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	Autore	Madge, John
	Titolo	Lo sviluppo dei metodi di ricerca empirica in sociologia / John Madge
	Pubbl/distr/stampa	Bologna : il Mulino, 1969
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2.	Record Nr.	UNINA990008937380403321
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	Pubbl/distr/stampa	Roma, : ISTAT
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3. Record Nr.	UNINA9910437605503321
Titolo	Cerebral blood flow, metabolism, and head trauma : the pathotrajectory of traumatic brain injury / / Christian W. Kreipke, Jose A. Rafols ; editors
Pubbl/distr/stampa	New York, : Springer, 2012, c2013
ISBN	1-283-61142-2 9786613923875 1-4614-4148-X
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Descrizione fisica	1 online resource (173 p.)
Altri autori (Persone)	KreipkeChristian W RafolsJose A
Disciplina	617.4 617.4/81044
Soggetti	Brain - Wounds and injuries Cerebral circulation Brain damage Brain - Metabolism
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Historical perspectives in understanding traumatic brain injury and in situating disruption in CBF in the pathotrajectory of head trauma -- Situating Cerebral Blood Flow in the Pathotrajectory of Head Trauma -- Modeling of traumatic brain injury and its implications in studying the pathology of repeated mild impacts to the head -- The presence of venous damage and microbleeds in traumatic brain injury and the potential future role of angiographic and perfusion magnetic resonance imaging -- Situating the Endothelin System in the pathotrajectory of TBI-induced changes in haemodynamics -- Age and Sex Differences in Cerebral Blood Flow and Autoregulation after Pediatric Traumatic Brain Injury -- New Frontiers in Clinical Trials Aimed at Improving Outcome Following Traumatic Brain Injury.
Sommario/riassunto	Traumatic brain injury (TBI) has caught the ear of the general public in the last few years in the context of injuries seen both in athletes and the military. Despite TBI being situated as a critical problem in society

for multiple decades, the underlying pathotrajjectory of TBI has only recently been truly appreciated. Only recently has TBI research begun to develop better models of TBI that more closely recapitulate the human condition, make new advances in our ability to image pathophysiological sequelae in the brain following TBI, place a greater emphasis on studying the vascular dysfunction that accompanies head trauma, and, very recently, explore a new understanding of how age and sex can alter outcome to brain injury. While this book was developed to satisfy a wide audience, from patient to caregiver, basic scientist to clinical scientist, the overall goal is to present the most current information known about head trauma and to expose areas where we may be deficient in understanding the nuances of TBI. In particular, focus will be placed on the largest gap in our knowledge—the influence of cerebral blood flow (CBF) and metabolism in outcome following injury. This volume explores such varied concepts as the influence of CBF in the pathotrajjectory of TBI, modeling TBI as a means to understand underlying pathological states associated with brain injury victims, disrupted vasculature following head trauma and advanced imaging techniques, vasoreactive substances underlying disrupted blood flow, the role of age and sex on injury outcome, and the latest pre-clinical rationale for focusing on CBF and strategies to improve blood flow as a means to improve outcome in patients suffering the effects of TBI. Taken together, the information contained in “Cerebral Blood Flow, Metabolism, and Head Trauma” is designed to both educate and illuminate anyone associated with TBI, with the hopes of stimulating future research.

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