

# Sachi Kaushik

## List of Publications by Year in Descending Order

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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.

259  
papers

15,857  
citations

72  
h-index

113  
g-index

267  
ext. papers

17,383  
ext. citations

3.6  
avg, IF

6.44  
L-index

#	Paper	IF	Citations
259	Bioenergetics <b>2022</b> , 17-55		1
258	Protein and amino acids <b>2022</b> , 181-302		3
257	Faecal waste production, characteristics and recovery in European seabass ( <i>Dicentrarchus labrax</i> ) is affected by dietary ingredient composition. <i>Aquaculture</i> , <b>2022</b> , 548, 737582	4.4	0
256	Selection for high growth improves reproductive performance of gilthead seabream <i>Sparus aurata</i> under mass spawning conditions, regardless of the dietary lipid source. <i>Animal Reproduction Science</i> , <b>2022</b> , 106989	2.1	1
255	Complete replacement of fish oil by three microalgal products rich in n-3 long-chain polyunsaturated fatty acids in early weaning microdiets for gilthead sea bream ( <i>Sparus aurata</i> ). <i>Aquaculture</i> , <b>2022</b> , 738354	4.4	2
254	Tissue localization of selenium of parental or dietary origin in rainbow trout ( <i>Oncorhynchus mykiss</i> ) fry using LA-ICP MS bioimaging. <i>Metallomics</i> , <b>2021</b> , 13,	4.5	2
253	Long-term effect of parental selenium supplementation on the one-carbon metabolism in rainbow trout () fry exposed to hypoxic stress. <i>British Journal of Nutrition</i> , <b>2021</b> , 1-12	3.6	0
252	Influence of Genetic Selection for Growth and Broodstock Diet n-3 LC-PUFA Levels on Reproductive Performance of Gilthead Seabream,. <i>Animals</i> , <b>2021</b> , 11,	3.1	2
251	Organic Selenium (OH-MetSe) Effect on Whole Body Fatty Acids and Gene Expression against Viral Infection in Gilthead Seabream () Juveniles. <i>Animals</i> , <b>2021</b> , 11,	3.1	2
250	Nutrition and Metabolism of Minerals in Fish. <i>Animals</i> , <b>2021</b> , 11,	3.1	12
249	Oxidative stress and antioxidant response in rainbow trout fry exposed to acute hypoxia is affected by selenium nutrition of parents and during first exogenous feeding. <i>Free Radical Biology and Medicine</i> , <b>2020</b> , 155, 99-113	7.8	11
248	Nutrient footprint and ecosystem services of carp production in European fishponds in contrast to EU crop and livestock sectors. <i>Journal of Cleaner Production</i> , <b>2020</b> , 270, 122268	10.3	10
247	Effect of selenium sources in plant-based diets on antioxidant status and oxidative stress-related parameters in rainbow trout juveniles under chronic stress exposure. <i>Aquaculture</i> , <b>2020</b> , 529, 735684	4.4	9
246	Nutrition and Feeding of Rainbow Trout ( <i>Oncorhynchus mykiss</i> ) <b>2020</b> , 299-332		1
245	Variable impacts of L-arginine or L-NAME during early life on molecular and cellular markers of muscle growth mechanisms in rainbow trout. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2020</b> , 242, 110652	2.6	1
244	Parental LC-PUFA biosynthesis capacity and nutritional intervention with alpha-linolenic acid affect performance of progeny. <i>Journal of Experimental Biology</i> , <b>2020</b> , 223,	3	4
243	The Relationship between the Expression of Fatty Acyl Desaturase 2 () Gene in Peripheral Blood Cells (PBCs) and Liver in Gilthead Seabream, Broodstock Fed a Low n-3 LC-PUFA Diet. <i>Life</i> , <b>2020</b> , 10,	3	1

242	Parental Selenium Nutrition Affects the One-Carbon Metabolism and the Hepatic DNA Methylation Pattern of Rainbow Trout ( ) in the Progeny. <i>Life</i> , <b>2020</b> , 10,	3	5
241	Reproductive performance of gilthead seabream ( <i>Sparus aurata</i> ) broodstock showing different expression of fatty acyl desaturase 2 and fed two dietary fatty acid profiles. <i>Scientific Reports</i> , <b>2020</b> , 10, 15547	4.9	7
240	Effects of different dietary selenium sources on growth performance, liver and muscle composition, antioxidant status, stress response and expression of related genes in gilthead seabream ( <i>Sparus aurata</i> ). <i>Aquaculture</i> , <b>2019</b> , 507, 251-259	4.4	30
239	Effect of dietary selenium in rainbow trout ( <i>Oncorhynchus mykiss</i> ) broodstock on antioxidant status, its parental transfer and oxidative status in the progeny. <i>Aquaculture</i> , <b>2019</b> , 507, 126-138	4.4	15
238	Dietary ingredient composition alters faecal characteristics and waste production in common carp reared in recirculation system. <i>Aquaculture</i> , <b>2019</b> , 512, 734357	4.4	4
237	Feed-based common carp farming and eutrophication: is there a reason for concern?. <i>Reviews in Aquaculture</i> , <b>2019</b> , 12, 1736	8.9	2
236	Influence of Dietary Astaxanthin on the Hepatic Oxidative Stress Response Caused by Episodic Hyperoxia in Rainbow Trout. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	5
235	Evaluating dietary supply of microminerals as a premix in a complete plant ingredient-based diet to juvenile rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Aquaculture Nutrition</i> , <b>2018</b> , 24, 539-547	3.2	16
234	Effect of dietary methionine level on muscle growth mechanisms in juvenile rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Aquaculture</i> , <b>2018</b> , 483, 273-285	4.4	38
233	Water exchange rate in RAS and dietary inclusion of micro-minerals influence growth, body composition and mineral metabolism in common carp. <i>Aquaculture</i> , <b>2017</b> , 471, 8-18	4.4	12
232	Effects of dietary methionine and taurine supplementation to low-fish meal diets on growth performance and oxidative status of European sea bass ( <i>Dicentrarchus labrax</i> ) juveniles. <i>Aquaculture</i> , <b>2017</b> , 479, 447-454	4.4	60
231	Disease resistance and response against <i>Vibrio anguillarum</i> intestinal infection in European seabass ( <i>Dicentrarchus labrax</i> ) fed low fish meal and fish oil diets. <i>Fish and Shellfish Immunology</i> , <b>2017</b> , 67, 302-313	4.4	21
230	Combined replacement of fishmeal and fish oil in European sea bass ( <i>Dicentrarchus labrax</i> ): Production performance, tissue composition and liver morphology. <i>Aquaculture</i> , <b>2017</b> , 474, 101-112	4.4	39
229	Parental and early-feeding effects of dietary methionine in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Aquaculture</i> , <b>2017</b> , 469, 16-27	4.4	30
228	Dietary arginine supplementation does not improve nutrient utilisation in gilthead seabream. <i>Aquaculture</i> , <b>2017</b> , 479, 690-695	4.4	12
227	Effect of fishmeal and fish oil replacement by vegetable meals and oils on gut health of European sea bass ( <i>Dicentrarchus labrax</i> ). <i>Aquaculture</i> , <b>2017</b> , 468, 386-398	4.4	73
226	Molecular pathways associated with the nutritional programming of plant-based diet acceptance in rainbow trout following an early feeding exposure. <i>BMC Genomics</i> , <b>2016</b> , 17, 449	4.5	51
225	Mineral requirements of fish: a systematic review. <i>Reviews in Aquaculture</i> , <b>2016</b> , 8, 172-219	8.9	110

