1. Record Nr. UNINA9910784646103321

Titolo	Fish biomechanics [[electronic resource] /] / edited by Robert E. Shadwick, George V. Lauder
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Academic Press, c2006
ISBN	1-281-05041-5 9786611050412 0-08-047776-3
Descrizione fisica	1 online resource (556 p.)
Collana	Fish physiology series ; ; v. 23
Altri autori (Persone)	ShadwickRobert Edward <1953-> LauderGeorge V
Disciplina	571.43197 597.01 597/.01
Soggetti	Biomechanics Fishes - Physiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover Page; Title; Copyright; Fish Biomechanics; Contents; Contributors; Preface; Chapter 1: Mechanics of Respiratory Pumps; I. Introduction; II. Aquatic Respiratory Pumps; III. Aerial Respiratory Pumps; IV. Future Directions; References; Chapter 2: Skull Biomechanics and Suction Feeding in Fishes; I. Introduction; II. Skull Morphology and Mechanisms; III. Biomechanical Models of Skull Function; IV. Suction Feeding for Prey Capture; V. Ecomorphology of Fish Feeding; VI. Phylogenetic Patterns of Feeding in Fishes; VII. Summary and Conclusions; References Chapter 3: Functional Morphology of the Pharyngeal Jaw ApparatusI. Introduction; II. The Pharyngeal Jaw Apparatus of Perciform Fishes; III. Innovation in the Pharyngeal Jaw Apparatus; IV. Summary; References; Chapter 4: The Hydrodynamics and Structural Mechanics of the Lateral Line System; I. Introduction; II. General Function, Structure, and Organization; III. Hair Cell Micromechanics; IV. Lateral Line Mechanics and Hydrodynamics; V. Concluding Remarks; References; Chapter 5: Skin and Bones, Sinew and Gristle: the Mechanical Behavior of Fish

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Sommario/riassunto

The first in two decades to exclusively integrate physiological and biomechanical studies of fish locomotion, feeding and breathing, making this book both comprehensive and unique. This book reviews and integrates recent developments in research on fish biomechanics, with particular emphasis on experimental results derived from the application of innovative new technologies to this area of research, such as high-speed video, sonomicrometry and digital imaging of flow fields. The collective chapters, written by leaders in the field, provide a multidisciplinary view and synthesis of the latest i