

《中国有色金属学报（英文版）》2014 年度优秀论文获奖名单

序号	作者	题名	通信作者	通信作者单位	E-mail	总被引次数	出版年	期次
1	Luo Su-qin; Tang Ai-tao; Pan Fu-sheng; Song Kai; Wang Wei-qing	Effect of mole ratio of Y to Zn on phase constituent of Mg-Zn-Zr-Y alloys	潘复生	Chongqing Univ, Coll Mat Sci & Engr, Chongqing 400030, Peoples R China.	fspan@cqu.edu.cn	20	2011	4
2	Morita, Kazuki; Yoshikawa, Takeshi	Thermodynamic evaluation of new metallurgical refining processes for SOG-silicon production	Morita, K	Univ Tokyo, Inst Ind Sci, Meguro Ku, 4-6-1 Komaba, Tokyo 1538505, Japan.	kzmorita@iis.u-tokyo.ac.jp	17	2011	3
3	Zhao Li-xin; Wang Zhi; Guo Zhan-cheng; Li Cheng-yi	Low-temperature purification process of metallurgical silicon	郭占成	Chinese Acad Sci, Natl Engr Lab Hydromet Cleaner Prod Technol, Inst Proc Engr, Beijing 100190, Peoples R China.	zcguo@metall.ustb.edu.cn	16	2011	5
4	Li Wen-bin; Pan Qing-lin; Xiao Yan-ping; He Yun-bin; Liu Xiao-yan	Microstructural evolution of ultra-high strength Al-Zn-Cu-Mg-Zr alloy containing Sc during homogenization	潘清林	Cent S Univ, Sch Mat Sci & Engr, Changsha 410083, Hunan, Peoples R China.	pql@mail.csu.edu.cn	14	2011	10
5	Farahany, S.; Ourdjini, A.; Idris, M. H.; Thai, L. T.	Effect of bismuth on microstructure of unmodified and Sr-modified Al-7Si-0.4Mg alloys	FARAHAN Y S.	Department of Materials Engineering, Faculty of Mechanical Engineering, Universiti Teknologi Malaysia, 81310, Malaysia	fsaeed2@live.utm.my	14	2011	7
6	Cai Jing; Li Jin-tang; Chen Wen-hui; Chen Chao; Luo Xue-tao	Boron removal from metallurgical silicon using CaO-SiO ₂ -CaF ₂ slags	罗学涛	Xiamen Univ, Coll Mat, Dept Mat Sci & Engr, Xiamen 361005, Peoples R China.	xuetao@xmu.edu.cn	14	2011	6
7	Kou Hua-qin; Xiao Xue-zhang; Chen Li-xin; Li Shou-quan; Wang Qi-dong	Formation mechanism of MgB ₂ in 2LiBH ₄ + MgH ₂ system for reversible hydrogen storage	陈立新	Zhejiang Univ, Dept Mat Sci & Engr, Hangzhou 310027, Zhejiang, Peoples R China.	lxchen@zju.edu.cn	14	2011	5
8	Shi Zhu-qing; Wang Yan; Fan Cai-mei; Wang Yun-fang; Ding Guang-yue	Preparation and photocatalytic activity of BiOCl catalyst	樊彩梅	Taiyuan Univ Technol, Coll Chem & Chem Engr, Taiyuan 030024, Peoples R China.	fancm@163.com	13	2011	10
9	Luo Da-wei; Liu Ning; Lu Yi-ping; Zhang Guo-liang; Li	Removal of boron from metallurgical grade silicon by electromagnetic	李廷举	Dalian Univ Technol, Sch Mat Sci & Engr, Dalian 116024, Peoples R China.	tjuli@dlut.edu.cn	13	2011	5

	Ting-ju	induction slag melting						
10	Ghosh, K. S.; Gao, N.	Determination of kinetic parameters from calorimetric study of solid state reactions in 7150 Al-Zn-Mg alloy	Ghosh, KS	Natl Inst Technol, Dept Met & Mat Engr, Durgapur 713209, India.	ksghosh2001@yahoo.co.uk	12	2011	6
11	Malarvizhi, S.; Balasubramanian, V.	Effect of welding processes on AA2219 aluminium alloy joint properties	Balasubramanian, V	Annamalai Univ, Dept Mfg Engr, Ctr Mat Joining & Res CEMAJOR, Annamalainagar 608002, Tamil Nadu, India.	visvabalu@yahoo.com	12	2011	5
12	Yu Run-lan; Ou Yang; Tan Jian-xi; Wu Fa-deng; Sun Jing; Miao Lei; Zhong Dai-li	Effect of EPS on adhesion of Acidithiobacillus ferrooxidans on chalcopyrite and pyrite mineral surfaces	余润兰	Cent S Univ, Sch Minerals Proc & Bioengn, Key Lab Biomet Minist Educ, Changsha 410083, Peoples R China.	YRL715@sina.com.cn	12	2011	2