224	Responses in Micro-Mineral Metabolism in Rainbow Trout to Change in Dietary Ingredient Composition and Inclusion of a Micro-Mineral Premix. <i>PLoS ONE</i> , <b>2016</b> , 11, e0149378	3.7	13
223	Hepatic fatty acid biosynthesis is more responsive to protein than carbohydrate in rainbow trout during acute stimulations. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2016</b> , 310, R74-86	3.2	11
222	Dietary arginine surplus does not improve intestinal nutrient absorption capacity, amino acid metabolism and oxidative status of gilthead sea bream ( <i>Sparus aurata</i> ) juveniles. <i>Aquaculture</i> , <b>2016</b> , 464, 480-488	4.4	19
221	Influence of Dietary Selenium Species on Selenoamino Acid Levels in Rainbow Trout. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 6484-92	5.7	20
220	Influence of lupin and rapeseed meals on the integrity of digestive tract and organs in gilthead seabream ( <i>Sparus aurata</i> L.) and goldfish ( <i>Carassius auratus</i> L.) juveniles. <i>Aquaculture Nutrition</i> , <b>2015</b> , 21, 223-233	3.2	14
219	Comprehensive biometric, biochemical and histopathological assessment of nutrient deficiencies in gilthead sea bream fed semi-purified diets. <i>British Journal of Nutrition</i> , <b>2015</b> , 114, 713-26	3.6	25
218	Influence of the forms and levels of dietary selenium on antioxidant status and oxidative stress-related parameters in rainbow trout ( <i>Oncorhynchus mykiss</i> ) fry. <i>British Journal of Nutrition</i> , <b>2015</b> , 113, 1876-87	3.6	52
217	Post-prandial changes in plasma mineral levels in rainbow trout fed a complete plant ingredient based diet and the effect of supplemental di-calcium phosphate. <i>Aquaculture</i> , <b>2014</b> , 430, 34-43	4.4	27
216	Dietary medium chain fatty acids from coconut oil have little effects on postprandial plasma metabolite profiles in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Aquaculture</i> , <b>2014</b> , 420-421, 24-31	4.4	28
215	The effects of dietary carbohydrate sources and forms on metabolic response and intestinal microbiota in sea bass juveniles, <i>Dicentrarchus labrax</i> . <i>Aquaculture</i> , <b>2014</b> , 422-423, 47-53	4.4	46
214	Antioxidant defense system is altered by dietary oxidized lipid in first-feeding rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Aquaculture</i> , <b>2014</b> , 424-425, 220-227	4.4	66
213	Dietary methionine availability affects the main factors involved in muscle protein turnover in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>British Journal of Nutrition</i> , <b>2014</b> , 112, 493-503	3.6	62
212	Dietary oils mediate cortisol kinetics and the hepatic mRNA expression profile of stress-responsive genes in gilthead sea bream ( <i>Sparus aurata</i> ) exposed to crowding stress. Implications on energy homeostasis and stress susceptibility. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2013</b> , 8, 123-30	2	30
211	Quantifying dietary phosphorus requirement of fish: a meta-analytic approach. <i>Aquaculture Nutrition</i> , <b>2013</b> , 19, 233-249	3.2	43
210	Apparent low ability of liver and muscle to adapt to variation of dietary carbohydrate:protein ratio in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>British Journal of Nutrition</i> , <b>2013</b> , 109, 1359-72	3.6	46
209	Voluntary feed intake in rainbow trout is regulated by diet-induced differences in oxygen use. <i>Journal of Nutrition</i> , <b>2013</b> , 143, 781-7	4.1	10
208	Genotype by diet interactions in European sea bass ( <i>Dicentrarchus labrax</i> L.): Nutritional challenge with totally plant-based diets. <i>Journal of Animal Science</i> , <b>2013</b> , 91, 44-56	0.7	32
207	A comparative study of the metabolic response in rainbow trout and Nile tilapia to changes in dietary macronutrient composition. <i>British Journal of Nutrition</i> , <b>2013</b> , 109, 816-26	3.6	37

