Record Nr.	UNINA9910767544703321
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Titolo	Advances in Water and Wastewater Treatment Technology / / by Muhammad Suleman Tahir, Muhammad Sagir, Muhammad Bilal Tahir
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	9789819911875 9789819911868
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (130 pages)
Collana	Water Resources Development and Management, , 2198-316X
Disciplina	628.168
Soggetti	Green chemistry
	Water
	Hydrology Nanobiotechnology
	Environmental education
	Green Chemistry
	Environmental and Sustainability Education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contamination: Nature and Origin of Wastewater Environmental Effects of Wastewater Wastewater Treatment Methods Power of Corona Discharge and Its Application In Water Treatment Wastewater Generation and Photo Bioreactors Photocatalysis-Green Approach for Removal of Contaminations from Wastewater Recycling of Industrial Wastewater.
Sommario/riassunto	This book highlights the several pollutants and their derivatives that exist in water and wastewater, such as pharmaceuticals, antibiotics, personal care products, heavy metals, pesticides, dyes etc., as a result of rapid urbanization and industrialization. Several part pollution is caused by nutrients, organics, and contaminants with low concentration but is highly toxic to human and aquatic environment. This book provides a holistic approach in terms of measurement, monitoring, and

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are modified or coupled with nanomaterials and/or newly developed products for improving the performance of the current treatment processes. In addition, the membrane processes include recent research on the removal of challenging chemicals by various membrane bioreactors and reverse osmosis processes.