

# Chenggang Fang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5262385/publications.pdf>

Version: 2024-02-01

9  
papers

74  
citations

1684188  
5  
h-index

1588992  
8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

68  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Research on the cutting mechanism of cylindrical gear power skiving. International Journal of Advanced Manufacturing Technology, 2015, 79, 541-550.  | 3.0 | 31        |
| 2 | Analysis and Compensation for Gear Accuracy with Setting Error in Form Grinding. Advances in Mechanical Engineering, 2015, 7, 309148.  | 1.6 | 7         |
| 3 | An improved MRT-LBM for Herschel-Bulkley fluids with high Reynolds number. Numerical Heat Transfer, Part B: Fundamentals, 2017, 72, 409-420.   | 0.9 | 7         |
| 4 | Prediction of residual stresses generated by machining Ti6Al4V alloy based on the combination of the ALE approach and indentation model. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.                                     | 1.6 | 7         |
| 5 | A comprehensive analysis of factors affecting the accuracy of the precision hydrostatic spindle with mid-thrust bearing layout. International Journal of Advanced Manufacturing Technology, 2021, 114, 949-967.  | 3.0 | 7         |
| 6 | Research on surface residual stresses generated by milling Ti6Al4V alloy under different pre-stresses. International Journal of Advanced Manufacturing Technology, 2020, 107, 2597-2608.   | 3.0 | 6         |
| 7 | Investigations of the static and dynamic characteristics of the precision hydrostatic spindle with mid-thrust bearing under different loads. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2022, 236, 732-747. | 1.8 | 4         |
| 8 | A new inspection robot system for storage tank. , 2008, , .  |     | 3         |
| 9 | Approach to breach face impression comparison based on the robust estimation of a correspondence function. Forensic Science International, 2022, 333, 111229.  | 2.2 | 2         |