206	The positive impact of the early-feeding of a plant-based diet on its future acceptance and utilisation in rainbow trout. <i>PLoS ONE</i> , <b>2013</b> , 8, e83162	3.7	69
205	Mucins as diagnostic and prognostic biomarkers in a fish-parasite model: transcriptional and functional analysis. <i>PLoS ONE</i> , <b>2013</b> , 8, e65457	3.7	79
204	Oxygen consumption constrains food intake in fish fed diets varying in essential amino acid composition. <i>PLoS ONE</i> , <b>2013</b> , 8, e72757	3.7	20
203	Macronutrient-induced differences in food intake relate with hepatic oxidative metabolism and hypothalamic regulatory neuropeptides in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Physiology and Behavior</i> , <b>2012</b> , 106, 499-505	3.5	38
202	Effect of nutrition and <i>Enteromyxum leei</i> infection on gilthead sea bream <i>Sparus aurata</i> intestinal carbohydrate distribution. <i>Diseases of Aquatic Organisms</i> , <b>2012</b> , 100, 29-42	1.7	19
201	Link between lipid metabolism and voluntary food intake in rainbow trout fed coconut oil rich in medium-chain TAG. <i>British Journal of Nutrition</i> , <b>2012</b> , 107, 1714-25	3.6	51
200	Modulation of the IgM gene expression and IgM immunoreactive cell distribution by the nutritional background in gilthead sea bream ( <i>Sparus aurata</i> ) challenged with <i>Enteromyxum leei</i> (Myxozoa). <i>Fish and Shellfish Immunology</i> , <b>2012</b> , 33, 401-10	4.3	45
199	Dietary vegetable oils do not alter the intestine transcriptome of gilthead sea bream ( <i>Sparus aurata</i> ), but modulate the transcriptomic response to infection with <i>Enteromyxum leei</i> . <i>BMC Genomics</i> , <b>2012</b> , 13, 470	4.5	64
198	Constraints on energy intake in fish: the link between diet composition, energy metabolism, and energy intake in rainbow trout. <i>PLoS ONE</i> , <b>2012</b> , 7, e34743	3.7	49
197	Glucose and lipid metabolism in the pancreas of rainbow trout is regulated at the molecular level by nutritional status and carbohydrate intake. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , <b>2012</b> , 182, 507-16	2.2	16
196	Regulation of metabolism by dietary carbohydrates in two lines of rainbow trout divergently selected for muscle fat content. <i>Journal of Experimental Biology</i> , <b>2012</b> , 215, 2567-78	3	101
195	Dietary nutrient composition affects digestible energy utilisation for growth: a study on Nile tilapia ( <i>Oreochromis niloticus</i> ) and a literature comparison across fish species. <i>British Journal of Nutrition</i> , <b>2012</b> , 108, 277-89	3.6	37
194	High levels of dietary fat impair glucose homeostasis in rainbow trout. <i>Journal of Experimental Biology</i> , <b>2012</b> , 215, 169-78	3	63
193	Characterisation of waste output from flow-through trout farms in France: comparison of nutrient mass-balance modelling and hydrological methods. <i>Aquatic Living Resources</i> , <b>2011</b> , 24, 63-70	1.5	12
192	Growth and body composition of zebrafish ( <i>Danio rerio</i> ) larvae fed a compound feed from first feeding onward: toward implications on nutrient requirements. <i>Zebrafish</i> , <b>2011</b> , 8, 87-95	2	49
191	Modifications of intestinal nutrient absorption in response to dietary fish meal replacement by plant protein sources in sea bream ( <i>Sparus aurata</i> ) and rainbow trout ( <i>Onchorynchus mykiss</i> ). <i>Aquaculture</i> , <b>2011</b> , 317, 146-154	4.4	45
190	Prediction of fillet fatty acid composition of market-size gilthead sea bream ( <i>Sparus aurata</i> ) using a regression modelling approach. <i>Aquaculture</i> , <b>2011</b> , 319, 81-88	4.4	17
189	Environmental impacts of plant-based salmonid diets at feed and farm scales. <i>Aquaculture</i> , <b>2011</b> , 321, 61-70	4.4	63

188	Availability of essential amino acids, nutrient utilisation and growth in juvenile black tiger shrimp, <i>Penaeus monodon</i> , following fishmeal replacement by plant protein. <i>Aquaculture</i> , <b>2011</b> , 322-323, 109-116	4.4	26
187	Molecular characterization and expression analysis of six peroxiredoxin paralogous genes in gilthead sea bream ( <i>Sparus aurata</i> ): insights from fish exposed to dietary, pathogen and confinement stressors. <i>Fish and Shellfish Immunology</i> , <b>2011</b> , 31, 294-302	4.3	56
186	Dietary Carbohydrate Utilization by European Sea Bass ( <i>Dicentrarchus labrax</i> L.) and Gilthead Sea Bream ( <i>Sparus aurata</i> L.) Juveniles. <i>Reviews in Fisheries Science</i> , <b>2011</b> , 19, 201-215		90
185	A first insight into genotype $\times$ diet interactions in European sea bass ( <i>Dicentrarchus labrax</i> L. 1756) in the context of plant-based diet use. <i>Aquaculture Research</i> , <b>2011</b> , 42, 583-592	1.9	25
184	Influence of the diet on the microbial diversity of faecal and gastrointestinal contents in gilthead sea bream ( <i>Sparus aurata</i> ) and intestinal contents in goldfish ( <i>Carassius auratus</i> ). <i>FEMS Microbiology Ecology</i> , <b>2011</b> , 78, 285-96	4.3	85
183	The nutritional background of the host alters the disease course in a fish-myxosporean system. <i>Veterinary Parasitology</i> , <b>2011</b> , 175, 141-50	2.8	36
182	Effects of the total replacement of fish-based diet with plant-based diet on the hepatic transcriptome of two European sea bass ( <i>Dicentrarchus labrax</i> ) half-sibfamilies showing different growth rates with the plant-based diet. <i>BMC Genomics</i> , <b>2011</b> , 12, 522	4.5	112
181	Modelling the predictable effects of dietary lipid sources on the fillet fatty acid composition of one-year-old gilthead sea bream ( <i>Sparus aurata</i> L.). <i>Food Chemistry</i> , <b>2011</b> , 124, 538-544	8.5	36
180	The effect of choline and cystine on the utilisation of methionine for protein accretion, remethylation and trans-sulfuration in juvenile shrimp <i>Penaeus monodon</i> . <i>British Journal of Nutrition</i> , <b>2011</b> , 106, 825-35	3.6	14
179	Dietary carbohydrate-to-protein ratio affects TOR signaling and metabolism-related gene expression in the liver and muscle of rainbow trout after a single meal. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2011</b> , 300, R733-43	3.2	102
178	Protein and amino acid nutrition and metabolism in fish: current knowledge and future needs. <i>Aquaculture Research</i> , <b>2010</b> , 41, 322-332	1.9	211
177	Tissue-specific robustness of fatty acid signatures in cultured gilthead sea bream ( <i>Sparus aurata</i> L.) fed practical diets with a combined high replacement of fish meal and fish oil. <i>Journal of Animal Science</i> , <b>2010</b> , 88, 1759-70	0.7	55
176	Maintenance and growth requirements for nitrogen, lysine and methionine and their utilisation efficiencies in juvenile black tiger shrimp, <i>Penaeus monodon</i> , using a factorial approach. <i>British Journal of Nutrition</i> , <b>2010</b> , 103, 984-95	3.6	35
175	An in vivo and in vitro assessment of autophagy-related gene expression in muscle of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2010</b> , 157, 258-66	2.3	59
174	Effects of dietary vitamin A on broodstock performance, egg quality, early growth and retinoid nuclear receptor expression in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Aquaculture</i> , <b>2010</b> , 303, 40-49	4.4	20
173	Skeletal muscle growth dynamics and expression of related genes in white and red muscles of rainbow trout fed diets with graded levels of a mixture of plant protein sources as substitutes for fishmeal. <i>Aquaculture</i> , <b>2010</b> , 303, 50-58	4.4	63
172	Influence of partial substitution of dietary fish meal on the activity of digestive enzymes in the intestinal brush border membrane of gilthead sea bream, <i>Sparus aurata</i> and goldfish, <i>Carassius auratus</i> . <i>Aquaculture</i> , <b>2010</b> , 306, 233-237	4.4	57
171	Bioaccumulation of polycyclic aromatic hydrocarbons in gilthead sea bream ( <i>Sparus aurata</i> L.) exposed to long term feeding trials with different experimental diets. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2010</b> , 59, 137-46	3.2	31

