Joaquim Gutierrez

List of Publications by Year
in descending order

160	6,360	46984 47	91828 69
papers	citations	h-index	g-index

165	165	165	5676
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The autophagy response during adipogenesis of primary cultured rainbow trout (Oncorhynchus) Tj ETQq1 1 0.784314 rgBT /Overlock 1 2022, 258, 110700.	0.7	2
2	The Emerging Role of Long Non-Coding RNAs in Development and Function of Gilthead Sea Bream (Sparus aurata) Fast Skeletal Muscle. Cells, 2022, 11, 428.	1.8	6
3	Interaction between the Effects of Sustained Swimming Activity and Dietary Macronutrient Proportions on the Redox Status of Gilthead Sea Bream Juveniles (Sparus aurata L.). Antioxidants, 2022, 11, 319.	2.2	3
4	Musculoskeletal Growth Modulation in Gilthead Sea Bream Juveniles Reared at High Water Temperature and Fed with Palm and Rapeseed Oils-Based Diets. Animals, 2021, 11, 260.	1.0	4
5	Myomixer is expressed during embryonic and post-larval hyperplasia, muscle regeneration and differentiation of myoblats in rainbow trout (Oncorhynchus mykiss). Gene, 2021, 790, 145688.	1.0	7
6	Mitochondrial Adaptation to Diet and Swimming Activity in Gilthead Seabream: Improved Nutritional Efficiency. Frontiers in Physiology, 2021, 12, 678985.	1.3	6
7	Diet and Exercise Modulate GH-IGFs Axis, Proteolytic Markers and Myogenic Regulatory Factors in Juveniles of Gilthead Sea Bream (Sparus aurata). Animals, 2021, 11, 2182.	1.0	7
8	Recombinant Bovine Growth Hormone-Induced Metabolic Remodelling Enhances Growth of Gilthead Sea-Bream (Sparus aurata): Insights from Stable Isotopes Composition and Proteomics. International Journal of Molecular Sciences, 2021, 22, 13107.	1.8	2
9	Effects of different dietary vegetable oils on growth and intestinal performance, lipid metabolism and flesh quality in gilthead sea bream. Aquaculture, 2020, 519, 734881.	1.7	25
10	Genistein Induces Adipogenic and Autophagic Effects in Rainbow Trout (Oncorhynchus mykiss) Adipose Tissue: In Vitro and In Vivo Models. International Journal of Molecular Sciences, 2020, 21, 5884.	1.8	7
11	The combination of palm and rapeseed oils emerges as a good dietary alternative for optimal growth and balanced lipid accumulation in juvenile gilthead sea bream reared at an elevated temperature. Aquaculture, 2020, 526, 735396.	1.7	6
12	Short-Term Responses to Fatty Acids on Lipid Metabolism and Adipogenesis in Rainbow Trout (Oncorhynchus mykiss). International Journal of Molecular Sciences, 2020, 21, 1623.	1.8	9
13	Regulatory mechanisms involved in muscle and bone remodeling during refeeding in gilthead sea bream. Scientific Reports, 2020, 10, 184.	1.6	19
14	Introduction to the XIIIth ICBF conference special issue. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 236, 110519.	0.8	0
15	Proteomic characterization of primary cultured myocytes in a fish model at different myogenesis stages. Scientific Reports, 2019, 9, 14126.	1.6	13
16	Sustained swimming enhances white muscle capillarisation and growth by hyperplasia in gilthead sea bream (Sparus aurata) fingerlings. Aquaculture, 2019, 501, 397-403.	1.7	14
17	Gene expression analyses in malformed skeletal structures of gilthead sea bream (<i>Sparus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.9	10
18	Fatty acids from fish or vegetable oils promote the adipogenic fate of mesenchymal stem cells derived from gilthead sea bream bone potentially through different pathways. PLoS ONE, 2019, 14, e0215926.	1.1	20

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19	A long-term growth hormone treatment stimulates growth and lipolysis in gilthead sea bream juveniles. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 232, 67-78.	0.8	18
20	Temperature Affects Musculoskeletal Development and Muscle Lipid Metabolism of Gilthead Sea Bream (Sparus aurata). Frontiers in Endocrinology, 2019, 10, 173.	1.5	24
