1. Record Nr. UNINA9910702481603321

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| Titolo | Financial stability : new Council and Research Office should strengthen the accountability and transparency of their decisions : report to congressional requesters |
| Pubbl/distr/stampa | [Washington, D.C.] : , : United States Government Accountability Office, , 2012 |
| Descrizione fisica | 1 online resource (ii, 67 pages) : color illustrations |
| Soggetti | Economic stabilization - Government policy - United States<br>Transparency in government - United States |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Title from title screen (viewed Dec. 26, 2012).<br>"September 2012."<br>"GAO-12-886." |
| Nota di bibliografia | Includes bibliographical references. |

2. Record Nr. UNINA9910346685103321

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| Autore | Cinelli Patrizia |
| Titolo | Synthesis and Applications of Biopolymer Composites / Patrizia Cinelli, Ana Díez-Pascual |
| Pubbl/distr/stampa | MDPI - Multidisciplinary Digital Publishing Institute, 2019<br>Basel, Switzerland : , : MDPI, , 2019 |
| ISBN | 9783039211333<br>3039211331 |
| Descrizione fisica | 1 electronic resource (312 pages) |
| Soggetti | Technology: general issues |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Sommario/riassunto | This book, as a collection of 17 research articles, provides a selection of the most recent advances in the synthesis, characterization, and applications of environmentally friendly and biodegradable biopolymer composites and nanocomposites. Recently, the demand has been growing for a clean and pollution-free environment and an evident target regarding the minimization of fossil fuel usage. Therefore, much attention has been focused on research to replace petroleum-based commodity plastics by biodegradable materials arising from biological and renewable resources. Biopolymers-polymers produced from natural sources either chemically from a biological material or biosynthesized by living organisms-are suitable alternatives for addressing these issues due to their outstanding properties, including good barrier performance, biodegradation ability, and low weight. However, they generally possess poor mechanical properties, a short fatigue life, low chemical resistance, poor long-term durability, and limited processing capability. In order to overcome these deficiencies, biopolymers can be reinforced with fillers or nanofillers (with at least one of their dimensions in the nanometer range). Bionanocomposites are advantageous for a wide range of applications, such as in medicine, pharmaceutics, cosmetics, food packaging, agriculture, forestry, |

electronics, transport, construction, and many more.