

- [1] Feng Yang, Ze-ying Yan, Ying-hui Wei, Yong-gang Li, Huan Wei, Li-feng Hou, Fabrication of surface porous Mg-Al alloys with different microstructure in a neutral aqueous solution, *Corrosion Science*, 130 (2018) 138-142.
- [2] Feng Yang, Yonggang Li, Yinghui Wei, Huan Wei, Zeying Yan, Lifeng Hou, L. F. Electrochemical synthesis of a surface-porous Mg 70.5 Al 29.5 eutectic alloy in a neutral aqueous NaCl solution. *Applied Surface Science*, 435, (2018): 1246-1248.
- [3] Jia Xing, Yinghui Wei *, Lifeng Hou. An Overview of the Effects of Alloying Elements on the Properties of Lightweight Fe-(15 35) Mn-(5 12) Al-(0.3 1.2) C Steel. *JOM*, 2018: 1-9.
- [4] Huan W E I, HOU L, CUI Y, Wei YH. Effect of Ti content on corrosion behavior of Cu-Ti alloys in 3.5% NaCl solution. *Transactions of Nonferrous Metals Society of China*, 2018, 28(4): 669-675.
- [5] Liu Xiaoda, Yin Ming, Zhang Shaohua, Wei Huan, Liu Baosheng, Du Huayun, Hou Lifeng, Wei Yinghui, Corrosion Behavior of the As-Cast and As-Solid Solution Mg-Al-Ge Alloy, *MATERIALS*, 11 (10) (2018):1812-1821.
- [6] Zhang Shaohua, Hou Lifeng, Wei Huan, Wei Yinghui, Liu Baosheng, Failure analysis of an oil pipe wall perforated by pitting corrosion, *MATERIALS AND CORROSION-WERKSTOFFE UND KORROSION*, 69 (8) (2018):1123-1130.
- [7] Wei Huan, Cui Yanchao, Cui Huiqi, Zhou Caizhi, Hou Lifeng, Wei Ying Hui, Evolution of grain refinement mechanism in Cu-4wt.%Ti alloy during surface mechanical

attrition treatment, J. All. COMP., 763 (2018): 835-843.

[8] Li Xu, Li Yang, Wei Yinghui, Hou Lifeng, Liu Baosheng, Qu Hongbo, Wang Yide, Effect of surface self-nanocrystallization and Si infiltration on Si diffusion behavior, hardness and magnetic properties of pure Fe, Journal of Iron and Steel Research International, 2018,25:923-931

[9] Du Huayun Ana Yanli Zhang Xilu Wei Yinghui, Hou Lifeng, Liu Baosheng, Liu Hu, Zhang Jiaoxia,Wang Ning, Umar Ahmad, Guo Zhanhu, Hydroxyapatite (HA) Modified Nanocoating Enhancement on AZ31 Mg Alloy by Combined Surface Mechanical Attrition Treatment and Electrochemical Deposition Approach, J. NANOSCIENCE AND NANOTECHNOLOGY, 19 (2) (2018): 810-818.

[10] Du Huayun, An Yanli, Wei Yinghui, Hou Lifeng, Liu Baosheng, Liu Hu, Ma Yong, Zhang Jiaoxia, Wang Ning, Umar Ahmad, Guo Zhanhu, Nickel Powders Modified Nanocoating Strengthened Iron Plates by Surface Mechanical Attrition Alloy and Heat Treatment, SCIENCE OF ADVANCED MATERIALS, 10 (7) (2018): 1063-1072.

[11] Yang Li, Lifeng Hou, Yinghui Wei, Huan Wei, Yang Cheng. Enhancement of siliconizing behaviors in pure iron induced by surface mechanical attrition treatment, Surface and Coatings Technology, 309 (2017) 462-470.

[12] Huan Wei, Yanchao Cui, Huiqi Cui, Yinghui Wei, Lifeng Hou, Effects of multiple trace alloying elements on the microstrcutre and properties of Cu-4wt.%Ti alloys, Materials Science and Engineering A, 707(2017) 392-398.

[13] Meng, Chuan-feng, Zhang Lei, Wang Cun-yu, Zhang, Yu-jie, Wei, Ying-hui, Wang Yi-de, Cao Wen-quan, Microstructure and mechanical properties of 20Si2CrNi3MoV steel treated by HDQP process, Journal of iron and steel research international, 24 (2017) 1137-1142 .

[14] Guo SQ, Hou LF, Guo CL, Wei YH, Characteristics and corrosion behavior of nickel-phosphorus coatings deposited by a simplified bath, Materials and Corrosion-Werkstoffe And Korrosion

[15]Lifeng Hou, Massimo Raveggi, Xiao-Bo Chen, Wanqiang Xu, Kevin J. Laws, Yinghui Wei, Michael Ferry, Nick Birbilis, Investigating the passivity and dissolution of a corrosion resistant Mg-33at.%Li alloy in aqueous chloride using online ICP-MS, Journal of Electrochemical Society, 2016,163(6):C324-329

[16] Lifeng Hou, Ning Dang, Haiyan Yang, Baosheng Liu, Yonggang Li, YinghuiWei, Xiao-Bo Chen, A Combined Inhibiting Effect of Sodium Alginate and Sodium Phosphate on the Corrosion of Magnesium Alloy AZ31 in NaCl Solution, Journal of The Electrochemical Society, 2016,163 (8): C486-C494

[17] Miaomiao Liang, Yinghui wei, Lifeng Hou, Haiyang Wang, YonggChunli Guo. Fabrication of a super-hydrophobic surface on a magnesium allsimple method, Journal of Alloys and Compounds, 2016,656(25):311-317

[18] Haiyang Wang, Yinghui Wei, Miaomiao Liang, Lifeng Hou, YonggChunli. Fabrication of stable and corrosion-resisted super-hydrophobic Mg alloy. Colloids and Surfaces A: Physicochemical and Engineering Aspect509(20): 351-358.

[19] Wei Huan, Wei Ying-hui, Hou Li-feng, Dang Ning. Correlation of precipitates with the corrosion behaviour of Cu-4wt.%Ti alloys in 3.5wtsolution, Corrosion Science, 2016, 111: 382-390.

[20] Yong-gangLi, Ying-huiWei, Li-feng Hou, Atmospheric corrosion of AM 60 alloys in an industrial city environment, Corrosion Science, 2013, 69(4): 67-76

3