13	Zhang Ding-fei; Shi Guo-liang; Zhao Xia-bing; Qi Fu-gang	Microstructure evolution and mechanical properties of Mg-x%Zn-1%Mn (x=4, 5, 6, 7, 8, 9) wrought magnesium alloys	石国梁	Chongqing Univ, Coll Mat Sci & Engr, Chongqing 400045, Peoples R China.	sglholo@yahoo.com.cn	12	2011	1
14	Zeng Feng-li; Wei Zhong-ling; Li Jin-feng; Li Chao-xing; Tan Xing; Zhang Zhao; Zheng Zi-qiao	Corrosion mechanism associated with Mg ₂ Si and Si particles in Al-Mg-Si alloys	李劲风	Cent S Univ, Sch Mat Sci & Engr, Changsha 410083, Hunan, Peoples R China.	lijinfeng@csu.edu.cn	11	2011	12
15	Huang Guang-sheng; Zhang Hua; Gao Xiao-yun; Song Bo; Zhang Lei	Forming limit of textured AZ31B magnesium alloy sheet at different temperatures	黄光胜	Chongqing Univ, Coll Mat Sci & Engr, Chongqing 400045, Peoples R China.	gshuang@cqu.edu.cn	11	2011	4
16	Sudagar, J.; Lian Jian-she; Chen Xiao-min; Lang Peng; Liang Ya-qin	High corrosion resistance of electroless Ni-P with chromium-free conversion pre-treatments on AZ91D magnesium alloy	连建设	Jilin Univ, Key Lab Automobile Mat, Minist Educ, Coll Mat Sci & Engr, Changchun 130025, Peoples R China.	lianjs@jlu.edu.cn	11	2011	4
17	Hwang, Hae-Young; Kim, Deuk-Ju; Kim, Hyung-Jun; Hong, Young-Taik; Nam, Sang-Yong	Effect of nanoclay on properties of porous PVdF membranes	Nam, SY	Gyeongsang Natl Univ, I Cube Ctr, Sch Mat Sci & Engr, Engr Res Inst, Jinju 660701, South Korea.	walden@gnu.ac.kr	11	2011	s1

18	Lu Yi-ping; Zhang Ming-qiang; Feng Qi-ming; Long Tao; Ou Le-ming; Zhang Guo-fan	Effect of sodium hexametaphosphate on separation of serpentine from pyrite	张明强	Chem Ind Minist, Changsha Design & Res Inst, Changsha 410016, Hunan, Peoples R China.	luyp309@sohu.com	11	2011	1
19	Sen Wei; Xu Bao-qiang; Yang Bin; Sun Hong-yan; Song Jian-xun; Wan He-li; Dai Yong-nian	Preparation of TiC powders by carbothermal reduction method in vacuum	杨斌	Natl Engr Lab Vacuum Met, Kunming 650093, Peoples R China.	kgyb2005@126.com	11	2011	1
20	Sun Xian-jun; Tao Jie; Guo Xun-zhong	Bonding properties of interface in Fe/Al clad tube prepared by explosive welding	陶杰	Nanjing Univ Aeronaut & Astronaut, Coll Mat Sci & Technol, Nanjing 210016, Peoples R China.	taojie@nuaa.edu.cn	10	2011	10
21	Izadinia, M.; Dehghani, K.	Structure and properties of nanostructured Cu-13.2Al-5.1Ni shape memory alloy produced by melt spinning	Dehghani, K	Amir Kabir Univ Technol, Dept Min & Met Engr, Tehran, Iran.	dehghani@aut.ac.ir	10	2011	21
22	Zhang Da-tong; Xiong Feng; Zhang Wei-wen; Qiu Cheng; Zhang Wen	Superplasticity of AZ31 magnesium alloy prepared by friction stir processing	张大童	S China Univ Technol, Sch Mech & Automot Engr, Guangzhou 510640, Guangdong, Peoples R China.	dtzhang@scut.edu.cn	10	2011	9
23	Rose, A. Razal; Manisekar, K.; Balasubramanian, V.	Effect of axial force on microstructure and tensile properties of friction stir welded AZ61A magnesium alloy	Rose, AR	Natl Engr Coll, Dept Mech Engr, Ctr Mfg Sci, Kovilpatti 628502, Tamil Nadu, India.	razalrose2007@rediffmail.com	10	2011	21
24	Selvan, S. Anbu; Ramanathan, S.	Hot workability of as-cast and extruded ZE41A magnesium alloy using processing maps	Selvan, SA	Annamalai Univ, Dept Mfg Engr, Annamalaiagar 608002, Tamil Nadu, India.	anbushankari@yahoo.co.in	10	2011	21
