

《中国有色金属学报(英文版)》2013 年度优秀论文 (1)

(根据本刊论文历年获奖情况)

序号	颁奖机构	第一作者/ 单位	发表论文题名	发表时间
1	中国科协期刊优秀 学术论文	胡岳华/中南 大学	Recent development in researches of electrochemistry of sulphide flotation at Central South University of Technology	2000-10
2	中国科协期刊优秀 学术论文	苏彦庆/哈尔 滨工业大学	Melting throughout time and energy consumption for TiAl alloys during ISM process	2005-01
3	2006 年度全国有色 金属优秀科技论文 奖	汤勇/华南理 工大学	Planing process of fin heat sinks	2005-06
4	2006 年度全国有色 金属优秀科技论文 奖	黄劲松/中南 大学	Microstructure and properties of cutting magnesium-brass containing no lead	2005-12
5	中国科协期刊优秀 学术论文	田琦峰/中科 院大连化物 所	Effects of Pb substitution for Ni on corrosion performances of $Mg_{0.9}Ti_{0.1}Ni_{1-x}Pd_x$ hydrogen storage	2006-03
6	中国科协期刊优秀 学术论文	李保松/武汉 大学	Preparation and electrocatalytic properties of Ti/IrO ₂ -Ta ₂ O ₅ anodes for oxygen evolution	2006-05
7	中国科协期刊优秀 学术论文	刘云国/湖南 大学	Removal of cadmium and zinc ions from equeous solution by living <i>Aspergillus niger</i>	2006-06

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(根据本刊论文 JCR 被引排名)

序号	作者	论文题目	年, 卷 (期)	通信作者/单位
1	Yin Dong-song; Zhang Er-lin; Zeng Song-yan	Effect of Zn on mechanical property and corrosion property of extruded Mg-Zn-Mn alloy	2008,18(4)	张二林/中科院金属所
2	Cheng Ying-liang; Qin Ting-wei; Wang Hui-min; Zhang Zhao	Comparison of corrosion behaviors of AZ31, AZ91, AM60 and ZK60 magnesium alloys	2009,19(3)	程英亮/湖南大学材料科学与工程学院
3	Yang Xu-yue; Ji Ze-sheng; Miura, H.; Sakai, T.	Dynamic recrystallization and texture development during hot deformation of magnesium alloy AZ31	2009,19(1)	杨续跃/中南大学材料科学与工程学院
4	Chen Hui-qin; Cao Chun-xiao; Guo Ling; Lin Hai	Hot deformation mechanism and microstructure evolution of TC11 titanium alloy in beta field	2008,18(5)	陈慧琴/北京航空材料研究所
5	Li Jin-feng; Peng Zhuo-wei; Li Chao-xing; Jia Zhi-qiang; Chen Wen-jing; Zheng Zi-qiao	Mechanical properties, corrosion behaviors and microstructures of 7075 aluminium alloy with various aging treatments	2008,18(4)	李劲风/中南大学材料科学与工程学院
6	Wang Bin; Yang Yuan-sheng; Zhou Ji-xue; Tong Wen-hui	Microstructure refinement of AZ91D alloy solidified with pulsed magnetic field	2008,18(3)	杨院生/中科院金属所

7	Yang Lian-fa; Mori Ken-ichiro; Tsuji Hirokazu	Deformation behaviors of magnesium alloy AZ31 sheet in cold deep drawing	2008,18(1)	杨连发/桂林电子科技大学机电工程学院
8	Yu He-long; Xu Yi; Shi Pei-jing; Xu Bin-shi; Wang Xiao-li; Liu Qian	Tribological properties and lubricating mechanisms of Cu nanoparticles in lubricant	2008,18(3)	于鹤龙/装甲兵工程学院装备再制造技术国防科技重点实验室
9	Guo Hua-jun; Xiang Kai-xiong; Cao Xuan; Li Xin-hai; Wang Zhi-xing; Li Li-ming	Preparation and characteristics of Li ₂ FeSiO ₄ /C composite for cathode of lithium ion batteries	2009,19(1)	郭华军/中南大学冶金学院
10	Zhao Lei; Lian Jian-she; Liu Yu-hua; Jiang Qing	Influence of preparation methods on photoluminescence properties of ZnO films on quartz glass	2008,18(1)	连建设/ 吉林大学材料科学工程学院
11	Wu Ji-jun; Ma Wen-hui; Yang Bin; Dai Yong-nian; Morita, K.	Boron removal from metallurgical grade silicon by oxidizing refining	2009,19(2)	马文会/昆明理工大学材料与冶金工程学院
12	Bai Qian; Yang He; Zhan Mei	Finite element modeling of power spinning of thin-walled shell with hoop inner rib	2008,18(1)	杨 合/ 西北工业大学材料材料科学工程学院
13	Han Zong-jie; Xue Song-bai; Wang Jan-xin; Zhang Xin; Zhang Liang; Yu Sheng-lin; Wang Hui	Mechanical properties of QFP micro-joints soldered with lead-free solders using diode laser soldering technology	2008,18(4)	薛松柏/南京航空航天大学材料科学与技术学院
14	Li Jian-zhong; Huang Jiu-gui; Tian Yan-wen; Liu Chang-sheng	Corrosion action and passivation mechanism of magnesium alloy in fluoride solution	2009,19(1)	李建中/东北大学材料与冶金学院

