

1. Record Nr.	UNINA9910463702503321
Titolo	Cognitive plasticity in neurologic disorders // edited by Joseph Tracy, Benjamin Hampstead, Krishnankutty Sathian
Pubbl/distr/stampa	Oxford, [England] ; ; New York, New York : , : Oxford University Press, , 2015 ©2015
ISBN	0-19-020546-6 0-19-020547-4 0-19-932188-4
Descrizione fisica	1 online resource (433 p.)
Disciplina	616.8/4
Soggetti	Cognition disorders Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Cognitive Plasticity in Neurologic Disorders; Copyright; Dedication; Contents; Foreword; Contributors; Part One Plasticity of Cognition in Neurologic Disorders; 1 Recovery, Compensation, and Reorganization in Neuropathology: Levels of Conceptual and Methodological Challenges; 2 Seizure-Induced Neuroplasticity and Cognitive Network Reorganization in Epilepsy; 3 Neuroplastic Mechanisms of Language Recovery After Stroke; 4 Cognitive Plasticity in Parkinson's Disease; 5 Neuroplasticity in Multiple Sclerosis; 6 Plasticity of Cognition in Brain Gliomas 7 Connectivity Modeling and Neuroplasticity After Traumatic Brain Injury 8 Aberrant Brain Plasticity in Autism Spectrum Disorders; 9 Cognitive Plasticity in Healthy Older Adults, Mild Cognitive Impairment, and Alzheimer's Disease: Contributory Factors and Treatment Responses; Part Two Plasticity of Cognition in Neurologic Syndromes; 10 Plasticity in Prefrontal Cortical Networks After Brain Injury: Finding the Optimal Paths; 11 Organic Amnesia: What Factors Determine How Much It Recovers Over Time?; 12 Aging-Related Changes in Neural Substrates of Motor and Cognitive Systems

Sommario/riassunto

13 Spatially Biased Decisions: Toward a Dynamic Interactive Model of Visual Neglect
14 Neuroplasticity in Apraxia Recovery; Part Three
Plasticity of Cognition and the New Emerging Technologies; 15 Clinical Brain-Machine Interfaces; 16 Assessment and Enhancement of Human Brain Plasticity Using Electromagnetic Stimulation; Index; Color-plates

Cognitive Plasticity in Neurologic Disorders describes and specifies the cognitive impact of neuroplastic processes in key neurologic disorders and syndromes. It is set apart from previous works in this area by its emphasis on the changing quality of neurocognition, demonstrating that this dynamic nature emerges from the neuroplastic processes at work in both mild and severe states of brain disease or injury. This resource describes the ways neurological illness or trauma (or attempts to treat patients with such conditions) can trigger neuroplastic mechanisms in the brain, inducing cognitive r
