

Manuel Gesto

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,628
citations

257101

24
h-index

315357

38
g-index

56
all docs

56
docs citations

56
times ranked

1654
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Characterization of the neuroendocrine stress status as part of the multiparametric assessment of welfare in fish. , 2022, , 285-308. | | 1 |
| 2 | Effects of simple shelters on growth performance and welfare of rainbow trout juveniles. Aquaculture, 2022, 551, 737930. | 1.7 | 7 |
| 3 | Ontogenetic changes in digestive enzyme activity and biochemical indices of larval and postlarval European lobster (<i>Homarus gammarus</i> , L). Marine Biology, 2022, 169, 1. | 0.7 | 5 |
| 4 | Cohabitation With Atlantic Salmon (<i>Salmo salar</i>) Affects Brain Neuromodulators But Not Welfare Indicators in Lumpfish (<i>Cyclopterus lumpus</i>). Frontiers in Physiology, 2022, 13, 781519. | 1.3 | 2 |
| 5 | Effects of ozonation and foam fractionation on rainbow trout condition and physiology in a small-scale freshwater recirculation aquaculture system. Aquaculture, 2022, 557, 738312. | 1.7 | 3 |
| 6 | Temperature increase and its effects on fish stress physiology in the context of global warming. Journal of Fish Biology, 2021, 98, 1496-1508. | 0.7 | 197 |
| 7 | Replacement of Antarctic krill (<i>Euphausia superba</i>) by extruded feeds with different proximate compositions: effects on growth, nutritional condition and digestive capacity of juvenile European lobsters (<i>Homarus gammarus</i> , L.). Journal of Nutritional Science, 2021, 10, e36. | 0.7 | 7 |
| 8 | Early performance, stress- and disease-sensitivity in rainbow trout fry (<i>Oncorhynchus mykiss</i>) after total dietary replacement of fish oil with rapeseed oil. Effects of EPA and DHA supplementation. Aquaculture, 2021, 536, 736446. | 1.7 | 11 |
| 9 | Parental selection for growth and early-life low stocking density increase the female-to-male ratio in European sea bass. Scientific Reports, 2021, 11, 13620. | 1.6 | 10 |
| 10 | Interactions of temperature and dietary composition on juvenile European lobster (<i>Homarus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Molecular & Integrative Physiology, 2021, 260, 111019. | 0.8 | 8 |
| 11 | Behavioural and physiological responses of lumpfish (<i>Cyclopterus lumpus</i>) exposed to Atlantic salmon (<i>Salmo salar</i>) sensory cues. Aquaculture, 2021, 544, 737066. | 1.7 | 9 |
| 12 | Using acoustic telemetry to assess behavioral responses to acute hypoxia and ammonia exposure in farmed rainbow trout of different competitive ability. Applied Animal Behaviour Science, 2020, 230, 105084. | 0.8 | 25 |
| 13 | Fish individuality, physiology and welfare. Physiology and Behavior, 2020, 219, 112867. | 1.0 | 2 |
| 14 | The effect of dietary protein, lipid, and carbohydrate levels on the performance, metabolic rate and nitrogen retention in juvenile European lobster (<i>Homarus gammarus</i> , L.). Aquaculture, 2020, 525, 735334. | 1.7 | 12 |
| 15 | Proactive coping style in early emerging rainbow trout carries a metabolic cost with no apparent return. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 231, 104-110. | 0.8 | 6 |
| 16 | Consistent individual competitive ability in rainbow trout as a proxy for coping style and its lack of correlation with cortisol responsiveness upon acute stress. Physiology and Behavior, 2019, 208, 112576. | 1.0 | 13 |
| 17 | Coping styles in European sea bass: The link between boldness, stress response and neurogenesis. Physiology and Behavior, 2019, 207, 76-85. | 1.0 | 56 |
| 18 | The effect of dietary n-3 LC-PUFA on the responses to acute and prolonged stress of meagre (<i>Argyrosomus regius</i> , Asso 1801) juveniles. Aquaculture, 2019, 506, 112-118. | 1.7 | 6 |

