

1. Record Nr.	UNINA9910734843703321
Autore	Baca Arnold
Titolo	13th World Congress of Performance Analysis of Sport and 13th International Symposium on Computer Science in Sport // edited by Arnold Baca, Juliana Exel
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	3-031-31772-6
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (197 pages)
Collana	Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 1448
Altri autori (Persone)	ExelJuliana
Disciplina	796
Soggetti	Computational intelligence Sports sciences Medical informatics Computational Intelligence Sport Science Health Informatics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Soccer Analytics - Analysing Tracking Data -- Level Up the Exergame – Attractive and Effective Training for Body and Brain -- Smart Sensing Technologies in Sports Science -- Training and Performance Analysis in Team Sports -- High execution quality leads to more beneficial break point angles during the Nordic Hamstring Exercise -- Mobile Applications for Training -- Effects of test modality and hip flexion on resultant knee flexor moments -- Head Kinematics in Soccer Headers and their Lab-Based Surrogates -- Individualized Feedback Training in High Performance Rowing -- Can pose estimation be used for performance analysis in the shot put - a pilot study.
Sommario/riassunto	This book discovers the latest research and insights in sports performance analysis and computer science in sports with the 13th World Congress of Performance Analysis of Sport and 13th International Symposium on Computer Science in Sport joint conference proceedings. This comprehensive book features over 40 peer-reviewed scientific works, showcasing the latest developments in these areas. The book covers a wide range of topics, including data analytics in

sports, performance tracking and monitoring, artificial intelligence and machine learning in sports, virtual and augmented reality in sports, sensor technology, sports biomechanics, and motor control. By reading this book, you'll gain a deeper understanding of how applied and research-based problems can, together, transform the world of sports, and how you can stay ahead of the curve in this rapidly evolving field. This means that whether you're a researcher, coach, athlete, or sports enthusiast, there is something for everyone in this book.
