Sean M Tibbetts

List of Publications by Year
in descending order

23 papers	1,210 citations	471509 17 h-index	677142 22 g-index
23 all docs	23 docs citations	23 times ranked	1354 citing authors

#	Article	IF	Citations
1	Chemical composition and nutritional properties of freshwater and marine microalgal biomass cultured in photobioreactors. Journal of Applied Phycology, 2015, 27, 1109-1119.	2.8	249
2	Apparent protein and energy digestibility of common and alternative feed ingredients by Atlantic cod, Gadus morhua (Linnaeus, 1758). Aquaculture, 2006, 261, 1314-1327.	3.5	137
3	Microalgae as Sources of High-Quality Protein for Human Food and Protein Supplements. Foods, 2021, 10, 3002.	4.3	97
4	Nutritional quality of some wild and cultivated seaweeds: Nutrient composition, total phenolic content and in vitro digestibility. Journal of Applied Phycology, 2016, 28, 3575-3585.	2.8	95
5	Biochemical characterization of microalgal biomass from freshwater species isolated in Alberta, Canada for animal feed applications. Algal Research, 2015, 11, 435-447.	4.6	85
6	Nutrition, Feeding, and Behavior of Fish. Veterinary Clinics of North America - Exotic Animal Practice, 2009, 12, 361-372.	0.7	78
7	Apparent digestibility of nutrients, energy, essential amino acids and fatty acids of juvenile Atlantic salmon (Salmo salar L.) diets containing whole-cell or cell-ruptured Chlorella vulgaris meals at five dietary inclusion levels. Aquaculture, 2017, 481, 25-39.	3.5	71
8	Apparent digestibility of common feed ingredients by juvenile haddock, Melanogrammus aeglefinus L.. Aquaculture Research, 2004, 35, 643-651.	1.8	51
9	Biochemical composition and amino acid profiles of Nannochloropsis granulata algal biomass before and after supercritical fluid CO2 extraction at two processing temperatures. Animal Feed Science and Technology, 2015, 204, 62-71.	2.2	50
10	Microalgae cultivation in thin stillage anaerobic digestate for nutrient recovery and bioproduct production. Algal Research, 2020, 47, 101867.	4.6	47
11	In vitro prediction of digestible protein content of marine microalgae (Nannochloropsis granulata) meals for Pacific white shrimp (Litopenaeus vannamei) and rainbow trout (Oncorhynchus mykiss). Algal Research, 2017, 21, 76-80.	4.6	43
12	Nutrient composition and protein quality of microalgae meals produced from the marine prymnesiophyte Pavlova sp. 459 mass-cultivated in enclosed photobioreactors for potential use in salmonid aquafeeds. Journal of Applied Phycology, 2020, 32, 299-318.	2.8	34
13	Apparent digestibility of proximate nutrients, energy and fatty acids in nutritionally-balanced diets with partial or complete replacement of dietary fish oil with microbial oil from a novel Schizochytrium sp. (T18) by juvenile Atlantic salmon (Salmo salar L.). Aquaculture, 2020, 520, 735003.	3.5	33
14	In vitro digestion of microalgal biomass from freshwater species isolated in Alberta, Canada for monogastric and ruminant animal feed applications. Algal Research, 2016, 19, 324-332.	4.6	30
15	A Rat Study to Evaluate the Protein Quality of Three Green Microalgal Species and the Impact of Mechanical Cell Wall Disruption. Foods, 2020, 9, 1531.	4.3	20
16	Nutritional Evaluation of Whole and Lipid-Extracted Biomass of the Microalga Scenedesmus sp. AMDD Isolated in Saskatchewan, Canada for Animal Feeds: Proximate, Amino Acid, Fatty Acid, Carotenoid and Elemental Composition. Current Biotechnology, 2016, 4, 530-546.	0.4	20
17	In vitro pH-Stat protein hydrolysis of feed ingredients for Atlantic cod, Gadus morhua. 2. In vitro protein digestibility of common and alternative feed ingredients. Aquaculture, 2011, 319, 407-416.	3.5	18
18	Nutritional quality and bioactive properties of proteins and peptides from microalgae. , 2020, , 493-531.		15

#	Article	IF	Citations
19	Apparent digestibility coefficients (ADCs) of intact-cell marine microalgae meal (Pavlova sp. 459) for juvenile Atlantic salmon (Salmo salar L.). Aquaculture, 2022, 546, 737236.	3.5	14
20	Nutritional Evaluation of Whole and Lipid-Extracted Biomass of the Microalga Scenedesmus sp. AMDD for Animal Feeds: Simulated Ruminal Fermentation and In Vitro Monogastric Digestibility. Current Biotechnology, 2017, 6, .	0.4	7
21	Dietary inclusion of a marine microalgae meal for Atlantic salmon (Salmo salar): Impact of Pavlova sp. 459 on growth performance and tissue lipid composition. Aquaculture, 2022, 553, 738084.	3.5	7
22	Apparent digestibility coefficients of proximate nutrients and essential amino acids from a singleâ€cell protein meal derived fromMethylobacterium extorquensfor preâ€smolt Atlantic salmon (Salmo salarL.). Aquaculture Research, 2021, 52, 6818-6823.	1.8	6
23	Growth, Survival, and Wholeâ€body Proximate and Fatty Acid Composition of Haddock, <scp>Melanogrammus aeglefinus</scp> L., Postlarvae Fed a Practical Microparticulate Weaning Diet. Journal of the World Aquaculture Society, 2018, 49, 83-95.	2.4	3