

# Zeyuan Yang

## List of Publications by Year in descending order

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7  
papers

436  
citations

1307543

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1720014

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

178  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Prediction and analysis of material removal characteristics for robotic belt grinding based on single spherical abrasive grain model. <i>International Journal of Mechanical Sciences</i> , 2021, 190, 106005.   | 6.7 | 45        |
| 2 | Analysis and prediction of surface roughness for robotic belt grinding of complex blade considering coexistence of elastic deformation and varying curvature. <i>Science China Technological Sciences</i> , 2021, 64, 957-970.                           | 4.0 | 9         |
| 3 | Robotic grinding of complex components: A step towards efficient and intelligent machining “ challenges, solutions, and applications. <i>Robotics and Computer-Integrated Manufacturing</i> , 2020, 65, 101908.  | 9.9 | 216       |
| 4 | An improved chip-thickness model for surface roughness prediction in robotic belt grinding considering the elastic state at contact wheel-workpiece interface. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 104, 3209-3217. | 3.0 | 28        |
| 5 | On energetic evaluation of robotic belt grinding mechanisms based on single spherical abrasive grain model. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 104, 4539-4548.  | 3.0 | 14        |
| 6 | An improved robotic abrasive belt grinding force model considering the effects of cut-in and cut-off. <i>Journal of Manufacturing Processes</i> , 2019, 37, 496-508.   | 5.9 | 49        |
| 7 | Analysis and assessment of robotic belt grinding mechanisms by force modeling and force control experiments. <i>Tribology International</i> , 2018, 120, 93-98.  | 5.9 | 75        |