

1. Record Nr.	UNINA9910918596703321
Autore	Mathew Bijo
Titolo	Enzymes in Neurodegenerative Disorders : Mechanism and Therapeutic Potentials / / edited by Bijo Mathew, Della Grace Thomas Parambi
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819768226 9789819768219
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (195 pages)
Altri autori (Persone)	ParambiDella Grace Thomas
Disciplina	612.8
Soggetti	Neurosciences Nervous system - Diseases Neurophysiology Neurons Enzymology Neuroscience Neurological Disorders Cellular Neuroscience
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Introduction of enzymes in neurodegenerative disorders -- Chapter 2. Role of enzymes in Alzheimer's disease -- Chapter 3. Role of enzymes in amyotrophic lateral sclerosis -- Chapter 4. Enzymes involved in multiple sclerosis -- Chapter 5. Role of enzymes in epilepsy -- Chapter 6. Role of enzymes in Huntington's disease -- Chapter 7. Role of enzymes in Parkinson's disease -- Chapter 8. Role of enzymes in Prion disease: Molecular mechanism -- Chapter 9. Modulation of several downstream cascades served by enzymes in the pathogenesis of stroke -- Chapter 10. Future directions and challenges in enzyme research for neurodegenerative diseases.
Sommario/riassunto	This book delves into the correlation between different enzymes and neurodegenerative disorders. It investigates the intricate processes that contribute to the decline of cognitive functions, memory impairment, and other incapacitating symptoms of Alzheimer's disease. The book examines the roles of diverse enzymes in Amyotrophic Lateral Sclerosis

and their effects on the motor neurons, leading to muscle weakness, paralysis, and eventual fatality. Moreover, it examines the association between depression and the enzymes responsible, providing a fresh viewpoint on the biochemical foundation of this ailment. Lastly, the book explores the connection between enzymes and Parkinson's disease, discussing the mechanisms that cause the death of dopamine-producing neurons and the related symptoms. By examining the functions of various enzymes in Parkinson's disease, the book presents a distinct outlook on the intricate interplay between enzymes and several neurological conditions, imparting readers with a comprehensive understanding of the fundamental mechanisms that underlie these disorders.

2. Record Nr.	UNINA9910971828903321
Autore	Albert David Z
Titolo	Quantum mechanics and experience / / David Z Albert
Pubbl/distr/stampa	Cambridge, MA, : Harvard University Press, 1992
ISBN	9780674020146 0674020146
Edizione	[1st ed.]
Descrizione fisica	1 online resource (x, 206 p.) : ill
Disciplina	530.12
Soggetti	Physical measurements Quantum theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Originally published: 1992.
Nota di bibliografia	Includes bibliographical references (p. 199-201) and index.
Nota di contenuto	Frontmatter -- Contents -- Preface -- 1. Superposition -- 2. The Mathematical Formalism and the Standard Way of Thinking about It -- 3. Nonlocality -- 4. The Measurement Problem -- 5. The Collapse of the Wave Function -- 6. The Dynamics by Itself -- 7. Bohm's Theory -- 8. Self-Measurement -- Appendix: The Kochen-Healy-Dieks Interpretations -- Bibliography -- Index
Sommario/riassunto	This account of the foundations of quantum mechanics is an introduction accessible to anyone with high school mathematics, and

provides a rigorous discussion of important recent advances in the understanding of quantum physics, including theories put forward by the author himself.
