

# Yanfei Gao

## List of Publications by Year in descending order

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7  
papers

89  
citations

1684188  
5  
h-index

1720034  
7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

94  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | A flow model for tip leakage flow in turbomachinery using a square duct with a longitudinal slit. Aerospace Science and Technology, 2019, 95, 105460.         | 4.8 | 16        |
| 2 | Direct numerical simulation of a tip-leakage flow in a planar duct with a longitudinal slit. Physics of Fluids, 2019, 31, .                                   | 4.0 | 14        |
| 3 | Diesel particulate filter design simulation: A review. Advances in Mechanical Engineering, 2016, 8, 168781401663732.  | 1.6 | 36        |
| 4 | Evaporation and dynamic characteristics of a high-speed droplet under transcritical conditions. Advances in Mechanical Engineering, 2016, 8, 168781401664295. | 1.6 | 2         |
| 5 | Study of the Standard $k-\hat{\mu}$ Model for Tip Leakage Flow in an Axial Compressor Rotor. International Journal of Turbo and Jet Engines, 2016, 33, .      | 0.7 | 15        |
| 6 | Breakup, instabilities, and dynamics of high-speed droplet under transcritical conditions. Advances in Mechanical Engineering, 2015, 7, 168781401558846.      | 1.6 | 5         |
| 7 | Investigation on Deformation of an Evaporating Droplet in Convective Transcritical Environments. Advances in Mechanical Engineering, 2014, 6, 326059.         | 1.6 | 1         |