

1. Record Nr.	UNINA9910271057103321
Titolo	Bimetallic nanostructures : shape-controlled synthesis for catalysis, plasmonics, and sensing applications / / edited by Ya-Wen Zhang
Pubbl/distr/stampa	Hoboken, NJ : , : John Wiley & Sons, , 2018
ISBN	1-119-21462-9 1-119-21463-7 1-119-21461-0
Descrizione fisica	1 online resource (524 pages)
Disciplina	541/395
Soggetti	Metal catalysts Nanostructured materials Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction of bimetallic nanostructures -- Theoretical models for bimetallic surfaces and nanoalloys -- In situ characterization techniques of bimetallics -- Bimetallic nanopolyhedrons and nanospheres -- Bimetallic convex and concave nanostructures -- Bimetallic nanoframes and nanoporous structures -- Bimetallic dendritic nanostructures -- Bimetallic ultrathin nanowires -- Bimetallic nanoplates and nanosheets -- Electrocatalysis -- Heterogeneous catalysis -- Plasmonics -- Sensing.