1. Record Nr. UNINA9911007177003321 Autore Shidiq Ari Syahidul Titolo International Conference on Chemistry and Chemistry Education Pubbl/distr/stampa Zurich:,: Trans Tech Publications, Limited,, 2023 ©2023 **ISBN** 9783036410449 3036410449 Edizione [1st ed.] Descrizione fisica 1 online resource (227 pages) Altri autori (Persone) IndriyantiNurma Yunita Disciplina 540 Soggetti Chemistry Land treatment of wastewater Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Nota di contenuto Intro -- International Conference on Chemistry and Chemistry Education -- Preface -- Table of Contents -- Chapter 1: Wastewater Treatment Techniques for Dyes Removal -- Profile of the Adsorption Ability of Sulfonate-Modified Lignocellulose Based on Bagasse Waste to Some Batik Textile Dyes -- The Effectiveness of Arenga Pinnata Fiber Carbon Modified with Iron Oxide as an Adsorbent for Various Cationic Dyes -- Bentonite Impregnation Ammonium-Assisted as Eco-Friendly Dve Adsorbent: Analyses of Kinetics and Thermodynamics in Cationic Dve Adsorption -- Coconut Shell Charcoal Combination with Teakwood Sawdust (CSC-TS): An Effective Low-Cost Adsorbent for the Removal Cr (VI) Ion on Industrial Waste -- Chapter 2: Food Chemistry --Antibacterial Activity Edible Coating of Jackfruit Seed Starch and Alginate Incorporated with ZnO Nanoparticles Applied to Cherry Tomatoes -- Physicochemical and Characterization Nano-Calcium Catfish Bone Flour (Clarias gariepinus) -- Anthocyanins from Java Plum Fruits (Syzygium cumini) and Their Stability in Various pHs --Application of Microbial Fuel Cell (MFC) for Bioremediation of Ammonia -- Chapter 3: Materials for Biomedical Applications -- Electrosprayed

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Selected peer-reviewed extended articles based on abstracts presented at the 1st International Conference on Chemistry and Chemistry Education (IC3E) Aggregated Book.