

1. Record Nr.	UNINA9910520058203321
Titolo	Proceedings of the 6th International Conference on Fundamental and Applied Sciences : ICFAS 2020 // edited by Samsul Ariffin Abdul Karim, Mohd Fadhlullah Abd Shukur, Chong Fai Kait, Hassan Soleimani, Hamzah Sakidin
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2021
ISBN	981-16-4513-2
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (775 pages)
Collana	Springer Proceedings in Complexity, , 2213-8692
Disciplina	530
Soggetti	System theory Green chemistry Numerical analysis Nanoelectromechanical systems Complex Systems Green Chemistry Numerical Analysis Nanoscale Devices
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	PART I : Sustainable Chemistry -- Chapter 1 - Acoustic Performance of Mixing EFB and OPF Low-Density Fibreboards in Different Thickness -- Chapter 2 - Modified Alginate Adsorbent Using Ionic Liquid for Manganese Removal from Aqueous Solution -- Chapter 3 - Synthesis and Modification of Pour Point Depressant (PPD) Based on Copolymers of -Olefins and Maleic Anhydride for Waxy Crude Oil -- Chapter 4 - Effects of NPK Fertilizers on the Growth, Yield and Chemical Content of Tomato (<i>Lycopersicon esculentum</i> L. Mill) -- Chapter 5 - Production of Greener Biodiesel from a Low Cost CaO Catalysts of Waste Freshwater Shells -- Chapter 6 - CO ₂ Hydrogenation to Methanol: Effects of Reaction Temperatures and Pellet Crushing on the Catalytic Performance -- Chapter 7 - Catalytic Conversion of CO ₂ into Alcohols: Comparison of Supports Raman Spectroscopy of TiO ₂ Nanoparticles Synthesized by Hydrolysis of TiCl ₄ : Effect of Sulfate Ions Concentration

-- Chapter 8 - Presence of Exo-Microbes in Coconut Endosperm Waste in Enhancing Black Soldier Fly Larval Palatability. .

Sommario/riassunto

This book highlights latest advancement in Mathematics, Physics and Chemistry. With the theme of "Innovative Science towards Sustainability and Industrial Revolution 4.0", ICFAS 2020 brings together leading experts, scientific communities and industrialists working in the field of applied sciences and mathematics from all over the world to share the most recent developments and cutting-edge discoveries addressing sustainability and industrial revolution 4.0 in the field. The conference topics include green materials, molecular modelling, catalysis, nanodevices and nanosystems, smart materials applications, solar cells technology, computational mathematics, data analysis and visualization, and numerical analysis. The contents of this book are useful for researchers, students, and industrial practitioners in the areas of Mathematics, Physics and Chemistry as most of the topics are in line with IR 4.0.
