

1. Record Nr.	UNINA9910337931603321
Autore	Marcus Yizhak
Titolo	Deep Eutectic Solvents / / by Yizhak Marcus
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-00608-5
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (205 pages)
Disciplina	541.3482
Soggetti	Chemistry, Physical and theoretical Green chemistry Chemical engineering Chemistry, Organic Physical Chemistry Green Chemistry Industrial Chemistry/Chemical Engineering Organic Chemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- The Variety of Deep Eutectic Solvents -- Properties of deep eutectic solvents -- Applications of deep eutectic solvents -- Deep Eutectic Solvents in Extraction and Sorption Technology -- Trends and Prospects for Deep Eutectic Solvents.
Sommario/riassunto	This is one of the first books fully dedicated to the rapidly advancing and expanding research area of deep eutectic solvents. Written by the internationally recognized expert in solution chemistry, it supplies full information regarding preparation of these new eco-friendly solvents, their properties and applications. The current and potential applications of deep eutectic solvents as organic reaction media, catalytic system, in biomass processing, nanotechnology and metal finishing industry, as well as for extraction and separation are extensively discussed. This highly informative and carefully presented book will appeal to practicing chemists (organic chemists, polymer chemists, biochemists) as well as chemical engineers and environmental scientists.