170	Modulation of blackspot seabream ( <i>Pagellus bogaraveo</i> ) intermediary metabolic pathways by dispensable amino acids. <i>Amino Acids</i> , <b>2010</b> , 39, 1401-16	3.5	18
169	The effect of protein and methionine intake on glutamate dehydrogenase and alanine aminotransferase activities in juvenile black tiger shrimp <i>Penaeus monodon</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , <b>2010</b> , 391, 153-160	2.1	13
168	Skeletal muscle cellularity and expression of myogenic regulatory factors and myosin heavy chains in rainbow trout ( <i>Oncorhynchus mykiss</i> ): effects of changes in dietary plant protein sources and amino acid profiles. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2010</b> , 156, 561-8	2.6	46
167	Metformin improves postprandial glucose homeostasis in rainbow trout fed dietary carbohydrates: a link with the induction of hepatic lipogenic capacities?. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2009</b> , 297, R707-15	3.2	71
166	Nutritional regulation of hepatic glucose metabolism in fish. <i>Fish Physiology and Biochemistry</i> , <b>2009</b> , 35, 519-39	2.7	302
165	Natural abundance of <sup>15</sup> N and <sup>13</sup> C in fish tissues and the use of stable isotopes as dietary protein tracers in rainbow trout and gilthead sea bream. <i>Aquaculture Nutrition</i> , <b>2009</b> , 15, 9-18	3.2	28
164	Dietary effects on insulin and glucagon plasma levels in rainbow trout ( <i>Oncorhynchus mykiss</i> ) and gilthead sea bream ( <i>Sparus aurata</i> ). <i>Aquaculture Nutrition</i> , <b>2009</b> , 15, 166-176	3.2	6
163	The time course of fish oil wash-out follows a simple dilution model in gilthead sea bream ( <i>Sparus aurata</i> L.) fed graded levels of vegetable oils. <i>Aquaculture</i> , <b>2009</b> , 288, 98-105	4.4	64
162	Differential gene expression after total replacement of dietary fish meal and fish oil by plant products in rainbow trout ( <i>Oncorhynchus mykiss</i> ) liver. <i>Aquaculture</i> , <b>2009</b> , 294, 123-131	4.4	97
161	Assessment of the health and antioxidant trade-off in gilthead sea bream ( <i>Sparus aurata</i> L.) fed alternative diets with low levels of contaminants. <i>Aquaculture</i> , <b>2009</b> , 296, 87-95	4.4	46
160	Effects of dietary phosphorus and calcium level on growth and skeletal development in rainbow trout ( <i>Oncorhynchus mykiss</i> ) fry. <i>Aquaculture</i> , <b>2009</b> , 297, 141-150	4.4	38
159	Hepatic protein kinase B (Akt)-target of rapamycin (TOR)-signalling pathways and intermediary metabolism in rainbow trout ( <i>Oncorhynchus mykiss</i> ) are not significantly affected by feeding plant-based diets. <i>British Journal of Nutrition</i> , <b>2009</b> , 102, 1564-73	3.6	67
158	Alimentation lipidique et remplacement des huiles de poisson par des huiles végétales en pisciculture. <i>Cahiers Agricultures</i> , <b>2009</b> , 18, 112-118	0.9	8
157	Les sources protéiques dans les aliments pour les poissons d'élevage. <i>Cahiers Agricultures</i> , <b>2009</b> , 18, 103-111	1.9	25
156	Hepatic glucokinase and glucose-6-phosphatase responses to dietary glucose and starch in gilthead sea bream ( <i>Sparus aurata</i> ) juveniles reared at two temperatures. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2008</b> , 149, 80-6	2.6	88
155	Rearing temperature enhances hepatic glucokinase but not glucose-6-phosphatase activities in European sea bass ( <i>Dicentrarchus labrax</i> ) and gilthead sea bream ( <i>Sparus aurata</i> ) juveniles fed with the same level of glucose. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2008</b> , 150, 355-8	2.6	23
154	Growth performance and metabolic utilization of diets with native and waxy maize starch by gilthead sea bream ( <i>Sparus aurata</i> ) juveniles. <i>Aquaculture</i> , <b>2008</b> , 274, 101-108	4.4	107
153	Dietary fat level modifies the expression of hepatic genes in juvenile rainbow trout ( <i>Oncorhynchus mykiss</i> ) as revealed by microarray analysis. <i>Aquaculture</i> , <b>2008</b> , 275, 235-241	4.4	18