21	Effects of Î²2-adrenoceptor agonists on gilthead sea bream (Sparus aurata) cultured muscle cells. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 227, 179-193.	0.8	5
22	Recombinant bovine growth hormone (rBGH) enhances somatic growth by regulating the GH-IGF axis in fingerlings of gilthead sea bream (Sparus aurata). General and Comparative Endocrinology, 2018, 257, 192-202.	0.8	36
23	Breeding selection of rainbow trout for high or low muscle adiposity differentially affects lipogenic capacity and lipid mobilization strategies to cope with food deprivation. Aquaculture, 2018, 495, 161-171.	1.7	11
24	Temperature responsiveness of gilthead sea bream bone; an in vitro and in vivo approach. Scientific Reports, 2018, 8, 11211.	1.6	21
25	Ghrelin and Its Receptors in Gilthead Sea Bream: Nutritional Regulation. Frontiers in Endocrinology, 2018, 9, 399.	1.5	17
26	Understanding fish muscle growth regulation to optimize aquaculture production. Aquaculture, 2017, 467, 28-40.	1.7	102
27	Moderate and sustained exercise modulates muscle proteolytic and myogenic markers in gilthead sea bream (<i>Sparus aurata</i>). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 312, R643-R653.	0.9	22
28	Tributyltin and triphenyltin exposure promotes in vitro adipogenic differentiation but alters the adipocyte phenotype in rainbow trout. Aquatic Toxicology, 2017, 188, 148-158.	1.9	27
29	Gene expression profile during proliferation and differentiation of rainbow trout adipocyte precursor cells. BMC Genomics, 2017, 18, 347.	1.2	33
30	Proteolytic systemsâ€™ expression during myogenesis and transcriptional regulation by amino acids in gilthead sea bream cultured muscle cells. PLoS ONE, 2017, 12, e0187339.	1.1	20
31	Caffeic acid and hydroxytyrosol have anti-obesogenic properties in zebrafish and rainbow trout models. PLoS ONE, 2017, 12, e0178833.	1.1	13
32	Adipogenic Gene Expression in Gilthead Sea Bream Mesenchymal Stem Cells from Different Origin. Frontiers in Endocrinology, 2016, 7, 113.	1.5	17
33	Contribution of in vitro myocytes studies to understanding fish muscle physiology. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2016, 199, 67-73.	0.7	24
34	Effects of sustained exercise on GH-IGFs axis in gilthead sea bream (<i>Sparus aurata</i>). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R313-R322.	0.9	32
35	Characterization data of gilthead sea bream (Sparus aurata) IGF-I receptors (IGF-IRa/Rb). Data in Brief, 2016, 6, 507-513.	0.5	4
36	IGF-I and IGF-II effects on local IGF system and signaling pathways in gilthead sea bream (Sparus aurata) cultured myocytes. General and Comparative Endocrinology, 2016, 232, 7-16.	0.8	33

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37	Lysine and Leucine Deficiencies Affect Myocytes Development and IGF Signaling in Gilthead Sea Bream (Sparus aurata). PLoS ONE, 2016, 11, e0147618.	1.1	48
38	Regulation of lipid metabolism and peroxisome proliferator-activated receptors in rainbow trout adipose tissue by lipolytic and antilipolytic endocrine factors. Domestic Animal Endocrinology, 2015, 51, 86-95.	0.8	9
39	Roles of leptin and ghrelin in adipogenesis and lipid metabolism of rainbow trout adipocytes in vitro. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2015, 188, 40-48.	0.8	33
40	Characterisation and expression analysis of cathepsins and ubiquitin-proteasome genes in gilthead sea bream (Sparus aurata) skeletal muscle. BMC Research Notes, 2015, 8, 149.	0.6	36
41	Growth-promoting effects of sustained swimming in fingerlings of gilthead sea bream (Sparus aurata) Tj ETQq1 1 0.784314 rgBT /Overl 185, 859-868.	0.7	43
42	Effects of nutritional status on plasma leptin levels and in vitro regulation of adipocyte leptin expression and secretion in rainbow trout. General and Comparative Endocrinology, 2015, 210, 114-123.	0.8	50
43	Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2014, 14, .	0.4	3