15	Xie Jian-chang; Li Quan-an; Wang Xiao-qiang; Li Jian-hong	Microstructure and mechanical properties of AZ81 magnesium alloy with Y and Nd elements	2008,18(2)	李全安/河南科技大学材料科学与工程学院
16	Feng Yan; Wang Ri-chu; Peng Chao-qun; Wang Nai-guang	Influence of Mg ₂₁ Ga ₅ Hg ₃ compound on electrochemical properties of Mg-5%Hg-5%Ga alloy	2009,19(1)	冯艳/中南大学材料科学与工程学院
17	Xiao Shu-long; Tian Jing; Xu Li-juan; Chen Yu-yong; Yu Hong-bao; Han Jie-cai	Microstructures and mechanical properties of TiAl alloy prepared by spark plasma sintering	2009,19(6)	肖树龙/哈尔滨工业大学材料科学与工程学院
18	Xu Dong; Cheng Xiao-nong; Yan Xue-hua; Xu Hong-xing; Shi Li-yi	Sintering process as relevant parameter for Bi ₂ O ₃ vaporization from ZnO-Bi ₂ O ₃ -based varistor ceramics	2009,19(6)	徐东/江苏大学材料科学与工程学院
19	Yang Yong-biao; Wang Fu-chi; Tan Cheng-wen; Wu Yuan-yuan; Cai Hong-nian	Plastic deformation mechanisms of AZ31 magnesium alloy under high strain rate compression	2008,18(5)	谭成文/北京理工大学材料学院
20	Cao Fa-he; Lin Long-yong; Zhang Zhao; Zhang Jian-qing; Cao Chu-nan	Environmental friendly plasma electrolytic oxidation of AM60 magnesium alloy and its corrosion resistance	2008,18(2)	张昭/浙江大学化学系
21	Zhu Jian-yu; Zhang Jing-xia; Zhou Hui-fen; Qin Wen-qing; Chai Li-yuan; Hu Yue-hua	Microwave-assisted synthesis and characterization of ZnO-nanorod arrays	2009,19(6)	朱建裕/中南大学冶金学院
22	Li Guo-dong; Xiong Xiang; Huang Bai-yun; Huang Ke-long	Structural characteristics and formation mechanisms of crack-free multilayer TaC/SiC coatings on carbon-carbon composites	2008,18(2)	李国栋/中南大学粉末冶金国家重点实验室

23	Feng Xiao-ming; Ai Tao-Tao	Microstructure evolution and mechanical behavior of AZ31 Mg alloy processed by equal-channel angular pressing	2009,19(2)	冯小明/陕西理工学院材料科学与工程学院
24	Yang Ming-bo; Pan Fu-sheng; Cheng Ren-ju; Shen Jia	Effects of holding temperature and time on semi-solid isothermal heat-treated microstructure of ZA84 magnesium alloy	2008,18(3)	杨明波/重庆理工大学材料科学与工程学院
25	Xu Dong; Shi Xiao-feng; Cheng Xiao-nong; Yang Juan; Fan Yue-e; Yuan Hong-ming; Shi Li-yi	Microstructure and electrical properties of Lu ₂ O ₃ -doped ZnO-Bi ₂ O ₃ -based varistor ceramics	2010,20(12)	徐东/江苏大学材料科学与工程学院
26	Yang Xu-yue; Zhu Ya-kun; Miura, H.; Sakai, T.	Static recrystallization behavior of hot-deformed magnesium alloy AZ31 during isothermal annealing	2010,20(7)	杨续跃/中南大学材料科学与工程学院
27	Zhan Mei-yan; Li Yuan-yuan; Chen Wei-ping	Improving mechanical properties of Mg-Al-Zn alloy sheets through accumulative roll-bonding	2008,18(2)	詹美燕/华南理工大学机械工程学院
28	Chang Yong-feng; Zhai Xiu-jing; Fu Yan; Ma Lin-zhi; Li Bin-chuan; Zhang Ting-an	Phase transformation in reductive roasting of laterite ore with microwave heating	2008,18(4)	翟秀静/东北大学材料与冶金学院
29	Liao Guo-li; Liao Da-xue; Li Quan-ming	Heavy metals contamination characteristics in soil of different mining activity zones	2008,18(1)	廖国礼/中国安全生产科学研究院矿山所
30	Quan Guo-zheng; Liu Ke-wei; Zhou Jie; Chen Bin	Dynamic softening behaviors of 7075 aluminum alloy	2009,19(s3)	权国政/重庆大学材料科学与工程学院