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|----|---|-----|-----------|
| 19 | Physiological roles of tryptophan in teleosts: current knowledge and perspectives for future studies. <i>Reviews in Aquaculture</i> , 2019, 11, 3-24. | 4.6 | 80 |
| 20 | Stress and disease resilience differences related to emergence time for first feeding in farmed rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Journal of Experimental Biology</i> , 2018, 221, . | 0.8 | 4 |
| 21 | Confirmation that pulse and continuous peracetic acid administration does not disrupt the acute stress response in rainbow trout. <i>Aquaculture</i> , 2018, 492, 190-194. | 1.7 | 20 |
| 22 | Short-term exposure to repeated chasing stress does not induce habituation in Senegalese sole, <i>Solea senegalensis</i> . <i>Aquaculture</i> , 2018, 487, 32-40. | 1.7 | 9 |
| 23 | Interplay between daily rhythmic serum-mediated bacterial killing activity and immune defence factors in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Fish and Shellfish Immunology</i> , 2018, 72, 418-425. | 1.6 | 30 |
| 24 | Influence of vegetable diets on physiological and immune responses to thermal stress in Senegalese sole (<i>Solea senegalensis</i>). <i>PLoS ONE</i> , 2018, 13, e0194353. | 1.1 | 24 |
| 25 | Neuroendocrine and Immune Responses Undertake Different Fates following Tryptophan or Methionine Dietary Treatment: Tales from a Teleost Model. <i>Frontiers in Immunology</i> , 2017, 8, 1226. | 2.2 | 38 |
| 26 | Emergence Time and Skin Melanin Spot Patterns Do Not Correlate with Growth Performance, Social Competitive Ability or Stress Response in Farmed Rainbow Trout. <i>Frontiers in Neuroscience</i> , 2017, 11, 319. | 1.4 | 13 |
| 27 | Retinoid level dynamics during gonad recycling in the limpet <i>Patella vulgata</i> . <i>General and Comparative Endocrinology</i> , 2016, 225, 142-148. | 0.8 | 10 |
| 28 | Characterization of melatonin synthesis in the gastrointestinal tract of rainbow trout (<i>Oncorhynchus mykiss</i>): distribution, relation with serotonin, daily rhythms and photoperiod regulation. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2016, 186, 471-484. | 0.7 | 43 |
| 29 | A simple melatonin treatment protocol attenuates the response to acute stress in the sole <i>Solea senegalensis</i> . <i>Aquaculture</i> , 2016, 452, 272-282. | 1.7 | 22 |
| 30 | Chronic effects of clofibrac acid in zebrafish (<i>Danio rerio</i>): A multigenerational study. <i>Aquatic Toxicology</i> , 2015, 160, 76-86. | 1.9 | 49 |
| 31 | Effects of Tributyltin and Other Retinoid Receptor Agonists in Reproductive-Related Endpoints in the Zebrafish (<i>Danio rerio</i>). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015, 78, 747-760. | 1.1 | 29 |
| 32 | Is gill cortisol concentration a good acute stress indicator in fish? A study in rainbow trout and zebrafish. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 188, 65-69. | 0.8 | 34 |
| 33 | Gradation of the Stress Response in Rainbow Trout Exposed to Stressors of Different Severity: The Role of Brain Serotonergic and Dopaminergic Systems. <i>Journal of Neuroendocrinology</i> , 2015, 27, 131-141. | 1.2 | 45 |
| 34 | The Antidepressant Venlafaxine Disrupts Brain Monoamine Levels and Neuroendocrine Responses to Stress in Rainbow Trout. <i>Environmental Science & Technology</i> , 2014, 48, 13434-13442. | 4.6 | 56 |
| 35 | Stress inhibition of melatonin synthesis in the pineal organ of rainbow trout (<i>Oncorhynchus</i>) | 0.8 | 27 |
| 36 | Is plasma cortisol response to stress in rainbow trout regulated by catecholamine-induced hyperglycemia?. <i>General and Comparative Endocrinology</i> , 2014, 205, 207-217. | 0.8 | 14 |

