<table>
<tr><td>姓　　名</td><td>高世明</td><td>性　　别</td><td>男</td><td>出生年月</td><td>1984.04</td><td rowspan="3">  </td></tr>
<tr><td>政治面貌</td><td>中共党员</td><td>学历学位</td><td>博士</td><td>职　　称</td><td>讲师</td></tr>
<tr><td>毕业院校和专业</td><td colspan="5">2003.09~2007.06 浙江大学机械工程及其自动化专业　本科
2017.08~2021.07 香港中文大学 机械工程与自动化　博士</td></tr>
<tr><td>研究方向和主讲课程</td><td colspan="6">研究方向：主动式的镍钛记忆合金增材制造；金属喷粉系统的研发；熔覆过程的仿真研究；TPMS 多孔结构热交换器的设计研究。
主讲课程：机电综合技术与应用</td></tr>
<tr><td>主要荣誉和研究成果等</td><td colspan="6">期刊论文
1. Gao,S., Bodunde, O.P., Qin, M., Liao, W., Guo, P., "Microstructure and phase transformation of nickel-titanium shape memory alloy fabricated by directed energy deposition with in-situ heat treatment ", Journal of Alloys and Compounds (SCI,中科院2区top, JCR 1区，2022年IF 6.371). DOI:10.1016 /j.jallcom.2021.162896.
2. Gao, S., Weng, F., Bodunde, O.P., Qin, M., Liao, W., Guo, P., "Spatial characteristics of nickel-titanium shape memory alloy fabricated by continuous directed energy deposition", Journal of Manufacturing Processes 71 (2021) 417-428 (SCI，中科院2区，JCR 2 区，2022年IF 5.684). DOI:10.1016/j.jmapro.2021.09.039.
3. Gao, S., Feng, Y., Wang, J., Qin, M., Bodunde, O.P., Liao, W.H, Guo, P., "Molten pool characteristics of a nickel-titanium shape memory alloy for directed energy deposition," Optics & Laser Technology 142(107215 (2021) (SCI，中科院2区，JCR 2 区，2022年IF 4.939). DOI:10.1016/j.optlastec.2021.107215.
4. Gao, S., O.P. Bodunde, M. Qin, W.-H. Liao, P. Guo, Effects of ultrasonic vibration on microstructures and thermal properties of nickel-titanium shape memory alloy fabricated by directed energy deposition, Manufacturing Letters (2022) (EI).
5. M. Qin, S. Gao, C.C. Wang, W.-H. Liao, ‘’ Multi-axis direct metal deposition process with effective regrouping strategy‘’, Journal of Manufacturing Processes 81 (2022) 707-716. (SCI，中科院2区，JCR 2 区，2022年IF 5.684).
6. Weng, F., Gao, S., Jiang, J., Wang, J., Guo, P., "A novel strategy to fabricate thin 316L stainless steel rods by continuous directed energy deposition in Z direction," Additive Manufacturing 27(474-481 (2019) (SCI，中科院1区top，JCR 1区，2022年IF 11.632). DOI: 10.1016/j.addma.2019.03.024.
7. Yang, Y., Gao, S., Chen, K., Pan, Y., Guo, P., "Vibration analysis and development of an ultrasonic elliptical vibration tool based on a portal frame structure," Precision Engineering 50(421-432 (2017) (SCI，中科院3区，JCR 3区，2022年IF 3.315). DOI: 10.1016/j.precisioneng.2017.06.016
8. Chen, K., Gao, S., Pan, Y., Guo, P., "Self-running and self-floating two-dimensional actuator using near-field acoustic levitation," Appl. Phys. Lett. 109(12), 123503 (2016) (SCI，中科院2区top，JCR 2 区，2022年IF 3.791). DOI: 10.1063/1.4963318</td></tr>
</table>

主要荣誉和研究成果等	会议论文 1. **Gao, S.**, Bodunde, P., Qin, M., Liao, W., Guo, P., Slender structure of nickel-titanium shape memory alloy fabricated by continuous directed energy deposition. 2021. DOI:10.1117/12.2583410. 2. **Gao, S.**, Liao, W. H., Guo, P., "Development of a multi-directional metal 3D printing system based on direct metal deposition," Proc. MSEC 2930, (2019). DOI: 10.1115/MSEC2019-2930 3. **Gao, S.**, Guo, P., "Modeling and tool trajectory monitoring of an ultrasonic elliptical vibration tool," Proc. ISFA (2018). DOI: 10.11509/isfa.2018.57 所获奖项 ● 德国红点奖：概念设计奖 2022