31	Guan Shao-kang; Wu Li-hong; Wang Li-guo	Flow stress and microstructure evolution of semi-continuous casting AZ70 Mg-alloy during hot compression deformation	2008,18(2)	吴立鸿/郑州大学材料科学与工程学院
32	Zhang Yan-sheng; Qin Wen-qing; Wang Jun; Zhen Shi-jie; Yang Cong-ren; Zhang Jian-wen; Nai Shao-shi; Qiu Guan-zhou	Bioleaching of chalcopyrite by pure and mixed culture	2008,18(6)	覃文庆/中南大学资源加工与生物工程学院
33	Liu Hui-jie; Zhang Hui-jie; Huang Yong-xian; Yu Lei	Mechanical properties of underwater friction stir welded 2219 aluminum alloy	2010,20(8)	刘会杰/ 哈尔滨工业大学材料科学与工程学院
34	Niu Jie-xin; Chen Qiu-rong; Xu Nai-xin; Wei Zhong-ling	Effect of combinative addition of strontium and rare earth elements on corrosion resistance of AZ91D magnesium alloy	2008,18(5)	钮洁欣/中国科学院上海微系统与信息技术研究所
35	Peng Jian; Zou Fen; Liu Lu; Tang Liang; Yu Li; Chen Wei; Liu Hui; Tang Jing-bo; Wu Li-xiang	Preparation and characterization of PEG-PEI/Fe ₃ O ₄ nano-magnetic fluid by co-precipitation method	2008,18(2)	邬力祥/中南大学公共卫生学院
36	Tang Wen-ming; He An-qiang; Liu Qi; Ivey, D. G.	Solid state interfacial reactions in electrodeposited Cu/Sn couples	2010,20(1)	汤文明/合肥工业大学材料科学与工程学院
37	Yang Ming-bo; Ma Yan-long; Pan Fu-sheng	Effects of little Ce addition on as-cast microstructure and creep properties of Mg-3Sn-2Ca magnesium alloy	2009,19(5)	杨明波/重庆理工大学材料科学与工程学院
38	Niu Li-yuan; Lin Ji-xing; Li Yong; Shi Zi-mu; Xu Lin-chao	Improvement of anticorrosion and adhesion to magnesium alloy by phosphate coating formed at room temperature	2010,20(7)	牛丽媛/浙江工贸职业技术学院先进材料研发中心

39	Bai Yue-long; Xu Jun; Zhang Zhi-feng; Shi Li-kai	Annulus electromagnetic stirring for preparing semisolid A357 aluminum alloy slurry	2009,19(5)	白月龙/北京有色金属研究总院
40	Huang Shun-hong; Peng Bing; Yang Zhi-hui; Chai Li-yuan; Zhou Li-cheng	Chromium accumulation, microorganism population and enzyme activities in soils around chromium-containing slag heap of steel alloy factory	2009,19(1)	杨志辉/中南大学冶金学院

