

Title	18 μJ multi-pass OPCPA system at 100 kHz pumped by a CPA-free Nd:YVO4 amplifier
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Abstract	We present a compact, multi-pass OPCPA system delivering 8.7 fs with a pulse energy of 18 μ J at 100 kHz repetition rate pumped by a frequency doubled CPA-free picosecond Nd:YVO4 solid-state amplifier.
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