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Nota di contenuto	Preface to "Filter-Feeding in Marine Invertebrates" vii -- Superfluous Feeding and Growth of Jellyfish <i>Aurelia aurita</i> 1 -- High-Frequency Responses of the Blue Mussel (<i>Mytilus edulis</i>) Feeding and Ingestion Rates to Natural Diets 9 -- Filtration Rates and Scaling in Demosponges 27 -- Actual and Model-Predicted Growth of Sponges-With a Bioenergetic Comparison to Other Filter-Feeders 39 -- A Review on Genus <i>Halichondria</i> (Demospongiae, Porifera) 53 -- Size-Specific Growth of Filter-Feeding Marine Invertebrates 69.
Sommario/riassunto	Filter-feeding in marine invertebrates is a big and important research subject, which cannot be even approximately covered by the present six articles. But although these articles deal with a limited and rather random selection of both topics and filter-feeding species, they give an update of certain aspects of important ongoing research. The articles deal with many topics, such as: filtration rates, energy budgets, growth rates, bioenergetic modeling, filter-pump design, particle-capture mechanisms, functional morphology, and hydrodynamics studied in sponges, jellyfish, mussels, and other filter-feeding marine invertebrates. This makes the Special Issue relevant for all marine biologists.