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|----|--|-----|-----------|
| 37 | Arginine Vasotocin Treatment Induces a Stress Response and Exerts a Potent Anorexigenic Effect in Rainbow Trout, <i>Oncorhynchus mykiss</i> . Journal of Neuroendocrinology, 2014, 26, 89-99. | 1.2 | 38 |
| 38 | Environmental levels of the antidepressant venlafaxine impact the metabolic capacity of rainbow trout. Aquatic Toxicology, 2014, 155, 190-198. | 1.9 | 50 |
| 39 | Retinoid metabolism in invertebrates: When evolution meets endocrine disruption. General and Comparative Endocrinology, 2014, 208, 134-145. | 0.8 | 26 |
| 40 | Oral administration of melatonin counteracts several of the effects of chronic stress in rainbow trout. Domestic Animal Endocrinology, 2014, 46, 26-36. | 0.8 | 39 |
| 41 | Short-term time course of liver metabolic response to acute handling stress in rainbow trout, <i>Oncorhynchus mykiss</i> . Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2014, 168, 40-49. | 0.8 | 54 |
| 42 | Differences in retinoid levels and metabolism among gastropod lineages: Imposex-susceptible gastropods lack the ability to store retinoids in the form of retinyl esters. Aquatic Toxicology, 2013, 142-143, 96-103. | 1.9 | 14 |
| 43 | The response of brain serotonergic and dopaminergic systems to an acute stressor in rainbow trout: a time-course study. Journal of Experimental Biology, 2013, 216, 4435-42. | 0.8 | 90 |
| 44 | Melatonin partially minimizes the adverse stress effects in Senegalese sole (<i>Solea senegalensis</i>). Aquaculture, 2013, 388-391, 165-172. | 1.7 | 23 |
| 45 | Tissue-specific distribution patterns of retinoids and didehydroretinoids in rainbow trout <i>Oncorhynchus mykiss</i> . Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2012, 161, 69-78. | 0.7 | 22 |
| 46 | Retinol Metabolism in the Mollusk <i>Osilinus lineatus</i> Indicates an Ancient Origin for Retinyl Ester Storage Capacity. PLoS ONE, 2012, 7, e35138. | 1.1 | 20 |
| 47 | Changes in plasma melatonin levels and pineal organ melatonin synthesis following acclimation of rainbow trout (<i>Oncorhynchus mykiss</i>) to different water salinities. Journal of Experimental Biology, 2011, 214, 928-936. | 0.8 | 25 |
| 48 | Alterations in the brain monoaminergic neurotransmitters of rainbow trout related to naphthalene exposure at the beginning of vitellogenesis. Fish Physiology and Biochemistry, 2009, 35, 453-465. | 0.9 | 4 |
| 49 | $\hat{1}^2$ -Naphthoflavone and benzo(a)pyrene alter dopaminergic, noradrenergic, and serotonergic systems in brain and pituitary of rainbow trout (<i>Oncorhynchus mykiss</i>). Ecotoxicology and Environmental Safety, 2009, 72, 191-198. | 2.9 | 30 |
| 50 | Effects of naphthalene, $\hat{1}^2$ -naphthoflavone and benzo(a)pyrene on the diurnal and nocturnal indoleamine metabolism and melatonin content in the pineal organ of rainbow trout, <i>Oncorhynchus mykiss</i> . Aquatic Toxicology, 2009, 92, 1-8. | 1.9 | 19 |
| 51 | Immunolocalization of glucokinase in glucosensing tissues of rainbow trout. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 151, S16. | 0.8 | 0 |
| 52 | Acute and prolonged stress responses of brain monoaminergic activity and plasma cortisol levels in rainbow trout are modified by PAHs (naphthalene, $\hat{1}^2$ -naphthoflavone and benzo(a)pyrene) treatment. Aquatic Toxicology, 2008, 86, 341-351. | 1.9 | 86 |
| 53 | $\hat{1}^2$ -Naphthoflavone and benzo(a)pyrene treatment affect liver intermediary metabolism and plasma cortisol levels in rainbow trout <i>Oncorhynchus mykiss</i> . Ecotoxicology and Environmental Safety, 2008, 69, 180-186. | 2.9 | 58 |
| 54 | Naphthalene treatment alters liver intermediary metabolism and levels of steroid hormones in plasma of rainbow trout (<i>Oncorhynchus mykiss</i>). Ecotoxicology and Environmental Safety, 2007, 66, 139-147. | 2.9 | 48 |

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|----|--|-----|-----------|
| 55 | Interactive effects of naphthalene treatment and the onset of vitellogenesis on energy metabolism in liver and gonad, and plasma steroid hormones of rainbow trout <i>Oncorhynchus mykiss</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 144, 155-165. | 1.3 | 18 |
| 56 | Effects of acute and prolonged naphthalene exposure on brain monoaminergic neurotransmitters in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 144, 173-183. | 1.3 | 37 |