Eduardo N Fuentes

List of Publications by Year
in descending order

20	899	567144 15	752573 20
papers	citations	h-index	g-index

22	22	22	1167
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Regulation of skeletal muscle growth in fish by the growth hormone â€“ Insulin-like growth factor system. General and Comparative Endocrinology, 2013, 192, 136-148.	0.8	235
2	Plasma leptin and growth hormone levels in the fine flounder (Paralichthys adspersus) increase gradually during fasting and decline rapidly after refeeding. General and Comparative Endocrinology, 2012, 177, 120-127.	0.8	104
3	IGF-I/PI3K/Akt and IGF-I/MAPK/ERK pathways in vivo in skeletal muscle are regulated by nutrition and contribute to somatic growth in the fine flounder. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R1532-R1542.	0.9	101
4	Nutritional status modulates plasma leptin, AMPK and TOR activation, and mitochondrial biogenesis: Implications for cell metabolism and growth in skeletal muscle of the fine flounder. General and Comparative Endocrinology, 2013, 186, 172-180.	0.8	69
5	Dynamic transcriptional regulation of autocrine/paracrine igfbp1, 2, 3, 4, 5, and 6 in the skeletal muscle of the fine flounder during different nutritional statuses. Journal of Endocrinology, 2012, 214, 95-108.	1.2	61
6	Inherent Growth Hormone Resistance in the Skeletal Muscle of the Fine Flounder Is Modulated by Nutritional Status and Is Characterized by High Contents of Truncated GHR, Impairment in the JAK2/STAT5 Signaling Pathway, and Low IGF-I Expression. Endocrinology, 2012, 153, 283-294.	1.4	42
7	IGFâ€1 induces IP₃â€dependent calcium signal involved in the regulation of myostatin gene expression mediated by NFAT during myoblast differentiation. Journal of Cellular Physiology, 2013, 228, 1452-1463.	2.0	38
8	Catabolic Signaling Pathways, Atrogenes, and Ubiquitinated Proteins Are Regulated by the Nutritional Status in the Muscle of the Fine Flounder. PLoS ONE, 2012, 7, e44256.	1.1	36
9	Molecular cloning of IGF-1 and IGF-1 receptor and their expression pattern in the Chilean flounder (Paralichthys adspersus). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2011, 159, 140-147.	0.7	30
10	The cAMP Response Element Binding protein (CREB) is activated by Insulin-like Growth Factor-1 (IGF-1) and regulates myostatin gene expression in skeletal myoblast. Biochemical and Biophysical Research Communications, 2013, 440, 258-264.	1.0	28
11	The TORC1/P70S6K and TORC1/4EBP1 signaling pathways have a stronger contribution on skeletal muscle growth than MAPK/ERK in an early vertebrate: Differential involvement of the IGF system and atrogenes. General and Comparative Endocrinology, 2015, 210, 96-106.	0.8	27
12	Divergent regulation of insulin-like growth factor binding protein genes in cultured Atlantic salmon myotubes under different models of catabolism and anabolism. General and Comparative Endocrinology, 2017, 247, 53-65.	0.8	23
13	Temporal and spatial expression pattern of the myostatin gene during larval and juvenile stages of the Chilean flounder (Paralichthys adspersus). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2008, 151, 197-202.	0.7	20
14	Dynamic expression pattern of the growth hormone receptor during early development of the Chilean flounder. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2008, 150, 93-102.	0.7	19
15	Transient inactivation of myostatin induces muscle hypertrophy and overcompensatory growth in zebrafish via inactivation of the SMAD signaling pathway. Journal of Biotechnology, 2013, 168, 295-302.	1.9	17
16	Isolation and selection of suitable reference genes for real-time PCR analyses in the skeletal muscle of the fine flounder in response to nutritional status: assessment and normalization of gene expression of growth-related genes. Fish Physiology and Biochemistry, 2013, 39, 765-777.	0.9	12
17	Upwelling-derived oceanographic conditions impact growth performance and growth-related gene expression in intertidal fish. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2017, 214, 12-18.	0.7	11
18	The vertebrate muscleâ€specific RING finger protein family includes MuRF4 â€“ A novel, conserved E3â€ubiquitin ligase. FEBS Letters, 2014, 588, 4390-4397.	1.3	10

#	Article	IF	Citations
19	Skeletal muscle plasticity induced by seasonal acclimatization involves IGF1 signaling: Implications in ribosomal biogenesis and protein synthesis. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2014, 176, 48-57.	0.7	9
20	Skeletal muscle plasticity induced by seasonal acclimatization in carp involves differential expression of rRNA and molecules that epigenetically regulate its synthesis. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2014, 172-173, 57-66.	0.7	7