Resume of Jian Cheng

Basic Information

School :	School of Mechanical Engineering
Gender：	Male
Date of Birth：	197509
Title：	Associate Professor
Education：	Ph.D of Engineering
Tutor：	Master degree
Email：	chengjian@hbut.edu.cn
Interest of research:	Laser material interaction, ultrafast laser fabrication

Academic Background

From September 1993 to July 1997, Qilu University of Technology, Bachelor's degree in Mechanical Engineering;
From September 2001 to July 2004, Shandong University, Master's degree of Mechanical Engineering;
From October 2006 to July 2010, Liverpool University, Ph.D of Laser Engineering.

Postdoctoral Research

2011/06-2015/04, Northeast University, China;

Enrollment Information

1. Enrollment Discipline: Mechanical Engineering
2. Research direction: Laser Green Manufacturing Technology and Equipment
3. Enrollment Year: 2023-2024

Representative Articles

Jian Cheng, Sheng Jiang, Feng Xie, Lie Chen, Qibiao Yang, Deyuan Lou, Zhongsheng Zhai, Fengping Li, Dun Liu, Reduction of graphene oxide on polyethylene terephthalate surface by using transmission femtosecond laser, Applied Surface Science, Volume 623, 2023, 157017, ISSN 0169-4332, https://doi.org/10.1016/j.apsusc.2023.157017.

Jian Cheng, Zhen Yang, Sheng Jiang, Fengping Li, Dun Liu, Hybrid laser processes for thick silver coating fabrication on AlN substrate, Ceramics International, Volume 49, Issue 8, 2023, 11875-11884, ISSN 0272-8842, https://doi.org/10.1016/j.ceramint.2022.12.035.

Jian Cheng, Zhiwei Zhang, Luo Zhang, Feng Xie, Songtao Liu, Qianliang Li, Fengping Li, Zhongsheng Zhai, Dun Liu, Flexible tuned, multi-focus laser stealth dicing of JGS3 quartz glass: From algorithm to practice, Optics & Laser Technology, Volume 170, 2024, 110164, ISSN 0030-3992, https://doi.org/10.1016/j.optlastec.2023.110164.

Jian Cheng, Jiali Cao, Yi Huang, Stuart Edwardson, Walter Perrie, Geoff Dearden, Dun Liu, Metal ablation study with a 10 ps laser under low and median fluence, Optics & Laser Technology, Volume 121, 2020, 105792, ISSN 0030-3992, https://doi.org/10.1016/j.optlastec.2019.105792.

J Cheng, Jing S , Lou D , et al. Nanosecond Laser Etching of Aluminum-Plated Composite Materials Applied to Frequency Selective Surfaces. Materials, **13(12)** 2020 2808.