-18	5.7	24
13	An instrument for collecting discrete large-volume water samples suitable for ecological studies of microorganisms. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2004 , 51, 1781-1792	2.5	23
12	Towards microbiome-informed dietary recommendations for promoting metabolic and mental health: Opinion papers of the MyNewGut project. <i>Clinical Nutrition</i> , 2018 , 37, 2191-2197	5.9	20
11	ANTIOXIDANT ENZYME RESPONSE AND REACTIVE OXYGEN SPECIES PRODUCTION IN MARINE RAPHDOPHYTES ¹ . <i>Journal of Phycology</i> , 2010 , 46, 1161-1171	3	18
10	<i>Bifidobacterium pseudocatenulatum</i> CECT7765 induces an M2 anti-inflammatory transition in macrophages from patients with cirrhosis. <i>Journal of Hepatology</i> , 2016 , 64, 135-45	13.4	16
9	Quantitative real-time PCR for detecting germination of <i>Heterosigma akashiwo</i> and <i>Chattonella subsalsa</i> cysts from Delaware Inland Bays, USA. <i>Aquatic Microbial Ecology</i> , 2009 , 55, 229-239	1.1	14

8	An instrument for collecting discrete large-volume water samples suitable for ecological studies of microorganisms 2004 , 51, 1781-1781		9
7	Contribution of bacterial biodiversity on the operational performance of a styrene biotrickling filter. <i>Chemosphere</i> , 2020 , 247, 125800	8.4	9
6	Fatty Acid Profile of Mature Red Blood Cell Membranes and Dietary Intake as a New Approach to Characterize Children with Overweight and Obesity. <i>Nutrients</i> , 2020 , 12,	6.7	8
5	NOD1 deficiency promotes an imbalance of thyroid hormones and microbiota homeostasis in mice fed high fat diet. <i>Scientific Reports</i> , 2020 , 10, 12317	4.9	8
4	Improved hemodynamic and liver function in portal hypertensive cirrhotic rats after administration of <i>B. pseudocatenuatum</i> CECT 7765. <i>European Journal of Nutrition</i> , 2019 , 58, 1647-1658	5.2	7
3	<i>Bacteroides uniformis</i> CECT 7771 alleviates inflammation within the gut-adipose tissue axis involving TLR5 signaling in obese mice. <i>Scientific Reports</i> , 2021 , 11, 11788	4.9	6
2	Potential of Erythrocyte Membrane Lipid Profile as a Novel Inflammatory Biomarker to Distinguish Metabolically Healthy Obesity in Children. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	5
1	Molecular Differences Based on Erythrocyte Fatty Acid Profile to Personalize Dietary Strategies between Adults and Children with Obesity. <i>Metabolites</i> , 2021 , 11,	5.6	3