1. Record Nr. UNINA9910709658703321

Autore	Tenney John B.
Titolo	Development and marketing of a prosthetic urinary control valve system : final report / John B. Tenney [and three others]
Pubbl/distr/stampa	Marshall Space Flight Center, Alabama : , : George C. Marshall Space Flight Center, , [1983?]
Descrizione fisica	1 online resource (various pagings) : illustrations
Collana	NASA/CR ; ; 170994
Soggetti	Prosthetic devices Marketing Pressure effects Implantation Prototypes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Period of performance: January 1978-December 1983."
Nota di bibliografia	Includes bibliographical references (pages 21-1-21-7).

2. Record Nr. UNINA9910566465703321

Autore	Yan Liang-Jun
Titolo	Redox Imbalance and Mitochondrial Abnormalities in Kidney Disease
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
Descrizione fisica	1 online resource (200 p.)
Soggetti	Medicine and Nursing Pharmacology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The kidney performs important functions in the human body and can inflict either acute kidney injury (AKI) or chronic kidney disease (CKD). AKI can be induced by kidney ischemia, drugs such as cisplatin, and heavy metals such as cadmium and arsenic. CKD can be induced by drugs, heavy metals, hypertension, and diabetes, as well as cancer. Importantly, nearly all kidney disorders have been shown to involve redox imbalance, reductive stress, oxidative stress, and mitochondrial abnormalities such as impaired mitochondrial homeostasis, including disrupted mitophagy and deranged mitochondrial unfolded protein responses. Understanding how these redox-related dysregulated pathways operate may give us new insights into how to design novel approaches to fighting kidney disease. This Special Issue of Biomolecules entitled "Redox imbalance and mitochondrial abnormalities in kidney disease" covers a variety of topics focusing on oxidative stress, mitochondrial dysfunction, and antioxidation enhancement implicated in kidney disease or kidney transplantation.