44	Characterisation and expression of myogenesis regulatory factors during in vitro myoblast development and in vivo fasting in the gilthead sea bream (Sparus aurata). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2014, 167, 90-99.	0.8	52
45	Adipose tissue and liver metabolic responses to different levels of dietary carbohydrates in gilthead sea bream (Sparus aurata). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2014, 175, 72-81.	0.8	39
46	IGF-I and amino acids effects through TOR signaling on proliferation and differentiation of gilthead sea bream cultured myocytes. General and Comparative Endocrinology, 2014, 205, 296-304.	0.8	59
47	Interplay of adiponectin, TNFÎ± and insulin on gene expression, glucose uptake and PPARÎ³, AKT and TOR pathways in rainbow trout cultured adipocytes. General and Comparative Endocrinology, 2014, 205, 218-225.	0.8	31
48	The special issue on the 17th International Congress of Comparative Endocrinology, (ICCE 2013). General and Comparative Endocrinology, 2014, 205, 1-3.	0.8	0
49	Effects of variable protein and lipid proportion in gilthead sea bream (<i>Sparus aurata</i>) diets on fillet structure and quality. Aquaculture Nutrition, 2013, 19, 368-381.	1.1	15
50	Insulin, IGF-I, and muscle MAPK pathway responses after sustained exercise and their contribution to growth and lipid metabolism regulation in gilthead sea bream. Domestic Animal Endocrinology, 2013, 45, 145-153.	0.8	25
51	Effect of guar gum on glucose and lipid metabolism in white sea bream Diplodus sargus. Fish Physiology and Biochemistry, 2013, 39, 159-169.	0.9	13
52	Characterization and endocrine regulation of proliferation and differentiation of primary cultured preadipocytes from gilthead sea bream (Sparus aurata). Domestic Animal Endocrinology, 2013, 45, 1-10.	0.8	26
53	Insulin-like growth factors effects on the expression of myogenic regulatory factors in gilthead sea bream muscle cells. General and Comparative Endocrinology, 2013, 188, 151-158.	0.8	49
54	Naturally Occurring Stable Isotopes Reflect Changes in Protein Turnover and Growth in Gilthead Sea Bream (Sparus aurata) Juveniles under Different Dietary Protein Levels. Journal of Agricultural and Food Chemistry, 2013, 61, 8924-8933.	2.4	20

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55	Characterisation and Expression of Calpain Family Members in Relation to Nutritional Status, Diet Composition and Flesh Texture in Gilthead Sea Bream (Sparus aurata). PLoS ONE, 2013, 8, e75349.	1.1	50
56	Adiponectin effects and gene expression in rainbow trout: an <i>in vivo</i> and <i>in vitro</i> approach. Journal of Experimental Biology, 2012, 215, 1373-1383.	0.8	50
57	mRNA expression of fatty acid transporters in rainbow trout: in vivo and in vitro regulation by insulin, fasting and inflammation and infection mediators. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 163, 177-188.	0.8	39
58	Role of LXR in trout adipocytes: Target genes, hormonal regulation, adipocyte differentiation and relation to lipolysis. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 163, 120-126.	0.8	36
59	Metabolic Effects of Insulin and IGFs on Gilthead Sea Bream (Sparus aurata) Muscle Cells. Frontiers in Endocrinology, 2012, 3, 55.	1.5	41
60	Glycemic and insulin responses in white sea bream Diplodus sargus, after intraperitoneal administration of glucose. Fish Physiology and Biochemistry, 2012, 38, 645-652.	0.9	31
61	Regulation of lipoprotein lipase gene expression by insulin and troglitazone in rainbow trout (Oncorhynchus mykiss) adipocyte cells in culture. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 161, 83-88.	0.8	31
62	Stable Isotope Analysis Combined with Metabolic Indices Discriminates between Gilthead Sea Bream (<i>Sparus aurata</i>) Fingerlings Produced in Various Hatcheries. Journal of Agricultural and Food Chemistry, 2011, 59, 10261-10270.	2.4	7
