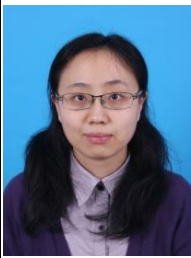


Curriculum Vitae

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Educational Background	<ul style="list-style-type: none"> ● Ph.D., Materials Science and Engineering, Dartmouth College, Hanover NH, USA 2013 ● Exchange Student, Ecole Nationale Supérieure d'Arts et Métiers (ENSAM), Paris, France 2007 ● B.E., Materials Science and Engineering, Shanghai Jiao Tong University, Shanghai, China 2007 				
Working Experience	<ul style="list-style-type: none"> ● Assistant Professor Beijing University of Technology 2013-Present ● Visiting Scientist Argonne National Laboratory 2017-2018 				
Research Interests	Aluminum Alloys, Materials Characterization, Tribology				
Major Publications*	<p>[1] "Dry sliding wear of microalloyed Er-containing Al-10Sn-4Si-1Cu alloy", X. Wu, D. Wang, V. De Andrade, Y. Jiang, W. Wang, S. Wen, K. Gao, H. Huang, S. Chen, Z. Nie, Journal of Materials Research and Technology 9(6), 2020, pp 14828-14840.</p> <p>[2] "The influence of stabilization treatment on long-term corrosion resistance and microstructure in Er and Zr containing 5083 aluminum alloy", Y. Ding, X. Wu, K. Gao, C. Huang, X. Xiong, H. Huang, S. Wen, Z. Nie, Materials Characterization 161, 2020.</p> <p>[3] "Microstructure Characterization of Microalloyed 5xxx Aluminum Alloys with Er and Zr using Analytical Transmission Electron Microscopy and Synchrotron X-ray Fluorescence Microscopy", X. Wu, S. Chen, B. Lai, H. Huang, S. Wen, K. Gao, W. Wang, Z. Nie, N. Zaluzec, Microscopy and Microanalysis 24(S1), 2018, pp 760-761.</p> <p>[4] "New Progress on Er-containing Micro-alloying Aluminum Alloys", X. Wu, Z. Nie, S. Wen, K. Gao, H. Huang, Materials Science Forum 877, 2017, pp 211-217.</p>				
Research Projects*	Microstructure, mechanical and tribology properties of microalloying Al-Sn bearing alloys, NNSF, Grant:51701006				
Professional Membership					
Potential Research Projects**	Microstructure, mechanical, corrosion and tribology properties of microalloyed Al-Zn-Mg alloys				

* Please list achievements of recent 5 years

** This CV is intended to match Chinese and Polish Scientists within SPUC member universities, and Potential Research Projects is intended to apply for Sino-Polish or EU scientific cooperation projects.