

Frequency conversion in lanthanide-doped sol-gel derived materials for energy applications

Almeida, Rui M.; Sousa, N.; **Rojas Hernandez, Rocio Estefania**; Santos, Luis F. Journal of Sol-Gel science and technology 2020 / p. 520-529 : ill <https://doi.org/10.1007/s10971-020-05289-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

One-dimensional multilayer photonic crystals

Almeida, Rui M.; **Rojas Hernandez, Rocio Estefania**; Santos, Luis F. Sol-gel derived optical and photonic materials 2021 / p. 75-94 : ill <https://doi.org/10.1016/B978-0-12-818019-8.00004-1>