63	Insulin and IGF-I response to a glucose load in European sea bass (Dicentrarchus labrax) juveniles. Aquaculture, 2011, 315, 321-326.	1.7	57
64	Effect of dietary fish meal and fish oil replacement on lipogenic and lipoprotein lipase activities and plasma insulin in gilthead sea bream (Sparus aurata). Aquaculture Nutrition, 2011, 17, 54-63.	1.1	47
65	Insulin and IGF-I effects on the proliferation of an osteoblast primary culture from sea bream (Sparus) Tj ETQq1 1 0.784314 rgBT /Ove	0.8	34
66	Differential effects on proliferation of GH and IGFs in sea bream (Sparus aurata) cultured myocytes. General and Comparative Endocrinology, 2011, 172, 44-49.	0.8	52
67	Changes in adipocyte cell size, gene expression of lipid metabolism markers, and lipolytic responses induced by dietary fish oil replacement in gilthead sea bream (Sparus aurata L.). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2011, 158, 391-399.	0.8	46
68	Regulation of LXR by fatty acids, insulin, growth hormone and tumor necrosis factor-Î± in rainbow trout myocytes. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2011, 160, 125-136.	0.8	27
69	Growth and nutrient utilisation of blackspot seabream (Pagellus bogaraveo) under different feeding regimes. Fish Physiology and Biochemistry, 2010, 36, 1113-1124.	0.9	6
70	Role of insulin and IGF-I on the regulation of glucose metabolism in European sea bass (Dicentrarchus) Tj ETQq0 0 0 rgBT /Overlock 10 T A, Molecular & Integrative Physiology, 2010, 157, 346-353.	0.8	49
71	Endocrine control of oleic acid and glucose metabolism in rainbow trout (Oncorhynchus mykiss) muscle cells in culture. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R562-R572.	0.9	33
72	Insulin and insulin-like growth factor I signaling pathways in rainbow trout (Oncorhynchus mykiss) during adipogenesis and their implication in glucose uptake. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R33-R41.	0.9	47

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73	An in vivo and in vitro assessment of autophagy-related gene expression in muscle of rainbow trout (Oncorhynchus mykiss). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2010, 157, 258-266.	0.7	69
74	Loss of Smyhc1 or Hsp90Î±1 Function Results in Different Effects on Myofibril Organization in Skeletal Muscles of Zebrafish Embryos. PLoS ONE, 2010, 5, e8416.	1.1	38
75	Expression of rainbow trout glucose transporters GLUT1 and GLUT4 during in vitro muscle cell differentiation and regulation by insulin and IGF-I. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R794-R800.	0.9	56
76	Dietary effects on insulin and glucagon plasma levels in rainbow trout (<i>Oncorhynchus mykiss</i>) and gilthead sea bream (<i>Sparus aurata</i>). Aquaculture Nutrition, 2009, 15, 166-176.	1.1	6
77	Blackspot seabream (Pagellus bogaraveo) lipogenic and glycolytic pathways appear to be more related to dietary protein level than dietary starch type. Aquaculture, 2009, 291, 101-110.	1.7	29
78	Metabolic and mitogenic effects of IGF-II in rainbow trout (Oncorhynchus mykiss) myocytes in culture and the role of IGF-II in the PI3K/Akt and MAPK signalling pathways. General and Comparative Endocrinology, 2008, 157, 116-124.	0.8	97
79	Cloning and characterization of myogenin from seabream (Sparus aurata) and analysis of promoter muscle specificity. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2008, 3, 128-139.	0.4	10
80	Regulation of proliferation and differentiation of adipocyte precursor cells in rainbow trout (Oncorhynchus mykiss). Journal of Endocrinology, 2008, 198, 459-469.	1.2	73
81	An in vivo and in vitro assessment of TOR signaling cascade in rainbow trout (<i>Oncorhynchus) Tj ETQq1 1 0.784314 rgBT /Overlock 295, R329-R335.	0.9	153
82	Distinct role of insulin and IGF-I and its receptors in white skeletal muscle during the compensatory growth of gilthead sea bream (Sparus aurata). Aquaculture, 2007, 267, 188-198.	1.7	49
