1. **Record Nr.**   UNINA9910585944703321

   Autore   Denaro Vincenzo

   Titolo   Low Back Pain (LBP)

   Pubbl/distr/stampa Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022

   Descrizione fisica 1 online resource (318 p.)

   Soggetti   Environmental science, engineering and technology
                          Technology: general issues

   Lingua di pubblicazione Inglese

   Formato   Materiale a stampa

   Livello bibliografico Monografia

   Sommario/riassunto Low back pain (LBP) is a major public health problem, being the most commonly reported musculoskeletal disorder (MSD) and the leading cause of compromised quality of life and work absenteeism. Indeed, LBP is the leading worldwide cause of years lost to disability, and its burden is growing alongside the increasing and aging population. The etiology, pathogenesis, and occupational risk factors of LBP are still not fully understood. It is crucial to give a stronger focus to reducing the consequences of LBP, as well as preventing its onset. Primary prevention at the occupational level remains important for highly exposed groups. Therefore, it is essential to identify which treatment options and workplace-based intervention strategies are effective in increasing participation at work and encouraging early return-to-work to reduce the consequences of LBP. The present Special Issue offers a unique opportunity to update many of the recent advances and perspectives of this health problem. A number of topics will be covered in order to attract high-quality research papers, including the following major areas: prevalence and epidemiological data, etiology, prevention, assessment and treatment approaches, and health promotion strategies for LBP. We have received a wide range of submissions, including research on the physical, psychosocial, environmental, and occupational perspectives, also focused on workplace interventions.

2.	Record Nr.	UNINA9910349503403321
	Autore	Di Matteo Tiziana
	Titolo	Black Hole Formation and Growth : Saas-Fee Advanced Course 48. Swiss Society for Astrophysics and Astronomy / / by Tiziana Di Matteo, Andrew King, Neil J. Cornish ; edited by Roland Walter, Philippe Jetzer, Lucio Mayer, Nicolas Produit
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2019
	ISBN	3-662-59799-3
	Edizione	[1st ed. 2019.]
	Descrizione fisica	1 online resource (xiii, 212 pages) : illustrations
	Collana	Saas-Fee Advanced Course, , 1861-8227 ; ; 48
	Disciplina	523.8875
	Soggetti	Astrophysics Cosmology
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Black Hole Merging and Gravitational Waves -- Supermassive Black Hole Accretion and Feedback -- Black Holes across Cosmic History: a journey through 13.8 billion years.
	Sommario/riassunto	The ultimate proofs that black holes exist have been obtained very recently thanks to the detection of gravitational waves from their coalescence and due to material orbiting at a distance of some gravitational radii imaged by optical interferometry or X-ray reverberation mapping. This book provides three comprehensive and up-to-date reviews covering the gravitational wave breakthrough, our understanding of accretion and feedback in supermassive black holes and the relevance of black holes for the Universe since the Big Bang. Neil J. Cornish presents gravitational wave emission from black hole mergers and the physics of detection. Andrew King reviews the physics of accretion on to supermassive black holes and their feedback on host galaxies. Tiziana Di Matteo addresses our understanding of black hole formation at cosmic dawn, the emergence of the first quasars, black hole merging and structure formation. The topics covered by the 48th Saas-Fee Course provide a broad overview of the importance of black holes in modern astrophysics.