

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Record Nr.           | UNINA9910451917403321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Titolo                  | Microcircuits [[electronic resource] ] : the interface between neurons and global brain function / / edited by S. Grillner and A.M. Graybiel ; program advisory committee, S. Grillner ... [et al.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Pubbl/distr/stampa      | Cambridge, Mass., : MIT Press in cooperation with Dahlem University Press, c2006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ISBN                    | 1-282-09692-3<br>9786612096921<br>0-262-27432-9<br>1-4294-1610-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Descrizione fisica      | 1 online resource (470 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Collana                 | Dahlem workshop reports ; ; 93                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Altri autori (Persone)  | GrillnerSten <1941-><br>GraybielA. M <1942-> (Ann M.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Disciplina              | 612.8/2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Soggetti                | Brain<br>Neurophysiology<br>Neural circuitry<br>Electronic books.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Note generali           | "Report of the 93rd Dahlem Workshop on Microcircuits: the interface between neurons and global brain function, Berlin, April 25-30, 2004"--P. [ii].                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Nota di bibliografia    | Includes bibliographical references and indexes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Nota di contenuto       | Contents; Dahlem Workshops; List of Participants; 1 - Introduction; 2 - Microcircuit of the Superior Colliculus; 3 - Locomotor Microcircuits; 4 - Neuromodulation of Microcircuits in Motor Systems with Special Reference to Invertebrates; 5- Group Report: Microcircuitsin the Motor System; 6 - Microcircuits in the Striatum; 7 - Microcircuits in the Striatum; 8 - Modulation of Striatal Circuits by Dopamine and Acetylcholine; 9 - Group Report: Microcircuits, Molecules, and Motivated Behavior; 10 - Olfactory Microcircuits; 11 - Neuronal Replacement in the Adult Olfactory Bulb Microcircuits<br>12 - Axonal Wiring through Odorant Receptors13 - Topography and Dynamics of the Olfactory System; 14 - Group Report: Olfactory Microcircuits; 15 - Anatomical and Molecular Heterogeneity of Cortical |

GAB Aergic Interneurons; 16 - UP States and Cortical Dynamics; 17 - Mechanisms of Neural Integration at the Brain-scale Level; 18 - Theory of the Computational Function of Microcircuit Dynamics; 19 - Group Report: Neocortical Microcircuits; Author Index; Name Index; Subject Index

Sommario/riassunto

Annotation