

GS06 Laser machining

GS06-01 Laser machining of optical elements
Niklas Sass, Thomas Liebrich, Markus Stenzel,
Rodolphe Catrin, Kabil Ramadani, David Bischof, Sven
Lämmler and Oliver Fähnle
RhySearch

GS06-02 Investigation on the diamond cutting of
Inconel 718 using negative rake angle tools
Yuhan Li, Wai Sze Yip and Suet To
The Hong Kong Polytechnic University

GS06-04 Laser-guided Anisotropic Etching for Precision
Machining of Micro-engineered Glass Components
Jun Li and Shaolin Xu
Southern University of Science and Technology

GS06-05 Investigation of a laser focus detecting system
for laser machining
Chong Chen, Ziran Chen, Xiaokang Liu and Wei Gao
Chongqing University of Technology

GS06-06 Micromachining of carbon fiber reinforced
plastics by femtosecond pulsed laser
Yuhei Konishi and Jiwang Yan
Keio University

GS06-07 Fused silica cylindrical microlens array
fabricated by multi-focus laser with CO2 laser polishing
Zongyao Li, Peilin Huang, Kang Xu and Shaolin Xu
southern university of science and technology

GS06-08 Freeform 3D glass microstructures sculptured
with dynamic multi-focus laser
Li Yao and Shaolin Xu
Southern University of Science and Technology

GS06-09 All-glass nanohole metalens by Non-diffracting
Direct Laser Writing
Kang Xu, Mandong Zheng, Lingyu Huang and Shaolin
Xu

GS06-10 Iterative design of patterned laser spot for
customized micro-grooving
Pei Qiu and Shaolin Xu
Southern university of science and technology