152	Modifications of digestive enzymes in trout ( <i>Oncorhynchus mykiss</i> ) and sea bream ( <i>Sparus aurata</i> ) in response to dietary fish meal replacement by plant protein sources. <i>Aquaculture</i> , <b>2008</b> , 282, 68-74	4.4	178
151	High levels of vegetable oils in plant protein-rich diets fed to gilthead sea bream ( <i>Sparus aurata</i> L.): growth performance, muscle fatty acid profiles and histological alterations of target tissues. <i>British Journal of Nutrition</i> , <b>2008</b> , 100, 992-1003	3.6	150
150	An in vivo and in vitro assessment of TOR signaling cascade in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2008</b> , 295, R329-35	3.2	138
149	Insulin regulates the expression of several metabolism-related genes in the liver and primary hepatocytes of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Journal of Experimental Biology</i> , <b>2008</b> , 211, 2510-8 <sup>3</sup>		95
148	Plant proteins as alternative sources for fish feed and farmed fish quality <b>2008</b> , 300-327		12
147	Dietary phosphatidylcholine affects postprandial plasma levels and digestibility of lipid in common carp ( <i>Cyprinus carpio</i> ). <i>British Journal of Nutrition</i> , <b>2008</b> , 100, 512-7	3.6	15
146	Lipid peroxidative stress and antioxidant defence status during ontogeny of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>British Journal of Nutrition</i> , <b>2008</b> , 100, 102-11	3.6	51
145	ESTUDIO DE DIGESTIBILIDAD APARENTE DE LA HARINA DE LOMBRIZ ( <i>Eisenia andrei</i> ) EN LA ALIMENTACIÓN DE TRUCHA ARCO IRIS ( <i>Onchorinchus mykiss</i> ). <i>Revista Chilena De Nutricion</i> , <b>2008</b> , 35,	0.9	1
144	Feeding status regulates the polyubiquitination step of the ubiquitin-proteasome-dependent proteolysis in rainbow trout ( <i>Oncorhynchus mykiss</i> ) muscle. <i>Journal of Nutrition</i> , <b>2008</b> , 138, 487-91	4.1	72
143	The role of hepatic, renal and intestinal gluconeogenic enzymes in glucose homeostasis of juvenile rainbow trout. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , <b>2008</b> , 178, 429-38	2.2	54
142	Effect of high-level fish meal replacement by plant proteins in gilthead sea bream ( <i>Sparus aurata</i> ) on growth and body/fillet quality traits. <i>Aquaculture Nutrition</i> , <b>2007</b> , 13, 361-372	3.2	108
141	Contribution of dietary arginine to nitrogen utilisation and excretion in juvenile sea bass ( <i>Dicentrarchus labrax</i> ) fed diets differing in protein source. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2007</b> , 147, 179-88	2.6	33
140	Reduced lipid intake leads to changes in digestive enzymes in the intestine but has minor effects on key enzymes of hepatic intermediary metabolism in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Animal</i> , <b>2007</b> , 1, 1272-82	3.1	39
139	Combined replacement of fish meal and oil in practical diets for fast growing juveniles of gilthead sea bream ( <i>Sparus aurata</i> L.): Networking of systemic and local components of GH/IGF axis. <i>Aquaculture</i> , <b>2007</b> , 267, 199-212	4.4	129
138	Morphometric evaluation of changes in the digestive tract of rainbow trout ( <i>Oncorhynchus mykiss</i> ) due to fish meal replacement with soy protein concentrate. <i>Aquaculture</i> , <b>2007</b> , 273, 127-138	4.4	85
137	Effect of normal and waxy maize starch on growth, food utilization and hepatic glucose metabolism in European sea bass ( <i>Dicentrarchus labrax</i> ) juveniles. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2006</b> , 143, 89-96	2.6	157
136	Rapid metabolic adaptation in European sea bass ( <i>Dicentrarchus labrax</i> ) juveniles fed different carbohydrate sources after heat shock stress. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2006</b> , 145, 73-81	2.6	63
135	Replacing dietary fish oil by vegetable oils has little effect on lipogenesis, lipid transport and tissue lipid uptake in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>British Journal of Nutrition</i> , <b>2006</b> , 96, 299-309	3.6	155



