



Light confinement in a waveguide like structure

BENEFITS

- ▶ Lowest energy for the successful writing of waveguide like structures in a ceramic material
- ▶ Low temperature process
- ▶ Chemical stability
- ▶ Efficient fabrication.

APPLICATIONS

- ▶
Optical materials
- ▶
Biomedical implants

RELATED MATERIALS

- ▶ [Waveguide-like structures written in transparent polycrystalline ceramics with an ultra-low fluence femtosecond laser](#)