

1. Record Nr.	UNINA9910583018803321
Titolo	Waste electrical and electronic equipment recycling : aqueous recovery methods // edited by Francesco Veglio, Ionela Birloaga
Pubbl/distr/stampa	Duxford, England : , : Woodhead Publishing, , [2018] ©2018
ISBN	0-08-102058-9 0-08-102057-0
Descrizione fisica	1 online resource (428 pages)
Collana	Woodhead Publishing Series in Electronic and Optical Materials
Disciplina	363.7288
Soggetti	Electronic waste - Recycling
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	Water Electrical and Electronic Equipment Recycling: Aqueous Recovery Methods provides data regarding the implementation of aqueous methods of processing of WEEEs at the industrial level. Chapters explore points-of-view of worldwide researchers and research project managers with respect to new research developments and how to improve processing technologies. The text is divided into two parts, with the first section addressing the new research regarding the hydrometallurgical procedures adopted from minerals processing technologies. Other sections cover green chemistry, bio-metallurgy applications for WEEE treatment and the current developed aqueous methods at industrial scale. A conclusion summarizes existing research with suggestions for future actions.