134	The effect of nucleic acids on growth, ureagenesis and nitrogen excretion of gilthead sea bream <i>Sparus aurata</i> juveniles. <i>Aquaculture</i> , <b>2006</b> , 253, 608-617	4.4	23
133	Replacement of a large portion of fish oil by vegetable oils does not affect lipogenesis, lipid transport and tissue lipid uptake in European seabass ( <i>Dicentrarchus labrax</i> L.). <i>Aquaculture</i> , <b>2006</b> , 261, 1077-1087	4.4	112
132	The evaluation of energy intake adjustments and preferences in juvenile rainbow trout fed increasing amounts of lipid. <i>Physiology and Behavior</i> , <b>2006</b> , 88, 325-32	3.5	35
131	Fatty acid profiles of wild brown trout and Atlantic salmon juveniles in the Nivelles basin. <i>Journal of Fish Biology</i> , <b>2006</b> , 68, 1376-1387	1.9	11
130	Effect of dietary phospholipid level on the development of gilthead sea bream ( <i>Sparus aurata</i> ) larvae fed a compound diet. <i>Aquaculture Nutrition</i> , <b>2006</b> , 12, 372-378	3.2	28
129	Nutritional and hormonal control of lipolysis in isolated gilthead seabream ( <i>Sparus aurata</i> ) adipocytes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2005</b> , 289, R259-65	3.2	61
128	Molecular characterization of gilthead sea bream ( <i>Sparus aurata</i> ) lipoprotein lipase. Transcriptional regulation by season and nutritional condition in skeletal muscle and fat storage tissues. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2005</b> , 142, 224-32	2.3	78
127	Effects of low protein intake on extra-hepatic gluconeogenic enzyme expression and peripheral glucose phosphorylation in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2005</b> , 140, 333-40	2.3	82
126	Rainbow trout can discriminate between feeds with different oil sources. <i>Physiology and Behavior</i> , <b>2005</b> , 85, 107-14	3.5	61
125	Effect of fish meal replacement by plant protein sources on non-specific defence mechanisms and oxidative stress in gilthead sea bream ( <i>Sparus aurata</i> ). <i>Aquaculture</i> , <b>2005</b> , 249, 387-400	4.4	292
124	Growth and nitrogen metabolism of sea bass fed graded levels of nucleic acid nitrogen from yeast or RNA extract as partial substitute for protein nitrogen from fish meal. <i>Italian Journal of Animal Science</i> , <b>2005</b> , 4, 600-602	2.2	2
123	Dietary protein source affects lipid metabolism in the European seabass ( <i>Dicentrarchus labrax</i> ). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2005</b> , 142, 19-31 <sup>2.6</sup>	2.6	117
122	Regulation of the somatotrophic axis by dietary factors in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>British Journal of Nutrition</i> , <b>2005</b> , 94, 353-61	3.6	45
121	Response of hexokinase enzymes and the insulin system to dietary carbohydrates in the common carp, <i>Cyprinus carpio</i> . <i>Reproduction, Nutrition, Development</i> , <b>2004</b> , 44, 233-42		33
120	Dietary plant-protein substitution affects hepatic metabolism in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>British Journal of Nutrition</i> , <b>2004</b> , 92, 71-80	3.6	117
119	Nutritional assessment of somatolactin function in gilthead sea bream ( <i>Sparus aurata</i> ): concurrent changes in somatotrophic axis and pancreatic hormones. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2004</b> , 138, 533-42	2.6	44
118	Effect of total replacement of dietary fish meal by plant protein sources on early post mortem changes in the biochemical and physical parameters of rainbow trout. <i>Veterinary Research Communications</i> , <b>2004</b> , 28 Suppl 1, 237-40	2.9	6
117	Environmental impact assessment of salmonid feeds using Life Cycle Assessment (LCA). <i>Ambio</i> , <b>2004</b> , 33, 316-23	6.5	110

116	Regulation of feed intake, growth, nutrient and energy utilisation in European sea bass ( <i>Dicentrarchus labrax</i> ) fed high fat diets. <i>Aquaculture</i> , <b>2004</b> , 231, 529-545	4.4	104
115	Effect of long-term feeding with a plant protein mixture based diet on growth and body/fillet quality traits of large rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Aquaculture</i> , <b>2004</b> , 236, 413-429	4.4	168
114	Almost total replacement of fish meal by plant protein sources in the diet of a marine teleost, the European seabass, <i>Dicentrarchus labrax</i> . <i>Aquaculture</i> , <b>2004</b> , 230, 391-404	4.4	385
113	Protein growth performance, amino acid utilisation and somatotropic axis responsiveness to fish meal replacement by plant protein sources in gilthead sea bream ( <i>Sparus aurata</i> ). <i>Aquaculture</i> , <b>2004</b> , 232, 493-510	4.4	315
112	Short- and long-term nutritional modulation of acetyl-CoA carboxylase activity in selected tissues of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>British Journal of Nutrition</i> , <b>2003</b> , 89, 803-10	3.6	35
111	The optimum dietary indispensable amino acid pattern for growing Atlantic salmon ( <i>Salmo salar</i> L.) fry. <i>British Journal of Nutrition</i> , <b>2003</b> , 90, 865-76	3.6	100
110	Low protein intake is associated with reduced hepatic gluconeogenic enzyme expression in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Journal of Nutrition</i> , <b>2003</b> , 133, 2561-4	4.1	73
109	Effect of partial substitution of dietary protein by a single gluconeogenic dispensable amino acid on hepatic glucose metabolism in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2003</b> , 134, 337-47	2.6	47
108	Proteomic sensitivity to dietary manipulations in rainbow trout. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2003</b> , 1651, 17-29	4	125
107	Bioenergetics <b>2003</b> , 1-59		14
106	Total replacement of fish oil by soybean or linseed oil with a return to fish oil in turbot ( <i>Psetta maxima</i> ). <i>Aquaculture</i> , <b>2003</b> , 217, 465-482	4.4	247
105	Excess dietary arginine affects urea excretion but does not improve N utilisation in rainbow trout <i>Oncorhynchus mykiss</i> and turbot <i>Psetta maxima</i> . <i>Aquaculture</i> , <b>2003</b> , 217, 559-576	4.4	94
104	Effects of dietary amino acid profile on growth performance, key metabolic enzymes and somatotropic axis responsiveness of gilthead sea bream ( <i>Sparus aurata</i> ). <i>Aquaculture</i> , <b>2003</b> , 220, 749-767	4.4	125
103	Total replacement of fish oil by soybean or linseed oil with a return to fish oil in Turbot ( <i>Psetta maxima</i> ): 2. Flesh quality properties. <i>Aquaculture</i> , <b>2003</b> , 220, 737-747	4.4	68
102	Influence of oligosaccharides on the digestibility of lupin meals when fed to rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Aquaculture</i> , <b>2003</b> , 219, 703-713	4.4	75
101	Fatty acid profile of fish following a change in dietary fatty acid source: model of fatty acid composition with a dilution hypothesis. <i>Aquaculture</i> , <b>2003</b> , 225, 283-293	4.4	142
100	Muscle insulin binding and plasma levels in relation to liver glucokinase activity, glucose metabolism and dietary carbohydrates in rainbow trout. <i>Regulatory Peptides</i> , <b>2003</b> , 110, 123-32		64
99	Cloning and tissue distribution of a carnitine palmitoyltransferase I gene in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2003</b> , 135, 139-51	2.3	39

