1. Record Nr. UNISA996320716303316

Titolo	Methods of behavioral analysis in neuroscience / / edited by Jerry J. Buccafusco
Pubbl/distr/stampa	Boca Raton, : CRC Press, ©2009
ISBN	0-367-80262-7 1-4200-5235-7
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (xxi, 351 pages) : illustrations
Collana	Frontiers in neuroscience Methods of behavioral analysis in neuroscience
Altri autori (Persone)	BuccafuscoJerry J
Disciplina	616.8
Soggetti	Neurosciences - Diseases - Animal models Nervous system Animal behavior Behavior Behavioral Sciences Investigative Techniques Animal Population Groups Biological Science Disciplines Diagnostic Techniques and Procedures Animals Behavioral Disciplines and Activities Behavior and Behavior Mechanisms Natural Science Disciplines Eukaryota Psychology Neurosciences Animals, Laboratory Methods Behavior, Animal Medicine Health & Biological Sciences Neurology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Note generali	Revised edition of: Methods of behavior analysis in neuroscience / edited by Jerry J. Buccafusco. c2001.
Nota di contenuto	Transgenic mouse models of Alzheimer's disease : behavioral testing and considerations -- Cued and contextual fear conditioning for rodents -- Drug discrimination -- Conditioned place preference -- Anxiety-related behaviors in mice -- Behavioral assessment of antidepressant activity in rodents -- Assessing attention in rodents -- The behavioral assessment of sensorimotor processes in the mouse: acoustic startle, sensory gating, locomotor activity, rotarod, and beam walking -- Intravenous drug self-administration in nonhuman primates --Contextually induced drug seeking during protracted abstinence in rats -- Operant analysis of fronto-striaral function in rodents -- Working memory : delayed response tasks in monkeys -- Spatial navigation (water maze) tasks -- Water maze tasks in mice : special reference to Alzheimer's transgenic mice -- Behavioral neuroscience of zebrafish -- Caenorhabditiselegans model for initial screening and mechanistic evaluation of potential new drugs for aging and Alzheimer's disease -- The revival of scopolamine reversal for the assessment of cognition-enhancing drugs.

2.

Record Nr.	UNINA9911007456503321
Autore	Choobkar Sabrieh
Titolo	Digital Twin Technology for Smart Grid / / by Sabrieh Choobkar, Seyed Mohsen Hashemi
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-90099-5
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (79 pages)
Collana	Computational Modeling of Energy Systems, , 2570-1347
Altri autori (Persone)	Mohsen HashemiSeyed
Disciplina	321.319
Soggetti	Electric power distribution Power electronics Virtual reality Augmented reality Internet of things Artificial intelligence Cooperating objects (Computer systems) Energy Grids and Networks Power Electronics Virtual and Augmented Reality Internet of Things Artificial Intelligence Cyber-Physical Systems

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Digital Twin Overview -- Digital Twin in Industry -- Digital Twin Solutions for Smart Grid Applications -- Industrial Experience -- Conclusion.
Sommario/riassunto	The traditional power grid has been revolutionized in recent years, and its different domains are improving to form a new smart grid. To better understand smart electricity grid and recommend how its domains function best, a comprehensive look at the power system in parallel with digitalization revolution is required. Recent digital twin (DT) technology promises to enhance industries, including smart grids, and this book studies DT architecture and its applications and benefits. Coverage includes DT solutions for smart grid domains and subsystems and describes advantages of employing DT in the smart grid. The book' s concept is based on merging DT technology with smart grid applications. Its structure follows an understanding of DT concepts and applications in smart grid domains. Digital Twin Technology for Smart Power Grid will be a valuable reference for power industry practitioners, researchers, and students. It explains the new digital twin technology and how it can enhance the current electricity system toward a smarter power grid. Explains digital twin technology; Includes a view of digital twin pros and cons for industry; Explores and describes digital twin solutions for smart power grid applications.