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单位地址	南京市浦口区点将台路 40 号	邮编	210031	
研究领域	金属及其复合材料的研发与加工			
社会兼职				
承担项目	<ol style="list-style-type: none"> 1. 表面机械处理法制备高熵合金涂层及性质研究，中央高校基本科研业务费专项资金，2016.1-2018.12，主持，在研 2. 过渡金属氧化物及其电化学性能研究，南京农业大学科研启动基金，2011-，主持，在研 3. STA449F3 同步热分析仪基线校正技术的优化，中央高校基本科研业务费专项资金，2015.03-2017.03，参与，在研 4. 原位自生颗粒增强镁基复合材料的研发及其化学镀研究，南京农业大学青年科技创新基金，2010.10-2014.10，主持，已结题 			
学术成果	<p>主要论文：</p> <p>[1] Ke Chen*, Hemei Yang, Junshan Gao, Xiaolin Li, Chuangui Yu, Guangxu Ma, Xiao Yuan. Non-isothermal crystallization kinetics of $Mg_{60}Zn_{30}Ti_5Si_5$ amorphous alloy prepared by mechanical alloying, <i>Journal of Alloys and Compounds</i>, 2016, 687: 174-178 (SCI 收录)</p> <p>[2] 陈可, 杨和梅*, 王玲. 表面机械处理制备金属涂层的研究进展. <i>材料科学与工程学报</i>, 2016, 34</p> <p>[3] 陈可*, 杨和梅, 朱梦丹, 朱大鹏. 机械合金化工艺对 $Mg_{60}Zn_{30}Ti_5Si_5$ 非晶合金制备的影响, <i>材料科学与工程学报</i>, 2015, 33 (6) : 810~813</p> <p>[4] Ke Chen*, Ziquan Li, Effect of co-modification by Ba and Sb on the microstructure of $Mg_2Si/Mg-Zn-Si$ composite and mechanism, <i>Journal of Alloys and Compounds</i>, 2014, 592(1):196-201 (SCI 收录)</p> <p>[5] 陈可*. 镁基复合材料制备方法的研究进展, <i>材料导报</i>, 2012, 26(z1): 378-381</p> <p>[6] 陈可, 李子全*, 刘劲松, 杨继年, 孙颖迪, 卞松刚. Ba 对原位自生</p>			

	<p>Mg₂Si/Mg-Zn-Si 复合材料组织与力学性能的影响, 材料工程, 2010, (04): 63-68 (EI 收录)</p> <p>[7] Ke Chen, Ziquan Li*, Jinsong Liu, Jinian Yang, Yindi Sun, Songgang Bian. The effect of Ba addition on microstructure of in situ synthesized Mg₂Si/Mg-Zn-Si composites, Journal of Alloys and Compounds, 2009, 487 (1-2) : 293-297 (SCI 收录)</p> <p>[8] Ke Chen, Ziquan Li*, Henzhi Zhou, Wei Wang, Influence of high intensity ultrasonic vibration on microstructure of in-situ synthesized Mg₂Si/Mg composites, Transactions of Nonferrous Metals Society of China, 2007, (S1) : 391-395 (SCI 收录)</p> <p>[9] 陈可, 李子全*, 杨宝亮. 铈、镧及富铈混合稀土对 AZ91D 合金组织和力学性能的影响, 机械工程材料, 2007, 31(11): 47-51</p>
<p>奖励荣誉</p>	

Teaching staff/ Personal information

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Research field	Processing of metal and metal matrix composites			
Social appointments				
Research projects	<ol style="list-style-type: none"> 1. Research on high-entropy alloy coating prepared by SMAT, Fundamental Research Funds for the Central Universities, 2016.1-2018.12, project leader and principal investigator 2. Research on Transition metal oxides and their electrochemical properties. NJAU Initial Fund for Scientific Research. 2011-, project leader and principal investigator 3. Optimization of baseline calibration technique for STA449F3 simultaneous thermal analyzer, Fundamental Research Funds for the Central Universities, 2015.03-2017.03, Co-principal investigator 4. Research on in-situ synthesized Mg matrix composite and chemical plating, NJAU youth Science and Technology Innovation Fund, 2010.10-2014.10, project leader and principal investigator 			
Academic achievements	<p>Recent papers:</p> <p>[1] Ke Chen[*], Hemei Yang, Junshan Gao, Xiaolin Li, Chuangui Yu, Guangxu Ma, Xiao Yuan. Non-isothermal crystallization kinetics of Mg₆₀Zn₃₀Ti₅Si₅ amorphous alloy prepared by mechanical alloying, Journal of Alloys and Compounds, 2016, 687: 174-178 (SCI)</p> <p>[2] CHEN Ke, YANG He-mei[*], WANG Ling, Research Developments of Coatings prepared by SMAT on Metals, Journal of Materials Science & Engineering, 2016, 34</p> <p>[3] CHEN Ke[*], YANG He-mei, ZHU Meng-dan, ZHU Da-peng. Influence of Mechanical Alloying Parameters on Preparation of Mg₆₀Zn₃₀Ti₅Si₅ Amorphous Alloy, Journal of Materials Science & Engineering, 2015, 33(6): 810~813</p> <p>[4] Ke Chen[*], Ziquan Li, Effect of co-modification by Ba and Sb on the microstructure of Mg₂Si/Mg–Zn–Si composite and mechanism, Journal of Alloys and Compounds, 2014, 592(1):196-201 (SCI)</p>			

	<p>[5] Ke Chen, Ziquan Li[*], Jinsong Liu, Jinian Yang, Yindi Sun, Songgang Bian. The effect of Ba addition on microstructure of in situ synthesized Mg₂Si/Mg–Zn–Si composites, Journal of Alloys and Compounds, 2009, 487 (1–2) : 293-297 (SCI)</p> <p>[6] Ke Chen, Ziquan Li[*], Henzhi Zhou, Wei Wang, Influence of high intensity ultrasonic vibration on microstructure of in-situ synthesized Mg₂Si/Mg composites, Transactions of Nonferrous Metals Society of China, 2007, (S1) : 391-395 (SCI)</p>
<p>Reward & honor</p>	