

1. Record Nr.	UNINA9910461655803321
Autore	Yu Lixin <1972->
Titolo	Development of luminescence properties of Eu3+-doped nanosized materials [[electronic resource] /] / Lixin Yu
Pubbl/distr/stampa	Hauppauge, N.Y., : Nova Science Publishers, c2011
ISBN	1-61761-029-1
Descrizione fisica	1 online resource (66 p.)
Collana	Nanotechnology science and technology
Disciplina	620.1/1295
Soggetti	Phosphors Nanocrystals - Materials Europium - Optical properties Luminescence Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Light-induced changes of CT band of Eu3+ doped nanocrystals -- Site symmetry of Eu3+ doped nanocrystals -- The dynamic processes of Eu3+ doped nanocrystals -- Thermal quenching preoperties of Eu3+ doped nanocrystals -- The UCL of Eu3+ in oxide nanocrystal -- Spectral hole burning -- Core-shell nanopcomposites doped with Eu3+ -- The luminescence of Eu2+ in nanocrystals.