

Emilio J VÃ©lez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5440911/publications.pdf>

Version: 2024-02-01

37
papers

764
citations

471371

17
h-index

552653

26
g-index

37
all docs

37
docs citations

37
times ranked

700
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The autophagy response during adipogenesis of primary cultured rainbow trout (<i>Oncorhynchus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2022, 258, 110700. | 0.7 | 2 |
| 2 | Interaction between the Effects of Sustained Swimming Activity and Dietary Macronutrient Proportions on the Redox Status of Gilthead Sea Bream Juveniles (<i>Sparus aurata</i> L.). Antioxidants, 2022, 11, 319. | 2.2 | 3 |
| 3 | Liver and muscle-specific effects of phoenixin-20 on the insulin-like growth factor system mRNAs in zebrafish. Growth Hormone and IGF Research, 2022, 63, 101456. | 0.5 | 1 |
| 4 | Diving into the Evolutionary History of HSC70-Linked Selective Autophagy Pathways: Endosomal Microautophagy and Chaperone-Mediated Autophagy. Cells, 2022, 11, 1945. | 1.8 | 11 |
| 5 | Nesfatin-1 and Nesfatin-1-like peptide suppress basal and TRH-Induced expression of prolactin and prolactin regulatory element-binding protein mRNAs in rat GH3 somatotrophs. Molecular and Cellular Endocrinology, 2021, 529, 111269. | 1.6 | 2 |
| 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 (<i>Sparus aurata</i>). Animals, 2021, 11, 2182. | 1.0 | 7 |
| 8 | The probiotic <i>Lactobacillus rhamnosus</i> mimics the dark-driven regulation of appetite markers and melatonin receptors' expression in zebrafish (<i>Danio rerio</i>) larvae: Understanding the role of the gut microbiome. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2021, 256, 110634. | 0.7 | 14 |
| 9 | Recombinant Bovine Growth Hormone-Induced Metabolic Remodelling Enhances Growth of Gilthead Sea-Bream (<i>Sparus aurata</i>): Insights from Stable Isotopes Composition and Proteomics. International Journal of Molecular Sciences, 2021, 22, 13107. | 1.8 | 2 |
| 10 | 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 |
| 11 | Nesfatin-1 and nesfatin-1-like peptide suppress growth hormone synthesis via the AC/PKA/CREB pathway in mammalian somatotrophs. Scientific Reports, 2020, 10, 16686. | 1.6 | 16 |
| 12 | Genistein Induces Adipogenic and Autophagic Effects in Rainbow Trout (<i>Oncorhynchus mykiss</i>) Adipose Tissue: In Vitro and In Vivo Models. International Journal of Molecular Sciences, 2020, 21, 5884. | 1.8 | 7 |
| 13 | Short-Term Responses to Fatty Acids on Lipid Metabolism and Adipogenesis in Rainbow Trout (<i>Oncorhynchus mykiss</i>). International Journal of Molecular Sciences, 2020, 21, 1623. | 1.8 | 9 |
| 14 | Regulatory mechanisms involved in muscle and bone remodeling during refeeding in gilthead sea bream. Scientific Reports, 2020, 10, 184. | 1.6 | 19 |
| 15 | A Comparative Update on the Neuroendocrine Regulation of Growth Hormone in Vertebrates. Frontiers in Endocrinology, 2020, 11, 614981. | 1.5 | 20 |
| 16 | Sustained swimming enhances white muscle capillarisation and growth by hyperplasia in gilthead sea bream (<i>Sparus aurata</i>) fingerlings. Aquaculture, 2019, 501, 397-403. | 1.7 | 14 |
| 17 | Gene expression analyses in malformed skeletal structures of gilthead sea bream (<i>Sparus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2019, 14, e0215926. | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | A long-term growth hormone treatment stimulates growth and lipolysis in gilthead sea bream juveniles. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019, 232, 67-78. | 0.8 | 18 |
| 20 | Temperature Affects Musculoskeletal Development and Muscle Lipid Metabolism of Gilthead Sea Bream (<i>Sparus aurata</i>). <i>Frontiers in Endocrinology</i> , 2019, 10, 173. | 1.5 | 24 |
| 21 | Effects of β -adrenoceptor agonists on gilthead sea bream (<i>Sparus aurata</i>) cultured muscle cells. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 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 (<i>Sparus aurata</i>). <i>General and Comparative Endocrinology</i> , 2018, 257, 192-202. | 0.8 | 36 |
| 23 | DNA methylation of the promoter region of <i>bnip3</i> and <i>bnip3l</i> genes induced by metabolic programming. <i>BMC Genomics</i> , 2018, 19, 677. | 1.2 | 27 |
| 24 | Ghrelin and Its Receptors in Gilthead Sea Bream: Nutritional Regulation. <i>Frontiers in Endocrinology</i> , 2018, 9, 399. | 1.5 | 17 |
| 25 | Understanding fish muscle growth regulation to optimize aquaculture production. <i>Aquaculture</i> , 2017, 467, 28-40. | 1.7 | 102 |
| 26 | Eating for two: Consequences of parental methionine nutrition on offspring metabolism in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquaculture</i> , 2017, 471, 80-91. | 1.7 | 22 |
| 27 | Moderate and sustained exercise modulates muscle proteolytic and myogenic markers in gilthead sea bream (<i>Sparus aurata</i>). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 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. <i>Aquatic Toxicology</i> , 2017, 188, 148-158. | 1.9 | 27 |
| 29 | Proteolytic systems' expression during myogenesis and transcriptional regulation by amino acids in gilthead sea bream cultured muscle cells. <i>PLoS ONE</i> , 2017, 12, e0187339. | 1.1 | 20 |
| 30 | Caffeic acid and hydroxytyrosol have anti-obesogenic properties in zebrafish and rainbow trout models. <i>PLoS ONE</i> , 2017, 12, e0178833. | 1.1 | 13 |
| 31 | Contribution of in vitro myocytes studies to understanding fish muscle physiology. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2016, 199, 67-73. | 0.7 | 24 |
| 32 | Effects of sustained exercise on GH-IGFs axis in gilthead sea bream (<i>Sparus aurata</i>). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R313-R322. | 0.9 | 32 |
| 33 | Characterization data of gilthead sea bream (<i>Sparus aurata</i>) IGF-I receptors (IGF-IRa/Rb). <i>Data in Brief</i> , 2016, 6, 507-513. | 0.5 | 4 |
| 34 | IGF-I and IGF-II effects on local IGF system and signaling pathways in gilthead sea bream (<i>Sparus aurata</i>) cultured myocytes. <i>General and Comparative Endocrinology</i> , 2016, 232, 7-16. | 0.8 | 33 |
| 35 | Lysine and Leucine Deficiencies Affect Myocytes Development and IGF Signaling in Gilthead Sea Bream (<i>Sparus aurata</i>). <i>PLoS ONE</i> , 2016, 11, e0147618. | 1.1 | 48 |
| 36 | Growth-promoting effects of sustained swimming in fingerlings of gilthead sea bream (<i>Sparus aurata</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 TF</i> 185, 859-868. | 0.7 | 43 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | IGF-I and amino acids effects through TOR signaling on proliferation and differentiation of gilthead sea bream cultured myocytes. <i>General and Comparative Endocrinology</i> , 2014, 205, 296-304. | 0.8 | 59 |