



Registration Form for WFC Scientific Committee

Personal Info.

Name: Yiping Lu

Title: Professor, doctoral supervisor,
dean of school of materials science and engineering

Affiliation: Dalian University of Technology



Research Interest

Main research on the composition design theory and industrial casting technology of high-entropy alloys. Proposed the concept of eutectic high-entropy alloys (EHEAs), opening up a new research field and leading a considerable number of domestic and foreign scholars to invest in. Designed and prepared AlCoCrFeNi EHEAs for the first time in the world. The EHEAs have excellent mechanical and corrosion resistance properties as well as casting properties, which has significant academic influence and potential industrial applications.

Main Achievements (<200 words)

Selected in National level talent program (2020), Ministerial level talent program (2020), Dalian outstanding youth fund (2019), National excellent youth science fund (2018) and Liaoning province "Xingliao elite plan" top young talents (2018). Executive director of the youth work committee of the china society for materials research, executive director of the solidification science and technology branch of the chinese society for materials research. Deputy director of the youth editorial board of the Acta Metallurgica Sinica (English letters), Special Casting & Nonferrous Alloys, Transactions of Materials and Heat Treatment. Editorial board members of journals such as Journal of Materials Science & Technology, High Entropy Alloys & Materials, Tungsten, etc.

Over 160 SCI/EI papers were published in journals such as Acta Materialia, Scripta Materialia, Additive Manufacturing, Nanoscale, etc. with 7348 google citations in the past 5 years. Invited reports in over 50 domestic and foreign conferences, served as branch chairman 22 times. Authorized more than 20 Chinese invention patents and 2 US patents. Won the first prize of the 2015 ministry of education technology invention award (rank 4), the second prize of the 2015 national technology invention award (rank 4) and first prize of 2018 Liaoning provincial natural academic achievement award (rank 1).