

- ▶ Low cost - as the silica nanotubular templates can be obtained in large quantities at low cost.
- ▶ The unique seeding process affords high yield.
- ▶ The growth solutions are highly stable.
- ▶ Well controlled aspect ratios for the developed metal nanorods.

SUGGESTED USES

- ▶ Opto-electronic devices
- ▶ Biological and Chemical sensing
- ▶ Cellular imaging
- ▶ Therapeutics

RELATED MATERIALS

- ▶ [Templated Synthesis of Metal Nanorods in Silica Nanotubes](#)

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