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	 entropy: Comparing trained and untrained adolescent female soccer players: G.R. Biltz, V.B. Unnithan, S.R. Brown, S. Marwood, D.M. Roche, M. Garrard, and K. Holloway 9. Effect of exercise mode on fat oxidation and 'fatmax' in pre- to early pubertal girls and boys: K. Tolfrey and J.K. Zakrzewski10. Prefrontal cortex oxygenation and muscle oxygenation during incremental exercise in children: A near-infrared spectroscopy study: M. Luszczyk, S. Kujach, R.A. Olek, R. Laskowski, and A. Szczesna-Kaczmarek; 11. Comparative analysis of quadriceps endurance during sustained submaximal isometric contractions in children and adults: A. Bouchant, A. Abdelmoula, V. Martin, C. Lavet, C.A. Williams, and S. Ratel 12. Heat sensation of obese and non-obese pubescent boys during cycling and recovery in the heat: P.L. Sehl, G.T. Leites, J.B. Martins, G.S. Cunha, and F. Meyer13. Ability of milk to replace fluid losses in children after exercise in the heat: K. Volterman, J. Obeid, B. Wilk, and B.W. Timmons; Part IV:Physical Activity and Health; 14. Relationships between cardiometabolic risk factors and aerobic fitness: a fresh look: R.G. McMurray, C. Lehman, P.A. Hosick, and A. Bugge 15. Effects of a school-based cross-curricular physical activity intervention on cardiovascular disease risk factors in 11-14 year olds: G.J. Knox, J.S. Baker, B. Davies, A. Rees, K. Morgan, and N.E. Thomas16. Impact of changes in screen time on blood profiles and blood pressure in adolescents over a two year period: D.R. Dengel, M.O. Hearst, J.H. Harmon, and L.A. Lytle; 17. Aerobic fitness and physical activity are related to lean body mass and not adiposity in preschoolers: L. Gabel, N.A. Proudfoot, and B. W. Timmons 18. Validation of the GENEA waveform accelerometer for assessment of children's physical activity: L.R.S. Phillips, A. V. Rowlands, and C. G.
Sommario/riassunto	Parfitt "Children and Exercise XXVI presents the latest scientific research into paediatric exercise physiology, endocrinology, kinanthropometry, growth and maturation, and youth sport. Including contributions from a wide-range of leading international experts, the book is arranged into seven thematic sections addressing:cardiovascular responses to exercisegenetics, metabolism and physical activitylimiting factors of muscle exerciserespiratory responses to exerciseepidemiology in physical activity and obesityphysical activity and nutritionmetabolic disorders and exercise.Offering critical reviews of current topics and reports of current and on-going research in paediatric health and exercise science, this is a key text for all researchers, teachers, health professionals and students with an interest in paediatric sport and exercise science, sports medicine and physical education"