1. Record Nr. UNINA9910705766803321

Autore	Zakany James S.
Titolo	Space station cathode ignition test status at 32,000 cycles / / James S. Zakany, Luis R. Pinero
Pubbl/distr/stampa	Cleveland, Ohio : , : National Aeronautics and Space Administration, Lewis Research Center, , November 1997
Descrizione fisica	1 online resource (8 pages) : illustrations
Collana	NASA/TM ; ; 97-206293
Soggetti	Hollow cathodes Ignition International Space Station Accelerated life tests Contactors
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"November 1997." "Prepared for the 25th International Electric Propulsion Conference sponsored by the Electric Rocket Propulsion Society, Cleveland, Ohio, August 24-28, 1997." "Performing organization: National Aeronautics and Space Administration, Lewis Research Center"--Report documentation page. "IEPC 97-167."
Nota di bibliografia	Includes bibliographical reference (page 4).

2. Record Nr. UNINA9910261140803321

Autore	Ashok N. Hegde
Titolo	Ubiquitin and the Brain: Roles of Proteolysis in the Normal and Abnormal Nervous System
Pubbl/distr/stampa	Frontiers Media SA, 2017
Descrizione fisica	1 online resource (241 p.)
Collana	Frontiers Research Topics
Soggetti	Neurosciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Proteolysis by the ubiquitin-proteasome pathway (UPP) in the nervous system has been extensively studied both in the context of normal physiological function as well as abnormal pathological conditions. Although ubiquitin was used as a marker of brain pathology, the normal functions of the UPP were not studied much in the nervous system until the 1990s. The early investigations focused on synaptic plasticity which was followed by studies on the roles of protein degradation in the development of the nervous system. Research on the role of abnormal roles of the UPP follows a parallel trajectory. Since the 2000s, the field has grown to encompass many subareas of research and several model systems. Despite the progress made, many unanswered questions still remain. For example, there are many unknowns about the precise spatial and temporal control of protein degradation in the normal nervous system. With respect to the roles of proteolysis in brain pathology a major challenge is to elucidate the connection between impaired protein degradation and disease progression. In addition, in-depth studies of the roles of ubiquitin-proteasome-mediated proteolysis in neurodegenerative diseases are promising in identifying therapeutic targets. This ebook contains original research papers and insightful reviews that cover several aspects of proteolysis by the UPP and its physiological as well as pathological functions in the nervous system.