83	Insulin regulation of lipoprotein lipase (LPL) activity and expression in gilthead sea bream (Sparus) Tj ETQq1 1 0.784314 rgBT /Overloc 151-159.	0.7	95
84	Role of insulin, insulin-like growth factors, and muscle regulatory factors in the compensatory growth of the trout (Oncorhynchus mykiss). General and Comparative Endocrinology, 2007, 150, 462-472.	0.8	115
85	IGF-I binding and receptor signal transduction in primary cell culture of muscle cells of gilthead sea bream: changes throughout in vitro development. Cell and Tissue Research, 2007, 330, 503-513.	1.5	56
86	Regulation of lipoprotein lipase activity in rainbow trout (Oncorhynchus mykiss) tissues. General and Comparative Endocrinology, 2006, 146, 226-235.	0.8	65
87	IGF-I and insulin receptor signal transduction in trout muscle cells. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 290, R1683-R1690.	0.9	64
88	Differential expression of two GH receptor mRNAs following temperature change in rainbow trout (Oncorhynchus mykiss). Journal of Endocrinology, 2006, 190, 29-37.	1.2	35
89	Regulation of lipolysis in isolated adipocytes of rainbow trout (Oncorhynchus mykiss): The role of insulin and glucagon. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2005, 142, 347-354.	0.8	43
90	Autoradiographic and immunohistochemical localization of insulin-like growth factor-I receptor binding sites in brain of the brown trout, Salmo trutta. General and Comparative Endocrinology, 2005, 141, 203-213.	0.8	9

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91	Growth hormone and insulin-like growth factors in fish: Where we are and where to go. General and Comparative Endocrinology, 2005, 142, 20-24.	0.8	391
92	Nutritional and hormonal control of lipolysis in isolated gilthead seabream (Sparus aurata) adipocytes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R259-R265.	0.9	65
93	Response of hexokinase enzymes and the insulin system to dietary carbohydrates in the common carp,Cyprinus carpio. Reproduction, Nutrition, Development, 2004, 44, 233-242.	1.9	37
94	Glucagon and insulin response to dietary carbohydrate in rainbow trout (Oncorhynchus mykiss). General and Comparative Endocrinology, 2004, 139, 48-54.	0.8	48
95	Nutritional assessment of somatolactin function in gilthead sea bream (Sparus aurata): concurrent changes in somatotropic axis and pancreatic hormones. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2004, 138, 533-542.	0.8	57
96	Metabolic responses to glucoprivation induced by 2-deoxy-D-glucose in Brycon cephalus (Teleostei,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Physiology, 2004, 174, 91-96.	0.7	6
97	Metabolic and mitogenic effects of IGF-I and insulin on muscle cells of rainbow trout. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2004, 286, R935-R941.	0.9	146
98	Environmental temperature increases plasma GH levels independently of nutritional status in rainbow trout (Oncorhynchus mykiss). General and Comparative Endocrinology, 2003, 133, 17-26.	0.8	38
99	Effects of environmental temperature on IGF1, IGF2, and IGF type I receptor expression in rainbow trout (Oncorhynchus mykiss). General and Comparative Endocrinology, 2003, 133, 233-242.	0.8	112
100	Muscle insulin binding and plasma levels in relation to liver glucokinase activity, glucose metabolism and dietary carbohydrates in rainbow trout. Regulatory Peptides, 2003, 110, 123-132.	1.9	76
101	Physiological regulation of the expression of a GLUT4 homolog in fish skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E44-E49.	1.8	57
102	IGF-I binding in primary culture of muscle cells of rainbow trout: changes during in vitro development. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 283, R647-R652.	0.9	52
103	Metabolic changes in Brycon cephalus (Teleostei, Characidae) during post-feeding and fasting. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2002, 132, 467-476.	0.8	47
