Curriculum Vitae

<table>
<tr><td rowspan="6">Personal Information</td><td>Name</td><td>Zijian Yu</td><td>Gender</td><td>Male</td><td rowspan="3">  </td></tr>
<tr><td>Academic Title</td><td colspan="3">Associate Researcher</td></tr>
<tr><td>College</td><td colspan="3">Beijing University of Technology</td></tr>
<tr><td>Discipline</td><td colspan="4">Materials Science and Engineering</td></tr>
<tr><td>Email</td><td colspan="4">zijian.yu@bjut.edu.cn</td></tr>
<tr><td>Mail Add.</td><td colspan="4">College of Materials Science and Engineering, Beijing University of Technology, 100 PenLe Yuan, Chaoyang Disctrict, Beijing, 100124, PR China</td></tr>
<tr><td>Educational Background</td><td colspan="5">2015.10-2017.07 Nagaoka University of Technology, Japan, JSPS Postdoc Fellow
2010.09-2015.07 Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Ph.D degree of Science
2013.01-2014.11 Helmholtz-Centre Geesthacht, Germany, Joint Ph.D candidate
2006.09-2010.07 Jilin University, China, Bachelor of Engineering</td></tr>
<tr><td>Working Experience</td><td colspan="5">2018.08-now Beijing University of Technology, China, Associate Researcher
2017.08-2018.07 Institute of aerospace materials and technology, China, Engineer</td></tr>
<tr><td>Research Interests</td><td colspan="5">1. New type high-performance wrought Mg alloy
2. Superlight lithium containing Mg alloy</td></tr>
<tr><td>Major Publications*</td><td colspan="5">1. Yu, Z., et al. (2019). "Effects of extrusion ratio and temperature on the mechanical properties and microstructure of as-extruded Mg-Gd-Y-(Nd/Zn)-Zr alloys." Materials Science and Engineering: A 762: 138080.
2. Yu, Z., et al. (2018). " Microstructure evolution and mechanical properties of as-extruded Mg-Gd-Y-Zr alloy with Zn and Nd additions." Materials Science and Engineering: A 713: 234-243.
3. Yu, Z., et al. (2017). "Effects of pre-annealing on microstructure and mechanical properties of as-extruded Mg-Gd-Y-Zn-Zr alloy." Journal of Alloys and Compounds 729: 627-637.
4. Yu, Z., et al. (2017). "Microstructure evolution and mechanical properties of a high strength Mg-11.7Gd-4.9Y-0.3Zr (wt%) alloy prepared by pre-deformation annealing, hot extrusion and ageing." Materials Science and Engineering: A 703: 348-358.
5. Yu, Z., et al. (2017). "Effects of extrusion ratio and annealing treatment on the mechanical properties and microstructure of a Mg–11Gd–4.5Y–1Nd–1.5Zn–0.5Zr (wt%) alloy." Journal of Materials Science 53: 1-17.
6. Yu, Z., et al. (2016). "Microstructure evolution of Mg–11Gd–4.5Y–1Nd–1.5Zn–0.5Zr (wt%) alloy during deformation and its effect on strengthening." Materials Science and Engineering: A 657: 259-268.</td></tr>
<tr><td>Research Projects*</td><td colspan="5">1. The study on the Mg-Gd-Y-Zn-Zr-Li-X alloy design, thermomechanical treatment, strengthening and toughening mechanism, NSFC program (51801048)
2. The study on ultra-high strength Mg-Gd-Y-X-Zr alloy, microstructure regulation, strengthening and</td></tr>
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	toughening mechanism, BJNFC program (2202004)
Professional Membership	1. Beijing high-level overseas talent 2. JSPS Scholar
Potential Research Projects**	1. The study on superlight high-performance Mg-Li alloys producing by short thermomechanical treatment process 2. The study on high-performance RE-free Mg sheet and its thermomechanical treatments

* 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.