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93	Nitrogen utilisation and ureogenesis as affected by dietary nucleic acid in rainbow trout ( <i>Oncorhynchus mykiss</i> ) and turbot ( <i>Psetta maxima</i> ). <i>Fish Physiology and Biochemistry</i> , <b>2002</b> , 26, 177-188	2.7	15
92	Protein and arginine requirements for maintenance and nitrogen gain in four teleosts. <i>British Journal of Nutrition</i> , <b>2002</b> , 87, 459-68	3.6	4
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90	Effects of rapeseed meal-glucosinolates on thyroid metabolism and feed utilization in rainbow trout. <i>General and Comparative Endocrinology</i> , <b>2001</b> , 124, 343-58	3	74
89	Dietary fructose does not specifically induce hepatic glucokinase expression in rainbow trout. <i>Journal of Fish Biology</i> , <b>2001</b> , 59, 455-458	1.9	4
88	Glucokinase is highly induced and glucose-6-phosphatase poorly repressed in liver of rainbow trout ( <i>Oncorhynchus mykiss</i> ) by a single meal with glucose. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2001</b> , 128, 275-83	2.3	116
87	Cloning, tissue distribution and nutritional regulation of a Delta6-desaturase-like enzyme in rainbow trout. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2001</b> , 130, 83-93	2.3	100
86	Dietary lipid level, hepatic lipogenesis and flesh quality in turbot ( <i>Psetta maxima</i> ). <i>Aquaculture</i> , <b>2001</b> , 193, 291-309	4.4	212
85	Fat deposition and flesh quality in seawater reared, triploid brown trout ( <i>Salmo trutta</i> ) as affected by dietary fat levels and starvation. <i>Aquaculture</i> , <b>2001</b> , 193, 325-345	4.4	84
84	Ontogenesis of hexokinase I and hexokinase IV (glucokinase) gene expressions in common carp ( <i>Cyprinus carpio</i> ) related to diet. <i>British Journal of Nutrition</i> , <b>2001</b> , 85, 649-51	3.6	17
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82	Hepatic phosphoenolpyruvate carboxykinase gene expression is not repressed by dietary carbohydrates in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Journal of Experimental Biology</i> , <b>2001</b> , 204, 359-365		72
81	Dietary protein source affects the susceptibility to lipid peroxidation of rainbow trout ( <i>Oncorhynchus mykiss</i> ) and sea bass ( <i>Dicentrarchus labrax</i> ) muscle. <i>Animal Science</i> , <b>2001</b> , 73, 443-449		25

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75	Partial molecular cloning and tissue distribution of hexokinase I cDNA in common carp. <i>Journal of Fish Biology</i> , <b>2000</b> , 56, 1558-1561	1.9	7
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71	Effect of dietary lipid content on circadian rhythm of feeding activity in European sea bass. <i>Physiology and Behavior</i> , <b>2000</b> , 68, 683-9	3.5	19
70	Digestibility of extruded peas, extruded lupin, and rapeseed meal in rainbow trout ( <i>Oncorhynchus mykiss</i> ) and turbot ( <i>Psetta maxima</i> ). <i>Aquaculture</i> , <b>2000</b> , 188, 285-298	4.4	178
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68	Teleost liver hexokinase- and glucokinase-like enzymes: partial cDNA cloning and phylogenetic studies in rainbow trout ( <i>Oncorhynchus mykiss</i> ), common carp ( <i>Cyprinus carpio</i> ) and gilthead seabream ( <i>Sparus aurata</i> ). <i>Fish Physiology and Biochemistry</i> , <b>1999</b> , 21, 93-102	2.7	18
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65	Animals for work, recreation and sports. <i>Livestock Science</i> , <b>1999</b> , 59, 145-154		6
64	Growth performance and adiposity in gilthead sea bream ( <i>Sparus aurata</i> ): risks and benefits of high energy diets. <i>Aquaculture</i> , <b>1999</b> , 171, 279-292	4.4	159
63	Partial or total replacement of fish meal by corn gluten meal in diet for turbot ( <i>Psetta maxima</i> ). <i>Aquaculture</i> , <b>1999</b> , 180, 99-117	4.4	166

