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| Descrizione fisica | 1 online resource (452 p.) |
| Disciplina | 573.4/17 |
| Soggetti | Fishes - Endocrinology<br>SCIENCE<br>Life Sciences / Anatomy & Physiology (see also Life Sciences / Human Anatomy & Physiology)<br>Vertebrates<br>Zoology<br>Health & Biological Sciences |
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| Note generali | Originally published: Enfield, N.H. : Science Publishers, 2006. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | VOLUME 1: Insulin and Insulin-like Growth Factors: A Survey on the Insulin and Insulin-like Growth Factor System; Insulin Metabolic Effects in Fish Tissues; Non-radioisotopic Immunoassay for Fish Insulin; Insulin-like Growth Factor I and II in Fish; Insulin and IGF Receptors in Fish; Insulin-like Growth Factor-Binding Proteins (IGFBPs) in Fish: Beacons for (Disrupted) Growth Endocrine PhysiologyGastro-entero-pancreatic (GEP) System: The Endocrine Pancreas of African Lungfish: Light and Electron Microscopic Immunocytochemistry and Morphology; Glucagon and Friends; The Development of the Gastro-entero-pancreatic (GEP) Endocrine System of TeleostsPituitary: Development, Hormones and Functions: Teleost Adenohypophysis: Morphofunctional and Developmental Aspects; Diverse Structures and Functions of Melanocortin, Endorphin and Melanin-Concentrating Hormone in Fish; |

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| | Osmoregulatory Action of Hypophyseal Hormones in Teleosts; Osmoreception: A Fish Model for a Fundamental Sensory ModalityVOLUME 2: Natriuretic Peptides: The Natriuretic Peptide System of Fishes: Structure, Evolution and Function Cardiac No Signaling: Nitric Oxide Modulation of Mechanical Performance in the Teleost HeartMyotropic Hormones: Myotropic Neurohormonal Peptides in FishPineal Organ: Structure and Function: The Pineal OrganStress Response, Reproduction and Endocrine Disruptors: Morphofunctional Aspects of Reproduction from Synchronous to Asynchronous Fishes An Overview; Current Perspectives on Estradiol (E2) Action and Nuclear Estrogen Receptors (ER) in Teleost Fish; Stress Biomarkers and Reproduction in Fish; Neuroendocrine Mechanisms Regulating Stress Response in Cultured Teleost Species; The HPA Axis and Functions of Corticosteroids in Fishes; Modes of Action and Physiological Effects of Thyroid Hormones in Fish; The Impact of Environmental Hormonally Active Substances on the Endocrine and Immune System of Fish |
| Sommario/riassunto | During the past two decades, fish endocrinology has witnessed exciting developments due to our increased knowledge at all levels of biological organizations, including molecular biology, cell biology, physiology and behavior. New insights into development, neurobiology, immunology and molecular genetics closely correlated with classical aspects of |