

Kevin J Portune

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,731
citations

430442

18
h-index

525886

27
g-index

28
all docs

28
docs citations

28
times ranked

2942
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.6	409
2	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.	7.8	237
3	Species-level resolution of 16S rRNA gene amplicons sequenced through the MinION [®] , a portable nanopore sequencer. <i>GigaScience</i> , 2016, 5, 4.	3.3	176
4	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.	1.5	143
5	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.	1.0	130
6	Grape seed proanthocyanidins influence gut microbiota and enteroendocrine secretions in female rats. <i>Food and Function</i> , 2018, 9, 1672-1682.	2.1	87
7	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.	2.2	63
8	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.	0.9	60
9	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.	0.4	49
10	Modulation of the Gut Microbiota by Olive Oil Phenolic Compounds: Implications for Lipid Metabolism, Immune System, and Obesity. <i>Nutrients</i> , 2020, 12, 2200.	1.7	48
11	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.	1.7	34
12	<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.	1.6	33
13	<i>Bifidobacterium pseudocatenulatum</i> CECT7765 induces an M2 anti-inflammatory transition in macrophages from patients with cirrhosis. <i>Journal of Hepatology</i> , 2016, 64, 135-145.	1.8	31
14	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.	0.6	30
15	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.	2.3	29
16	Investigating bacterial populations in styrene-degrading biofilters by 16S rDNA tag pyrosequencing. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 3-18.	1.7	28
17	ANTIOXIDANT ENZYME RESPONSE AND REACTIVE OXYGEN SPECIES PRODUCTION IN MARINE RAPHDOPHYTES ¹ . <i>Journal of Phycology</i> , 2010, 46, 1161-1171.	1.0	21
18	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, 3446.	1.7	20

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19	Quantitative real-time PCR for detecting germination of <i>Heterosigma akashiwo</i> and <i>Chattonella subsalsa</i> cysts from Delaware's Inland Bays, USA. <i>Aquatic Microbial Ecology</i> , 2009, 55, 229-239.	0.9	19
20	Contribution of bacterial biodiversity on the operational performance of a styrene biotrickling filter. <i>Chemosphere</i> , 2020, 247, 125800.	4.2	17
21	NOD1 deficiency promotes an imbalance of thyroid hormones and microbiota homeostasis in mice fed high fat diet. <i>Scientific Reports</i> , 2020, 10, 12317.	1.6	15
22	Improved hemodynamic and liver function in portal hypertensive cirrhotic rats after administration of <i>B. pseudocatenulatum</i> CECT 7765. <i>European Journal of Nutrition</i> , 2019, 58, 1647-1658.	1.8	13
23	Molecular Differences Based on Erythrocyte Fatty Acid Profile to Personalize Dietary Strategies between Adults and Children with Obesity. <i>Metabolites</i> , 2021, 11, 43.	1.3	11
24	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, 337.	1.1	10
25	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.	0.6	9
26	Erythrocyte Membrane Nanomechanical Rigidity Is Decreased in Obese Patients. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1920.	1.8	8
27	A Journey through ω -3 Supplements: Future Perspectives for Precision Nutrition. <i>Journal of Food and Nutrition Research (Newark, Del)</i> , 2020, 8, 556-560.	0.1	1