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（根据本刊网站下载排名）

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S. JANUDOM, T. RATTANOCHAIKUL, R. BURAPA, S. WISUTMETHANGOON, J. WANNASIN	Feasibility of semi-solid die casting of ADC12 aluminum alloy	Department of Mining and Materials Engineering, Faculty of Engineering, Prince of Songkla University, Hat Yai, Songkhla, 90112, Thailand;	2010,20(9)
TIAN Yan-hong(田艳红), WANG Chun-qing(王春青), Y. Norman ZHOU	Bonding mechanism of ultrasonic wedge bonding of copper wire on Au/Ni/Cu substrate	哈尔滨工业大学	2008,18(1)
GUO Xue-yi, SHI Wen-tang, LI Dong, TIAN Qing-hua	Leaching behavior of metals from limonitic laterite ore by high pressure acid leaching	中南大学	2011,21(1)
R. Ebrahimi-Kahrizsangi, M. H. Abbasi	Evaluation of reliability of Coats-Redfern method for kinetic analysis of non-isothermal TGA	Department of Engineering, Islamic Azad University, Najafabad branch, Isfahan, Iran	2008,18(1)
SHE Yuan-yuan(余媛媛), YANG Juan(杨娟), QIU Ke-qiang(丘克强)	Synthesis of ZnS nanoparticles by solid-liquid chemical reaction with ZnO and Na ₂ S under ultrasonic	中南大学	2010,20(S1)
HUANG Ke-long(黄可龙), YIN Liang-guo(尹良果), LIU Su-qin(刘素琴), LI Chao-jian(李朝建)	Preparation and formation mechanism of Al ₂ O ₃ nanoparticles by reverse microemulsion	中南大学	2007,17(3)
O. CELEP1, İ. ALP1, H. DEVECİ1, M. VICİL	Characterization of refractory behaviour of complex gold/silver ore by diagnostic leaching	Mining Engineering Department, Karadeniz Technical University, 61080, Trabzon, Turkey	2009,19(3)
HONG Jian-ping(洪建平), WANG Jun(王俊), CHEN Hai-yan(陈海葵), SUN Bao-de(孙宝德)1, LI Jia-jing(李家镜), CHEN Chong(陈冲)	Process of aluminum dross recycling and life cycle assessment for Al-Si alloys and brown fused alumina	上海交通大学	2010,20(11)
WANG Tao(王涛), YIN Zhi-min(尹志民), SUN Qiang(孙强)	Effect of homogenization treatment on microstructure and hot workability of high strength 7B04 aluminium alloy	中南大学	2007,17(2)

作者	题名	单位	年, 卷期
LIAO Guo-li(廖国礼), LIAO Da-xue(廖大学), LI Quan-ming(李全明)	Heavy metals contamination characteristics in soil of different mining activity zones	中国安全生产科学研究院	2008,18(1)
YAN Zhi-jie(闫志杰), DANG Shu-e(党淑娥), WANG Xiang-hui(王祥辉), LIAN Pei-xia(廉培霞)	Applicability of Johnson-Mehl-Avrami model to crystallization kinetics of Zr60Al15Ni25 bulk amorphous alloy	太原理工大学	2008,18(1)
PENG Xiao-yu(彭小玉), WANG Yun-yan(王云燕), CHAI Li-yuan(柴立元), SHU Yu-de(舒余德)	Thermodynamic equilibrium of $\text{CaSO}_4\text{-Ca(OH)}_2\text{-H}_2\text{O}$ system	中南大学	2009,19(1)
LIU Pei-sheng(刘培生), CAI Wei-ping(蔡伟平), WAN Li-xi(万里兮), SHI Ming-da(石明达), LUO Xiang-dong(罗向东), JING Wei	Fabrication and characteristics of rutile TiO_2 nanoparticles induced by laser ablation	南通大学	2009,19(S3)
WANG Qiang(王 强), ZHANG Zhi-min(张治民), ZHANG Xing(张 星), LI Guo-jun(李国俊)	New extrusion process of Mg alloy automobile wheels	中北大学	2010,20(S2)
YAN Xing-huang(严星煌), ZHENG Song-sheng(郑淞生), YU Rui-min(于瑞敏), CAI Jing(蔡 靖), XU Zhi-wei(许志伟), LIU Chun-jia(刘春佳), LUO Xue-tao(罗学涛)	Preparation of YAG:Ce^{3+} phosphor by sol-gel low temperature combustion method and its luminescent properties	厦门大学	2008,18(3)
LIU Jian-wen(刘建文), LI Xin-hai(李新海), WANG Zhi-xing(王志兴), GUO Hua-jun(郭华军), PENG Wen-jie(彭文杰), ZHANG Yun-he(张云河), HU Qi-yang(胡启阳)	Preparation and characterization of lithium hexafluorophosphate for lithium-ion battery electrolyte	中南大学	2010,20(2)
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GAO Feng(高 峰), NIE Zuo-ren(聂祚仁), WANG Zhi-hong(王志宏), GONG Xian-zheng(龚先政), ZUO Tie-yong(左铁镛)	Assessing environmental impact of magnesium production using Pidgeon process in China	北京工业大学	2008,18(1)
LI Zhi-hua(李芝华), KE Yu-peng(柯于鹏), REN Dong-yan(任冬燕)	Effects of heat treatment on morphological, optical and electrical properties of ITO films by sol-gel technique	中南大学	2008,18(2)