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Title: Hierarchical micro/nanostructures generated by femtosecond laser beams modified through a liquid-crystal spatial light modulator

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1. The hierarchical micro/nanostructures inside various shapes can be created using a femtosecond laser machining system with a liquid-crystal spatial light modulator.
2. Hierarchical micro/nanostructures are composed of micro-sized valley structures of 30  $\mu\text{m}$  spacing and nanostructures with a periodicity of approximately 400 nm.
3. The orientation of the inner valley structures in the produced hierarchical micro/nanostructures can be selected by changing the azimuth of the pattern beams in the focal plane.

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