104	Insights into Insulin and Glucagon Responses in Fish. Fish Physiology and Biochemistry, 2002, 27, 205-216.	0.9	68
105	Glucokinase is highly induced and glucose-6-phosphatase poorly repressed in liver of rainbow trout (Oncorhynchus mykiss) by a single meal with glucose. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2001, 128, 275-283.	0.7	131
106	Receptors for Insulin-like Growth Factor-I (IGF-I) Predominate over Insulin Receptors in Skeletal Muscle Throughout the Life Cycle of Brown Trout, Salmo trutta. General and Comparative Endocrinology, 2001, 122, 148-157.	0.8	22
107	Title is missing!. Fish Physiology and Biochemistry, 2001, 25, 239-248.	0.9	8
108	Dietary fructose does not specifically induce hepatic glucokinase expression in rainbow trout. Journal of Fish Biology, 2001, 59, 455-458.	0.7	5

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109	Identification of a Type II Insulin-Like Growth Factor Receptor in Fish Embryos*. Endocrinology, 2001, 142, 1090-1097.	1.4	53
110	Fish Insulin, IGF-I and IGF-II Receptors: A Phylogenetic Approach. American Zoologist, 2000, 40, 223-233.	0.7	10
111	Fish Insulin, IGF-I and IGF-II Receptors: A Phylogenetic Approach1. American Zoologist, 2000, 40, 223-233.	0.7	29
112	Molecular identification of a glucose transporter from fish muscle1. FEBS Letters, 2000, 481, 266-270.	1.3	80
113	Insulin and IGF-I receptors in trout adipose tissue are physiologically regulated by circulating hormone levels. Journal of Experimental Biology, 2000, 203, 1153-1159.	0.8	41
114	Insulin and IGF-I receptors in trout adipose tissue are physiologically regulated by circulating hormone levels. Journal of Experimental Biology, 2000, 203, 1153-9.	0.8	39
115	Title is missing!. Fish Physiology and Biochemistry, 1999, 20, 341-349.	0.9	14
116	Regulation of plasma insulin-like growth factor-I levels in brown trout (Salmo trutta). Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1999, 124, 33-40.	0.5	32
117	Insulin, insulin-like growth factor-I (IGF-I) and glucagon: the evolution of their receptors. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1999, 122, 137-153.	0.7	100
118	Influence of high-carbohydrate enriched diets on plasma insulin levels and insulin and IGF-I receptors in trout. Regulatory Peptides, 1998, 77, 55-62.	1.9	79
119	Insulin-family peptideâ€"receptor interaction at the early stage of vertebrate evolution. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1998, 121, 57-63.	0.7	16
120	Appearance of insulin and insulin-like growth factor-I (IGF-I) receptors throughout the ontogeny of brown trout (Salmo trutta fario). Growth Hormone and IGF Research, 1998, 8, 195-204.	0.5	8
121	Characterization of Insulin and Insulin-Like Growth Factor-I Ovarian Receptors during the Reproductive Cycle of Carp (Cyprinus Carpio)1. Biology of Reproduction, 1997, 56, 1126-1132.	1.2	51
122	Lamprey but not Porcine Insulin Binds with Different Affinity to Lamprey and Rat Hepatocytes. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1997, 116, 135-139.	0.5	8
123	Insulin and insulin-like growth factor-I (IGF-I) binding in fish red muscle: regulation by high insulin levels. Regulatory Peptides, 1997, 68, 181-187.	1.9	37
124	Ovarian Receptors for Insulin and Insulin-like Growth Factor I (IGF-I) and Effects of IGF-I on Steroid Production by Isolated Follicular Layers of the Preovulatory Coho Salmon Ovarian Follicle. General and Comparative Endocrinology, 1997, 106, 189-201.	0.8	86
125	Effects of fasting and feeding on plasma amino acid levels in brown trout. Fish Physiology and Biochemistry, 1997, 16, 303-309.	0.9	33
126	Insulin and insulin-like growth factor-I receptors in fish brain. Regulatory Peptides, 1996, 61, 155-161.	1.9	62

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127	Insulin and IGF-I Binding in Isolated Trout Cardiomyocytes. General and Comparative Endocrinology, 1996, 103, 264-272.	0.8	37
