

# Stanford

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## Wurong Jian

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### Bio

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#### STANFORD ADVISORS

- Wei Cai, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Ideal simple shear strengths of two HfNbTaTi-based quinary refractory multi-principal element alloys** *APL MATERIALS*  
Xu, S., Jian, W., Beyerlein, I. J.  
2022; 10 (11)
- **Energetically favorable dislocation/nanobubble bypass mechanism in irradiation conditions** *ACTA MATERIALIA*  
Jian, W., Xu, S., Su, Y., Beyerlein, I. J.  
2022; 230
- **Role of layer thickness and dislocation distribution in confined layer slip in nanolaminated Nb** *INTERNATIONAL JOURNAL OF PLASTICITY*  
Jian, W., Xu, S., Su, Y., Beyerlein, I. J.  
2022; 152
- **Atomistic simulations of the local slip resistances in four refractory multi-principal element alloys** *INTERNATIONAL JOURNAL OF PLASTICITY*  
Romero, R. A., Xu, S., Jian, W., Beyerlein, I. J., Ramana, C.  
2022; 149