62	Digestibility, postprandial ammonia excretion and selected plasma metabolites in European sea bass ( <i>Dicentrarchus labrax</i> ) fed pelleted or extruded diets with or without wheat gluten. <i>Aquaculture</i> , <b>1999</b> , 179, 45-56	4.4	60
61	Whole body amino acid composition of European seabass ( <i>Dicentrarchus labrax</i> ), gilthead seabream ( <i>Sparus aurata</i> ) and turbot ( <i>Psetta maxima</i> ) with an estimation of their IAA requirement profiles. <i>Aquatic Living Resources</i> , <b>1998</b> , 11, 355-358	1.5	197
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59	Apparent digestibilities of feed components from fish meal or plant protein based diets in common carp as affected by water temperature. <i>Aquatic Living Resources</i> , <b>1998</b> , 11, 269-272	1.5	21
58	Nutritional bioenergetics and estimation of waste production in non-salmonids. <i>Aquatic Living Resources</i> , <b>1998</b> , 11, 211-217	1.5	129
57	Voluntary feed intake, nitrogen and phosphorus losses in rainbow trout ( <i>Oncorhynchus mykiss</i> ) fed increasing dietary levels of soy protein concentrate. <i>Aquatic Living Resources</i> , <b>1998</b> , 11, 239-246	1.5	89
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55	Dietary ascorbic acid needs of common carp ( <i>Cyprinus carpio</i> ) larvae. <i>Aquaculture</i> , <b>1998</b> , 161, 453-461	4.4	62
54	Application of the recommendations on vitamin requirements of finfish by NRC (1993) to salmonids and sea bass using practical and purified diets. <i>Aquaculture</i> , <b>1998</b> , 161, 463-474	4.4	35
53	Incorporation of high levels of extruded lupin in diets for rainbow trout ( <i>Oncorhynchus mykiss</i> ): nutritional value and effect on thyroid status. <i>Aquaculture</i> , <b>1998</b> , 163, 325-345	4.4	66
52	Preliminary results on sea bass ( <i>Dicentrarchus labrax</i> ) larvae rearing with compound diet from first feeding. Comparison with carp ( <i>Cyprinus carpio</i> ) larvae. <i>Aquaculture</i> , <b>1998</b> , 169, 1-7	4.4	66
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44	Thermal acclimation and dietary lipids alter the composition, but not fluidity, of trout sperm plasma membrane. <i>Lipids</i> , <b>1995</b> , 30, 23-33	1.6	64
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40	Partial or total replacement of fish meal by soybean protein on growth, protein utilization, potential estrogenic or antigenic effects, cholesterolemia and flesh quality in rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Aquaculture</i> , <b>1995</b> , 133, 257-274	4.4	561
39	Survival and growth of first-feeding common carp larvae fed artificial diets containing soybean protein concentrate. <i>Aquaculture</i> , <b>1995</b> , 129, 253	4.4	4
38	Quantitative arginine requirement of Atlantic salmon ( <i>Salmo salar</i> ) reared in sea water. <i>Aquaculture</i> , <b>1994</b> , 124, 13-25	4.4	65
37	Partial replacement of dietary protein nitrogen with dispensable amino acids in diets of Nile tilapia, <i>Oreochromis niloticus</i> . <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , <b>1994</b> , 109, 469-477		50
36	Energy requirements, utilization and dietary supply to salmonids. <i>Aquaculture</i> , <b>1994</b> , 124, 81-97	4.4	181
35	Apparent amino acid availability and plasma free amino acid levels in Siberian sturgeon ( <i>Acipenser baeri</i> ). <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , <b>1994</b> , 107, 433-438		25
34	Effects of dietary incorporation of a co-extruded plant protein (rapeseed and peas) on growth, nutrient utilization and muscle fatty acid composition of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Aquaculture</i> , <b>1993</b> , 113, 339-353	4.4	83
33	Oxidation of phenylalanine and threonine in response to dietary arginine supply in rainbow trout ( <i>Salmo gairdneri</i> R.). <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , <b>1992</b> , 101, 395-401		28
32	Contribution of digestible energy from carbohydrates and estimation of protein/energy requirements for growth of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Aquaculture</i> , <b>1992</b> , 106, 161-169	4.4	132
31	Dietary arginine requirement of young rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , <b>1992</b> , 102, 211-6		71
30	Whole body amino acid composition of Indian major carps and its significance. <i>Aquatic Living Resources</i> , <b>1991</b> , 4, 61-64	1.5	34
29	Reconditioning of Atlantic salmon ( <i>Salmo salar</i> ) kelts with silage-based diets: growth and reproductive performance. <i>Aquaculture</i> , <b>1991</b> , 96, 43-56	4.4	14
28	Studies on the nutrition of Siberian sturgeon, <i>Acipenser baeri</i> . II. Utilization of dietary non-protein energy by sturgeon. <i>Aquaculture</i> , <b>1991</b> , 93, 143-154	4.4	49
27	Effect of temperature on utilization of endogenous energy reserves during embryonic development of diploid and triploid rainbow trout ( <i>Salmo gairdneri</i> R.). <i>Aquaculture</i> , <b>1990</b> , 84, 373-382	4.4	20

26	Potential use of triticale in diets for rainbow trout: effects of dietary levels and incidence of cooking. <i>Animal Research</i> , <b>1990</b> , 39, 63-73		3
25	Bioconversion pathway of astaxanthin into retinol2 in mature rainbow trout ( <i>Salmo Gairdneri</i> Rich.). <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1989</b> , 94, 481-485		16
24	Uptake and metabolization of dissolved compounds in rainbow trout ( <i>Salmo gairdneri</i> R.) fry. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , <b>1989</b> , 93, 839-843		14
23	Studies on the nutrition of Siberian sturgeon, <i>Acipenser baeri</i> : I. Utilization of digestible carbohydrates by sturgeon. <i>Aquaculture</i> , <b>1989</b> , 76, 97-107	4.4	58
22	Effect of digestible carbohydrates on protein/energy utilization and on glucose metabolism in rainbow trout ( <i>Salmo gairdneri</i> R.). <i>Aquaculture</i> , <b>1989</b> , 79, 63-74	4.4	98
21	Arginine requirement and status assessed by different biochemical indices in rainbow trout ( <i>Salmo gairdneri</i> R.). <i>Aquaculture</i> , <b>1988</b> , 70, 75-95	4.4	67
20	Effect of frequency of feeding on nitrogen and energy balance in rainbow trout under maintenance conditions. <i>Aquaculture</i> , <b>1988</b> , 73, 207-216	4.4	43
19	Rearing of sturgeon ( <i>Acipenser baeri</i> Brandt) larvae. <i>Aquaculture</i> , <b>1987</b> , 65, 31-41	4.4	34
18	Metabolic utilization of diets by polyploid rainbow trout ( <i>Salmo gairdneri</i> ). <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , <b>1987</b> , 88, 45-7		23
17	Nitrogen and energy metabolism during the early ontogeny of diploid and triploid rainbow trout ( <i>Salmo gairdneri</i> R.). <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , <b>1987</b> , 87, 157-160		20
16	Environmental effects on feed utilization. <i>Fish Physiology and Biochemistry</i> , <b>1986</b> , 2, 131-40	2.7	19
15	Rearing of sturgeon ( <i>Acipenser baeri</i> Brandt) larvae. <i>Aquaculture</i> , <b>1986</b> , 51, 117-131	4.4	28
14	Effect of quality and quantity of dietary pyrimidines on ammonia excretion rates of <i>Artemia</i> sp. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1985</b> , 82, 365-369		
13	Rearing of sturgeon ( <i>Acipenser baeri</i> Brandt) larvae. <i>Aquaculture</i> , <b>1985</b> , 47, 185-192	4.4	45
12	Rearing of coregonid ( <i>Coregonus schinzi</i> palea Cuv. et Val.) larvae using dry and live food. <i>Aquaculture</i> , <b>1985</b> , 48, 123-135	4.4	29
11	Effect of digestible energy on nitrogen and energy balance in rainbow trout. <i>Aquaculture</i> , <b>1985</b> , 50, 89-101	4.4	178
10	Relationship between protein intake and voluntary energy intake as affected by body weight with an estimation of maintenance needs in rainbow trout. <i>Zeitschrift Fur Tierphysiologie, Tierernahrung Und Futtermittelkunde</i> , <b>1984</b> , 51, 57-69		41
9	Effects of lysine administration on plasma arginine and on some nitrogenous catabolites in rainbow trout. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , <b>1984</b> , 79, 459-462		51

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