128	JosÃ© Planas Mestres (1926â€"1995). Fish Physiology and Biochemistry, 1996, 15, 525-526.	0.9	0
129	Abundant Insulin-like Growth Factor-1 (IGF-1) Receptor Binding in Fish Skeletal Muscle. General and Comparative Endocrinology, 1995, 98, 16-25.	0.8	74
130	Insulin/IGF-I binding ratio in skeletal and cardiac muscles of vertebrates: a phylogenetic approach. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1995, 269, R1370-R1377.	0.9	30
131	Insulin and IGF-I binding and tyrosine kinase activity in fish heart. Journal of Endocrinology, 1995, 146, 35-44.	1.2	65
132	Estimates of fish glucagon by heterologous radioimmunoassay: antibody selection and cross-reactivities. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1995, 110, 313-319.	0.5	11
133	Chapter 17 Fasting and starvation. Biochemistry and Molecular Biology of Fishes, 1995, 4, 393-434.	0.5	169
134	Insulin binding and receptor tyrosine kinase activity in skeletal muscle of carnivorous and omnivorous fish. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1994, 266, R1944-R1950.	0.9	22
135	Effects of Insulin-Like Growth Factor I (Igf-I) On Steroid Production By Isolated Ovarian Theca and Granulosa Layers of Preovulatory Coho Salmon. Animal Biology, 1994, 45, 143-146.	0.4	8
136	Up-regulation of insulin binding in fish skeletal muscle by high insulin levels. Regulatory Peptides, 1994, 53, 211-222.	1.9	43
137	Peptide receptor assays: insulin receptor. Biochemistry and Molecular Biology of Fishes, 1994, 3, 431-446.	0.5	4
138	Hepatic extraction of circulating insulin and glucagon in brown trout(Salmo trutta fario) after glucose and arginine injection. The Journal of Experimental Zoology, 1993, 267, 416-422.	1.4	28
139	Insulin and IGF-I receptors and tyrosine kinase activity in carp ovaries: changes with reproductive cycle. Fish Physiology and Biochemistry, 1993, 11, 247-254.	0.9	70
140	Insulin binding to isolated hepatocytes of Atlantic salmon and rainbow trout. Fish Physiology and Biochemistry, 1993, 11, 401-409.	0.9	24
141	Post-feeding levels of insulin and glucagon in trout (Salmo trutta fario). Comparative Biochemistry and Physiology A, Comparative Physiology, 1993, 104, 389-393.	0.7	34
142	Variations in tissue reserves, plasma metabolites and pancreatic hormones during fasting in immature carp (Cyprinus carpio). Comparative Biochemistry and Physiology A, Comparative Physiology, 1992, 103, 357-363.	0.7	33
143	Changes in plasma glucagon, insulin and tissue metabolites associated with prolonged fasting in brown trout (Salmo trutta fario) during two different seasons of the year. Comparative Biochemistry and Physiology A, Comparative Physiology, 1992, 102, 401-407.	0.7	71
144	Fasting and refeeding in carp, Cyprinus carpio L.: the mobilization of reserves and plasma metabolite and hormone variations. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1992, 162, 539.	0.7	67

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145	Some plasma hormones and metabolites in the Pyrenean brown trout (Salmo trutta fario). Comparative Biochemistry and Physiology A, Comparative Physiology, 1991, 100, 919-923.	0.7	14
146	Isolation and primary structure of glucagon from the endocrine pancreas of Thunnus obesus. General and Comparative Endocrinology, 1991, 83, 227-232.	0.8	10
147	Insulin binding to liver plasma membranes of coho salmon during smoltification. General and Comparative Endocrinology, 1991, 82, 466-475.	0.8	27
148	The effects of starvation and refeeding on plasma amino acid levels in carp, Cyprinus carpio L., 1758. Journal of Fish Biology, 1991, 38, 587-598.	0.7	30
149	Changes in plasma glucagon and insulin associated with fasting in sea bass (Dicentrarchus labrax). Fish Physiology and Biochemistry, 1991, 9, 107-112.	0.9	54
150	Insulin-receptor binding in skeletal muscle of trout. Fish Physiology and Biochemistry, 1991, 9, 351-360.	0.9	47
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