

激光与光电子学进展

Laser & Optoelectronics Progress

[总第750期]

第 60 卷
第 19 期

2023.10 (上)



微滴增材制造

DOI: 10.3788/LOP223006

ISSN 1006-4125



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中国科学院上海光学精密机械研究所 主办

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第 60 卷 第 19 期 2023 年 10 月 10 日

(总第 750 期)

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封面解读

封面展示了激光驱动微滴制备芯片的加工方式及工作原理。利用脉冲激光对附着在载体玻璃上的金属薄膜进行加工,使得金属薄膜局部熔化产生金属射流,射流断裂形成单个微滴飞向载体作为打印单元,通过精准控制微滴沉积位置,可以实现微结构的分模块打印。激光驱动微滴增材制造工艺具有分辨率高、工艺柔性等优点,可以广泛应用于微电路打印领域。

Laser & Optoelectronics Progress

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