



# Journal of Production Engineering

<https://jpe.ftn.uns.ac.rs/index.php/jpe>  
ISSN: 1821-4932 (print), ISSN: 2956-2252 (online)



## Contents

### ORIGINAL SCIENTIFIC PAPER

**Kramar, D., Sekulić, M., Rodić, D., Pejić, V.**

Optimizing main cutting force in high-pressure jet-assisted turning using Taguchi method ..... 1

**Raji, N.A., Kuku, R.O., Openibo, A.O., Owolabi, E.A.**

Influence of compression ratio on the performance characteristics of a spark ignition engine ..... 5

**Vasiljević, S., Rajković, D., Đorđević, M., Kostić, S., Stanojević, M.**

Application of innovative mechatronic systems in product design, development and production..... 13

**Sztankovics, I.**

Cylinder accuracy analysis of tangential turning of disk-like workpieces with increased cutting speed..... 22

**Kebede, F.T., Felho, C.**

Examining the impact of slide burnishing parameters on the 3D surface features of medium carbon steel..... 30

**Instruction for authors**..... 36