

# Cheng-Han Yu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5498902/publications.pdf>

Version: 2024-02-01

7  
papers

175  
citations

1478280

6  
h-index

1872570

6  
g-index

9  
all docs

9  
docs citations

9  
times ranked

161  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Effect of scan rotation on the microstructure development and mechanical properties of 316L parts produced by laser powder bed fusion. <i>Materials Characterization</i> , 2020, 163, 110309.   | 1.9 | 64        |
| 2 | Enhanced thermal stability and fracture toughness of TiAlN coatings by Cr, Nb and V-alloying. <i>Surface and Coatings Technology</i> , 2018, 342, 85-93.  | 2.2 | 40        |
| 3 | A new approach for determining GND and SSD densities based on indentation size effect: An application to additive-manufactured Hastelloy X. <i>Journal of Materials Science and Technology</i> , 2022, 96, 295-307.                           | 5.6 | 34        |
| 4 | Low cycle fatigue of additively manufactured thin-walled stainless steel 316L. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 821, 141598.                             | 2.6 | 23        |
| 5 | Anisotropic behaviours of LPBF Hastelloy X under slow strain rate tensile testing at elevated temperature. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 844, 143174. | 2.6 | 7         |
| 6 | Thin-wall effects and anisotropic deformation mechanisms of an additively manufactured Ni-based superalloy. <i>Additive Manufacturing</i> , 2020, 36, 101672.   | 1.7 | 6         |
| 7 | Anisotropic Deformation and Fracture Mechanisms of an Additively Manufactured Ni-Based Superalloy. <i>Minerals, Metals and Materials Series</i> , 2020, , 1003-1013.  | 0.3 | 1         |