1. Record Nr. UNINA9910220039203321 Motor skills and their foundational role for perceptual, social, and **Titolo** cognitive development / / topic editors, Petra Hauf, St. Francis Xavier University, Canada, Klaus Libertus, University of Pittsburgh, USA Frontiers Media SA, 2017 Pubbl/distr/stampa Descrizione fisica 1 electronic resource (293 p.) Frontiers Research Topics Collana 155.4/123 Disciplina Motor ability in children Soggetti Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto Motor skills are a vital part of healthy development and are featured prominently both in physical examinations and in parents' baby diaries. It has been known for a long time that motor development is critical for children's understanding of the physical and social world. Learning occurs through dynamic interactions and exchanges with the physical and the social world, and consequently movements of eyes and head, arms and legs, and the entire body are a critical during learning. At birth, we start with relatively poorly developed motor skills but soon gain eye and head control, learn to reach, grasp, sit, and eventually to crawl and walk on our own. The opportunities arising from each of these motor milestones are profound and open new and exciting possibilities for exploration and interactions, and learning. Consequently, several theoretical accounts of child development suggest that growth in cognitive, social, and perceptual domains are

influences by infants' own motor experiences. Recently, empirical studies have started to unravel the direct impact that motor skills may

renewed interest and includes reviews of previous findings and recent empirical evidence for associations between the motor domain and

development. We hope that these articles will stimulate further research

have other domains of development. This volume is part of this

other domains from leading researchers in the field of child

on this interesting question.