25	Xu Jing-jing; Chen Min-dong; Fu De-gang	Preparation of bismuth oxide/titania composite particles and their photocatalytic activity to degradation of 4-chlorophenol	徐晶晶	Nanjing Univ Informat Sci & Technol, Coll Environm Sci & Engr, Jiangsu Key Lab Atmospher Environm Monitoring & P, Nanjing 210044, Peoples R China.	xujj@seu.edu.cn	10	2011	2
26	Zhao Zu-de; Chen Qiang; Yang Lin; Shu Da-yu; Zhao	Microstructure and mechanical properties of Mg-Zn-Y-Zr alloy prepared	陈强	SW Tech & Engr Inst, Chongqing 400039, Peoples R China.	2009chenqiang@163.com	10	2011	2

	Zhi-xiang	by solid state recycling						
27	Li Yu; Lei Ying; Zhang Li-bo; Peng Jin-hui; Li Chang-long	Microwave drying characteristics and kinetics of ilmenite	彭金辉	Kunming Univ Sci & Technol, Key Lab Unconvent Met, Minist Educ, Fac Met & Energy Engn, Kunming 650093, Peoples R China.	jhpeng_ok@yeah.net	10	2011	1
28	Xia Da-hai; Song Shi-zhe; Wang Ji-hui; Bi Hui-chao; Jiang Yu-xuan; Han Zhe-wen	Corrosion behavior of tinplate in NaCl solution	王吉会	Tianjin Univ, Sch Mat Sci & Engn, Tianjin 300072, Peoples R China.	jhwang@tju.edu.cn	14	2012	3
29	Zhu Hui-na; Yuan Xing-zhong; Zeng Guang-ming; Jiang Min; Liang Jie; Zhang Chang; Yin Juan; Huang Hua-jun; Liu Zhi-feng; Jiang Hong-wei	Ecological risk assessment of heavy metals in sediments of Xiawan Port based on modified potential ecological risk index	袁兴中	Hunan Univ, Coll Environm Sci & Engn, Changsha 410082, Hunan, Peoples R China.	yxz@hnu.edu.cn	13	2012	6
30	Wang Hui; Luo Ying-bing; Friedman, Peter; Chen Ming-he; Gao Lin	Warm forming behavior of high strength aluminum alloy AA7075	王辉	Nanjing Univ Aeronaut & Astronaut, Coll Mech & Elect Engn, Nanjing 210016, Peoples R China.	wh312a@hotmail.com	12	2012	1
31	Li Jing-wei; Guo Zhan-cheng; Tang Hui-qing; Wang Zhi; Sun Shi-tong	Si purification by solidification of Al-Si melt with super gravity	郭占成	Univ Sci & Technol Beijing, State Key Lab Adv Met, Beijing 100083, Peoples R China.	zcguo@metall.ustb.edu.cn	11	2012	4
32	Mazahery, Ali; Shabani, Mohsen Ostad	Characterization of cast A356 alloy reinforced with nano SiC composites	Shabani, MO	Islamic Azad Univ, Hashtgerd Branch, Hashtgerd, Iran.	vahid_ostadshabany@yahoo.com	11	2012	2
33	Xia Le-xian; Tang Lu; Xia Jin-lan; Yin Chu; Cai Li-yuan; Zhao Xiao-juan; Nie Zhen-Yuan; Liu Jian-She; Qiu Guan-Zhou	Relationships among bioleaching performance, additional elemental sulfur, microbial population dynamics and its energy metabolism in bioleaching of chalcopyrite	夏乐先	Cent S Univ, Sch Minerals Proc & Bioengn, Changsha 410083, Peoples R China.	xialex888@163.com	11	2012	1
34	Feng Ning-chuan; Guo Xue-yi	Characterization of adsorptive capacity and mechanisms on adsorption of copper, lead and zinc by modified orange peel	郭学益	Cent S Univ, Sch Met Sci & Engn, Changsha 410083, Peoples R China.	xyguo@mail.csu.edu.cn	10	2012	5

35	Sheng Li-yuan; Xi Ting-fei; Lai Chen; Guo Jian-ting; Zheng Yu-feng	Effect of extrusion process on microstructure and mechanical properties of Ni3Al-B-Cr alloy during self-propagation high-temperature synthesis	盛立远	PKU HKUST Shenzhen Hong Kong Inst, Shenzhen 518057, Peoples R China.	lysheng@yeah.net	10	2012	3
36	Venugopal, A.; Panda, Rajiv; Manwatkar, Sushant; Sreekumar, K.; Krishna, L. Rama; Sundararajan, G.	Effect of micro arc oxidation treatment on localized corrosion behaviour of AA7075 aluminum alloy in 3.5% NaCl solution	Venugopal, A	Vikram Sarabhai Space Ctr, Mat & Met Grp, Mat Characterizat Div, Thiruvananthapuram 695022, Kerala, India.	arjun_venu@hotmail.com	10	2012	3
37	Dong Long-jun; Li Xi-bing	Three-dimensional analytical solution of acoustic emission or microseismic source location under cube monitoring network	董陇军	Cent S Univ, Sch Resources & Safety Engr, Changsha 410083, Peoples R China.	csudlj@163.com	9	2012	12
38	Wu Cheng-you; Yu Hong-fa; Zhang Hui-fang	Extraction of aluminum by pressure acid-leaching method from coal fly ash	吴成友	Chinese Acad Sci, Qinghai Inst Salt Lake, Xining 810008, Peoples R China.	wuchengyou86@163.com	9	2012	9
39	Peng Guo-sheng; Chen Kang-hua; Chen Song-yi; Fang Hua-chan	Influence of dual retrogression and re-aging temper on microstructure, strength and exfoliation corrosion behavior of Al-Zn-Mg-Cu alloy	陈康华	Cent S Univ, State Key Lab Powder Met, Changsha 410083, Peoples R China.	khchen@mail.csu.edu.cn	9	2012	4
40	Dong, Long-jun; Li, Xi-bing; Peng, Kang	Prediction of rockburst classification using Random Forest	董陇军	Cent S Univ, Sch Resources & Safety Engr, Changsha 410083, Hunan, Peoples R China.	csudlj@163.com	8	2013	2
41	Jia Zhi-hong; Royset, Jostein; Solberg, Jan Ketil; Liu Qing	Formation of precipitates and recrystallization resistance in Al-Sc-Zr alloys	贾志宏	Chongqing Univ, Sch Mat Sci & Engr, Chongqing 400044, Peoples R China.	zhihongjia@cqu.edu.cn	8	2012	8
42	Rajmohan, T.; Palanikumar, K.; Kathirvel, M.	Optimization of machining parameters in drilling hybrid aluminium metal matrix composites	Rajmohan, T	Sri Chandrasekharendra Saraswathi Viswa Maha Vidy, Dept Mech Engr, Kanchipuram 631561, India.	rajmohanscvmv@yahoo.com	8	2012	6
43	Xu Dong; Tang Dong-mei; Jiao Lei; Yuan Hong-ming; Zhao Guo-ping; Cheng	Effects of high-energy ball milling oxide-doped and varistor ceramic powder on ZnO varistor	徐东	Jiangsu Univ, Sch Mat Sci & Engr, Zhenjiang 212013, Peoples R China.	frank@ujs.edu.cn	8	2012	6

	Xiao-nong							
44	Li Jing-yuan; Xie Jian-xin; Jin Jun-bing; Wang Zhi-xiang	Microstructural evolution of AZ91 magnesium alloy during extrusion and heat treatment	李静媛	Beijing Univ Sci & Technol, Sch Mat Sci & Engn, Beijing 100083, Peoples R China.	jerranlee@yahoo.com.cn	8	2012	5
45	Dinaharan, I.; Murugan, N.	Dry sliding wear behavior of AA6061/ZrB2 in-situ composite	Dinaharan, I	Karunya Univ, Dept Mech Engn, Coimbatore 641114, Tamil Nadu, India.	dinaweld2009@gmail.com	8	2012	4
46	Li Hui-zhong; Zeng Min; Liang Xiao-peng; Li Zhou; Liu Yong	Flow behavior and processing map of PM Ti-47Al-2Cr-0.2Mo alloy	李慧中	Cent S Univ, Sch Mat Sci & Engn, Changsha 410083, Peoples R China.	lh606@mail.csu.edu.cn	8	2012	4
47	Jiang Shu-yong; Zhang Yan-qiu	Microstructure evolution and deformation behavior of as-cast NiTi shape memory alloy under compression	江树勇	Harbin Engn Univ, Ind Training Ctr, Harbin 150001, Peoples R China.	jiangshy@sina.com	8	2012	1
48	Lee, Kwang Seok; Kwon, Yong-Nam	Solid-state bonding between Al and Cu by vacuum hot pressing	Lee, KS	Korea Inst Mat Sci, Mat Deformat Dept, 797 Changwondaero, Chang Won 641831, Gyeongnam, South Korea.	ksl1784@kims.re.kr	7	2013	2
49	Jiang, Shu-yong; Zhang, Yan-qiu; Zhao, Ya-nan	Dynamic recovery and dynamic recrystallization of NiTi shape memory alloy under hot compression deformation	江树勇	Harbin Engn Univ, Ind Training Ctr, Harbin 150001, Peoples R China.	jiangshy@sina.com	7	2013	1
50	Pan, Cheng-chi; Banks, Craig E.; Song, Wei-xin; Wang, Chi-wei; Chen, Qi-yuan; Ji, Xiao-bo	Recent development of LiNi _{1-x} CoyMnzO ₂ : Impact of micro/nano structures for imparting improvements in lithium batteries	纪效波	Cent S Univ, Minist Educ, Coll Chem & Chem Engn, Key Lab Resources Chem Nonferrous Met, Changsha 410083, Peoples R China.	xji@csu.edu.cn	7	2013	1
51	Zhang Liang; Wu Guo-hua; Wang Shao-hua; Ding Wen-jiang	Effect of cooling condition on microstructure of semi-solid AZ91 slurry produced via ultrasonic vibration process	吴国华	Shanghai Jiao Tong Univ, Natl Engn Res Ctr Light Alloy Net Forming, Shanghai 200240, Peoples R China.	ghwu@sjtu.edu.cn	7	2012	10
52	Zhu Xiao-min; Yu Jia-kang; Wang Xin-yu	Microstructure and properties of Al/Si/SiC composites for electronic packaging	于家康	NW Polytech Univ, State Key Lab Solidificat Proc, Xian 710072, Peoples R China.	jkyu@nwpu.edu.cn	7	2012	7
53	Tang Jian-guo; Chen Hui; Zhang Xin-ming; Liu Sheng-dan; Liu Wen-jun;	Influence of quench-induced precipitation on aging behavior of Al-Zn-Mg-Cu alloy	张新明	Cent S Univ, Sch Mat Sci & Engn, Changsha 410083, Hunan, Peoples R China.	xmzhang_cn@yahoo.cn	7	2012	6

	Ouyang Hui; Li Hong-ping							
54	Wu Chuan-song; Zhang Wen-bin; Shi Lei; Chen Mao-ai	Visualization and simulation of plastic material flow in friction stir welding of 2024 aluminium alloy plates	武传松	Shandong Univ, Minist Educ, Key Lab Liquid Solid Struct Evolut & Proc Mat, Jinan 250061, Peoples R China.	wucs@sdu.edu.cn	7	2012	6
55	Jiang Ju-fu; Lin Xin; Wang Ying; Qu Jian-jun; Luo Shou-jing	Microstructural evolution of AZ61 magnesium alloy predeformed by ECAE during semisolid isothermal treatment	姜巨福	Harbin Inst Technol, Sch Mat Sci & Engr, Harbin 150001, Peoples R China.	jiangjufu@hit.edu.cn	7	2012	3
56	Chen Yu-hua; Ni Quan; Ke Li-ming	Interface characteristic of friction stir welding lap joints of Ti/Al dissimilar alloys	陈玉华	Nanchang Hangkong Univ, Natl Def Key Disciplines Lab Light Alloy Proc Sci, Nanchang 330063, Peoples R China.	ch.yu.hu@163.com	7	2012	2
57	Kumar, Rajneesh; Singh, Kanwer; Pandey, Sunil	Process forces and heat input as function of process parameters in AA5083 friction stir welds	Kumar, R	Natl Met Lab, Div Engr, Jamshedpur 831007, Bihar, India.	rkgupta@nmlindia.org	7	2012	2
58	Li Xing-bin; Wei Chang; Wu Jun; Li Cun-xiong; Li Min-ting; Deng Zhi-gan; Xu Hong-sheng	Thermodynamics and mechanism of vanadium(IV) extraction from sulphate medium with D2EHPA, EHEHPA and CYANEX 272 in kerosene	魏昶	Kunming Univ Sci & Technol, Fac Met & Energy Engr, Kunming 650093, Peoples R China.	weichang2008@sina.com	7	2012	2
59	Yang Guang-bin; Chai Shan-tao; Xiong Xiu-juan; Zhang Sheng-mao; Yu Lai-gui; Zhang Ping-yu	Preparation and tribological properties of surface modified Cu nanoparticles	张平余	Henan Univ, Key Lab, Minist Educ Special Funct Mat, Kaifeng 475004, