

Contents

1	Introduction	1
	Fatimatul Zaharah Abas, Seri Elyanie Zulkifli, Raja Safazliana Raja Sulong, and Zainul Akmar Zakaria	
2	Pyrolysis Products from Residues of Palm Oil Industry	7
	Melisa Bertero, Juan Rafael García, Marisa Falco, Ulises Sedran, Khoirun Nisa Mahmud, Suzami Junaidah Ariffin, Ani Idris, and Zainul Akmar Zakaria	
3	Application of Novel Biochars from Maize Straw Mixed with Fermentation Wastewater for Soil Health	25
	Yuan Zhou, Yajun Tian, Liqiu Zhang, Yongze Liu, and Li Feng	
4	Utilization of Oil Palm Fiber and Palm Kernel Shell in Various Applications	45
	Maizatulkamal Yahayu, Fatimatul Zaharah Abas, Seri Elyanie Zulkifli, and Farid Nasir Ani	
5	Optimization of Ferulic Acid Production from Oil Palm Fronde Bagasse	57
	Zulsyazwan Ahmad Khushairi, Hafizuddin Wan Yussof, and Norazwina Zainol	
6	Killer Yeast, a Novel Biological Control of Soilborne Diseases for Good Agriculture Practice	71
	Azzam Aladdin, Julián Rafael Dib, Roslinda Abd. Malek, and Hesham A. El Enshasy	
7	Killer Yeasts as Biocontrol Agents of Postharvest Fungal Diseases in Lemons	87
	María Florencia Perez, Ana Sofia Isas, Azzam Aladdin, Hesham A. El Enshasy, and Julián Rafael Dib	

8	Disease-Suppressive Effect of Compost Tea Against Phytopathogens in Sustaining Herbal Plant Productivity.	99
	Abd. Rahman Jabir Mohd. Din, Siti Zulaiha Hanapi, Siti Hajar Mat Sarip, and Mohamad Roji Sarmidi	
9	Enzymatic Hydrolysis of Used Cooking Oil Using Immobilized Lipase.	119
	Nor Athirah Zaharudin, Roslina Rashid, Lianash Azman, Siti Marsilawati Mohamed Esivan, Ani Idris, and Norasikin Othman	
10	Potential of Kaffir Lime (<i>Citrus hystrix</i>) Peel Essential Oil as a Cockroach Repellent.	131
	Sharifah Sopliah Syed Abdullah and Muhammad Khairul Ilmi Othman	
11	Pineapple Waste Utilization as a Sustainable Means of Waste Management	143
	Zainab Rabi'u, Fatima U. Maigari, Umma Lawan, and Zulaihatu Gidado Mukhtar	