1.	Record Nr. Titolo Pubbl/distr/stampa	UNISA996320707003316 Biology of the NMDA receptor / / editor, Antonius M. VanDongen Boca Raton, Fla.: ,: Taylor & Francis, , 2008
	ISBN	0-429-14484-9 1-281-86313-0 9786611863135 1-4200-4415-X
	Descrizione fisica	1 online resource (368 p.)
	Collana	Frontiers in neuroscience
	Altri autori (Persone)	VanDongenAntonius M
	Disciplina	612.8
	Soggetti	Methyl aspartate - Receptors Brain - Research
	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	Front cover; Contents; Series Preface; Preface; About the Editor; Contributors; Chapter 1. NMDA Receptors and Brain Development; Chapter 2. NMDA Receptors and Huntington's Disease; Chapter 3. NMDA and Dopamine: Diverse Mechanisms Applied to Interacting Receptor Systems; Chapter 4. The NMDA Receptor and Alcohol Addiction; Chapter 5. Transcriptional Regulation of NMDA Receptor Expression; Chapter 6. NMDA Receptors and Translational Control; Chapter 7. Regulation of NMDA Receptors by Kinases and Phosphatases; Chapter 8. Trafficking and Targeting of NMDA Receptors Chapter 9. NMDA Receptor-Mediated Calcium Transient in Dendritic SpinesChapter 10. NMDA Receptors in Drosophila; Chapter 11. Extracellular Modulation of NMDA Receptors; Chapter 12. Pharmacology of NMDA Receptors; Chapter 13. Activation Mechanisms of the NMDA Receptor; Chapter 14. Presynaptic NMDA Receptors; Index; Back cover
	Sommario/riassunto	The NMDA receptor plays a critical role in the development of the central nervous system and in adult neuroplasticity, learning, and memory. Therefore, it is not surprising that this receptor has been widely studied. However, despite the importance of rhythms for the sustenance of life, this aspect of NMDAR function remains poorly

studied. Written by one of the world's leading authorities on NMDA receptors, ""Biology of the NMDA Receptor"" brings together virtually all the players in this important field.