1. Record Nr. UNINA9910557607303321

Autore	Kant Bhatia Shashi
Titolo	Wastewater Based Microbial Biorefinery for Bioenergy Production
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (216 p.)
Soggetti	Environmental science, engineering & technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	A rapid growth in various industries and domestic activities is resulting in a huge amount of wastewater. Various types of wastewaters, such as textile, municipal, dairy, pharmaceutical, swine, and aquaculture, etc., are produced regularly by respective industries. These wastewaters are rich in nutrient content and promote eutrophication in the ecosystem and pose a threat to flora and fauna. According to an estimate, eutrophication causes losses of almost 2 billion US dollars annually, affecting real estate and fishing activities. Treatment of wastewater is a costly process and recently wastewater treatment with simultaneous energy production has received more attention. Microorganisms can be used to recover nutrients from wastewater and produce bioenergy (biodiesel, biohydrogen, bioelectricity, methane, etc.). A better understanding of the composition of various types of wastewaters and the development of technologies like anaerobic digestion (AD), microbial fuel cell (MFC), and microbial electrolysis cell (MEC) can help to make wastewater-based biorefinery a reality. To provide an overall overview to students, teachers, and researchers on wastewater to bioenergy technology ten chapters are included in this book.

2. Record Nr. UNINA9910674046603321

Autore	D'Errico Stefano
Titolo	Molecules from Side Reactions
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (100 p.)
Soggetti	History of engineering and technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The Special Issue "Molecules from Side Reactions" is a collection of papers reporting on the synthesis and characterization of the molecules that come from unexpected synthetic routes. This is the first example of a Special Issue based on such a topic, notwithstanding that all synthetic chemists have isolated a side product during a chemical reaction. Instead of continuing to store the side products in the freezer, I have thought to give them the dignity of publication, making them available to the scientific community. The short manuscripts collected here respect the principle of "one compound per paper" and have the purpose of preserving the molecular diversity deriving from a chemical reaction. The molecular scaffolds are unexpected and intriguing, and could be useful starting points or intermediates for exploring novel reactions.

3.

Record Nr.	UNIORUON00012221
Autore	KLIDSA
Titolo	Le Stagioni = Rtusamhara / di Kalidasa ; trad. di U. Norsa
Pubbl/distr/stampa	Lanciano, : G. Carabba, 1930
Titolo uniforme	Rtusamhara / Kalidasa
Descrizione fisica	96 p. ; 18 cm
Classificazione	SI VI AB
Soggetti	Letteratura sanscrita - Kalidasa TEATRO SANSCRITO - TESTI
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia