

Pedro Araújo

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,650
citations

394286

19
h-index

289141

40
g-index

57
all docs

57
docs citations

57
times ranked

2537
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of dietary zinc and seawater transfer on zinc status, availability, endogenous loss and osmoregulatory responses in Atlantic salmon smolt fed low fish meal feeds. <i>Aquaculture</i> , 2022, 549, 737804.	1.7	4
2	A rapid acid hydrolysis method for the determination of chitin in fish feed supplemented with black soldier fly (<i>Hermetia illucens</i>) larvae. <i>Heliyon</i> , 2022, 8, e09759.	1.4	1
3	Increasing the dietary n-6/n-3 ratio alters the hepatic eicosanoid production after acute stress in Atlantic salmon (<i>Salmo salar</i>). <i>Aquaculture</i> , 2021, 534, 736272.	1.7	14
4	Differential production of prostaglandins and prostacyclins by liver and head kidney cells from Atlantic salmon challenged with arachidonic and eicosapentaenoic acids. <i>Fish and Shellfish Immunology Reports</i> , 2021, 2, 100015.	0.5	1
5	The impact of seawater warming on fatty acid composition and nutritional quality indices of <i>Trematomus bernacchii</i> from the Antarctic region. <i>Food Chemistry</i> , 2021, 365, 130500.	4.2	8
6	Challenges Ahead for a Rational Analysis of Vitamin D in Athletes. <i>Frontiers in Nutrition</i> , 2021, 8, 712335.	1.6	0
7	Fatty Acid Reference Intervals in Red Blood Cells among Pregnant Women in Norwayâ€“Cross Sectional Data from the â€“Little in Norwayâ€™ Cohort. <i>Nutrients</i> , 2020, 12, 2950.	1.7	9
8	Vitamin D Supplementation during Winter: Effects on Stress Resilience in a Randomized Control Trial. <i>Nutrients</i> , 2020, 12, 3258.	1.7	4
9	A new correction for controlling family-wise error rate in multiple comparison studies. <i>Accreditation and Quality Assurance</i> , 2020, 25, 167-169.	0.4	1
10	Resveratrol inhibited LPS induced transcription of immune genes and secretion of eicosanoids in Atlantic salmon (<i>Salmo salar</i>), comparing mono-, co- and a novel triple cell culture model of head kidney leukocytes, liver cells and visceral adipocyte tissue. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 224, 108560.	1.3	7
11	Modeling the influence of time and temperature on the levels of fatty acids in the liver of Antarctic fish <i>Trematomus bernacchii</i> . <i>Polar Biology</i> , 2019, 42, 2017-2030.	0.5	6
12	Apparent availability of zinc, selenium and manganese as inorganic metal salts or organic forms in plant-based diets for Atlantic salmon (<i>Salmo salar</i>). <i>Aquaculture</i> , 2019, 503, 562-570.	1.7	30
13	The Effect of Omega-3 and Omega-6 Polyunsaturated Fatty Acids on the Production of Cyclooxygenase and Lipoxygenase Metabolites by Human Umbilical Vein Endothelial Cells. <i>Nutrients</i> , 2019, 11, 966.	1.7	25
14	A novel strategy for discriminating marine oils by using the positional distribution (sn-1, sn-2, sn-3) of omega-3 polyunsaturated fatty acids in triacylglycerols. <i>Talanta</i> , 2018, 182, 32-37.	2.9	12
15	Effect of storage time, temperature, antioxidant and thawing on fatty acid composition of plasma, serum and red blood cells â€“ A pilot biobank study. <i>Clinical Biochemistry</i> , 2018, 52, 94-105.	0.8	5
16	Uptake of heavy metals and arsenic in black soldier fly (<i>Hermetia illucens</i>) larvae grown on seaweed-enriched media. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 2176-2183.	1.7	62
17	A comparative study: Difference in omega-6/omega-3 balance and saturated fat in diets for Atlantic salmon (<i>Salmo salar</i>) affect immune-, fat metabolism-, oxidative and apoptotic-gene expression, and eicosanoid secretion in head kidney leukocytes. <i>Fish and Shellfish Immunology</i> , 2018, 72, 57-68.	1.6	22
18	Modulation of nutrient composition of black soldier fly (<i>Hermetia illucens</i>) larvae by feeding seaweed-enriched media. <i>PLoS ONE</i> , 2017, 12, e0183188.	1.1	271

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19	Comments on Boelaert et al. Determination of Asymmetric and Symmetric Dimethylarginine in Serum from Patients with Chronic Kidney Disease: UPLC-MS/MS versus ELISA. <i>Toxins</i> 2016, 8, 149. <i>Toxins</i> , 2016, 8, 311.	1.5	2
20	Hydrolyzed fish proteins modulates both inflammatory and antioxidant gene expression as well as protein expression in a co culture model of liver and head kidney cells isolated from Atlantic salmon (<i>Salmo salar</i>). <i>Fish and Shellfish Immunology</i> , 2016, 54, 22-29.	1.6	6
21	An LC-MS-based lipidomics approach for studying the impact of dietary eicosapentaenoic acid on modulating methylmercury toxicity in mice. <i>Metabolomics</i> , 2016, 12, 1.	1.4	3
22	A simple liquid extraction protocol for overcoming the ion suppression of triacylglycerols by phospholipids in liquid chromatography mass spectrometry studies. <i>Talanta</i> , 2016, 148, 463-471.	2.9	8
23	Combining eicosapentaenoic acid, decosahexaenoic acid and arachidonic acid, using a fully crossed design, affect gene expression and eicosanoid secretion in salmon head kidney cells <i>in vitro</i> . <i>Fish and Shellfish Immunology</i> , 2015, 45, 695-703.	1.6	17
24	The impact of exogenous ω -6 and ω -3 polyunsaturated fatty acids on the induced production of pro- and anti-inflammatory prostaglandins and leukotrienes in Atlantic salmon head kidney cells using a full factorial design and LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 964, 164-171.	1.2	9
25	Determination and Structural Elucidation of Triacylglycerols in Krill Oil by Chromatographic Techniques. <i>Lipids</i> , 2014, 49, 163-172.	0.7	53
26	A co culture approach show that polyamine turnover is affected during inflammation in Atlantic salmon immune and liver cells and that arginine and LPS exerts opposite effects on p38MAPK signaling. <i>Fish and Shellfish Immunology</i> , 2014, 37, 286-298.	1.6	40
27	Development and validation of an extraction method for the determination of pro-inflammatory eicosanoids in human plasma using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1353, 57-64.	1.8	8
28	Accurate measurement of nitrate, nitrite, and S-nitrosothiols in biological samples by mass spectrometry. <i>Free Radical Biology and Medicine</i> , 2013, 65, 301-304.	1.3	2
29	Cytokine gene expression and prostaglandin production in head kidney leukocytes isolated from Atlantic cod (<i>Gadus morhua</i>) added different levels of arachidonic acid and eicosapentaenoic acid. <i>Fish and Shellfish Immunology</i> , 2013, 34, 770-777.	1.6	47
30	Dietary eicosapentaenoic acid supplementation accentuates hepatic triglyceride accumulation in mice with impaired fatty acid oxidation capacity. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 291-299.	1.2	39
31	Chemometrics in chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 910, 1.	1.2	5
32	Application of Doehlert uniform shell designs for selecting optimal amounts of internal standards in the analysis of prostaglandins and leukotrienes by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1260, 102-110.	1.8	16
33	Development of an extraction method for the determination of prostaglandins in biological tissue samples using liquid chromatography-tandem mass spectrometry: Application to gonads of Atlantic cod (<i>Gadus morhua</i>). <i>Analytica Chimica Acta</i> , 2012, 749, 51-55.	2.6	2
34	Pathogen recognition and mechanisms in Atlantic cod (<i>Gadus morhua</i>) head kidney cells. <i>Fish and Shellfish Immunology</i> , 2012, 33, 267-276.	1.6	30
35	Doehlert uniform shell designs and chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 910, 14-21.	1.2	28
36	Evaluation of different fingerprinting strategies for differentiating marine oils by liquid chromatography ion-trap mass spectrometry and chemometrics. <i>Analyst</i> , The, 2011, 136, 1507.	1.7	7

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37	Subjective food hypersensitivity: assessment of enterochromaffin cell markers in blood and gut lavage fluid. <i>International Journal of General Medicine</i> , 2011, 4, 555.	0.8	5
38	Discrimination of ω -3 Rich Oils by Gas Chromatography. <i>Lipids</i> , 2010, 45, 1147-1158.	0.7	22
39	Unbound DHA causes a high blank value in δ -5 oxidation assay: a concern for <i>in vitro</i> studies. <i>European Journal of Lipid Science and Technology</i> , 2010, 112, 333-342.	1.0	9
40	UCP1 Induction during Recruitment of Brown Adipocytes in White Adipose Tissue Is Dependent on Cyclooxygenase Activity. <i>PLoS ONE</i> , 2010, 5, e11391.	1.1	174
41	Epidermis-Type Lipoxygenase 3 Regulates Adipocyte Differentiation and Peroxisome Proliferator-Activated Receptor δ Activity. <i>Molecular and Cellular Biology</i> , 2010, 30, 4077-4091.	1.1	45
42	Elucidation of triacylglycerols in cod liver oil by liquid chromatography electrospray tandem ion-trap mass spectrometry. <i>Talanta</i> , 2010, 82, 1261-1270.	2.9	29
43	Key aspects of analytical method validation and linearity evaluation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 2224-2234.	1.2	320
44	A randomized double blind comparison of short-term duodenally administrated whale and seal blubber oils in patients with inflammatory bowel disease and joint pain. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2009, 81, 425-432.	1.0	6
45	Evaluation of a rapid method for the quantitative analysis of fatty acids in various matrices. <i>Journal of Chromatography A</i> , 2008, 1212, 106-113.	1.8	96
46	Direct determination of serotonin in gut lavage fluid by liquid chromatographic ion trap tandem mass spectrometry. <i>Talanta</i> , 2008, 75, 466-472.	2.9	16
47	Direct Injection of Redissolved Cell Culture Media into a Single-Column Liquid Chromatography Coupled to Mass Spectrometry for the Measurement of PGE ₂ . <i>The Open Analytical Chemistry Journal</i> , 2008, 2, 62-66.	2.0	4
48	Improved quantification of prostaglandins in biological samples by optimizing simultaneously the relationship eicosanoid/internal standard and using liquid chromatography tandem mass spectrometry. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2007, 77, 9-13.	1.0	6
49	Statistical power and analytical quantification. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 847, 305-308.	1.2	23
50	Hierarchical classification designs for the estimation of different sources of variability in proficiency testing experiments. <i>Analytica Chimica Acta</i> , 2006, 555, 348-353.	2.6	16
51	Experimental design considerations in quantification experiments by using the internal standard technique: Cholesterol determination by gas chromatography as a case study. <i>Journal of Chromatography A</i> , 2006, 1121, 99-105.	1.8	24
52	Optimisation of an extraction method for the determination of prostaglandin E ₂ in plasma using experimental design and liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 830, 212-217.	1.2	18
53	Chemometric approaches in calibration experiments of trilinolenoylglycerol by liquid chromatography ion-trap mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 388-396.	1.2	5
54	Statistical approach to the rational selection of experimental subjects. <i>Accreditation and Quality Assurance</i> , 2005, 10, 185-189.	0.4	7

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55	A new high performance liquid chromatography multifactor methodology for systematic and simultaneous optimisation of the gradient solvent system and the instrumental/experimental variables. TrAC - Trends in Analytical Chemistry, 2000, 19, 524-529.	5.8	19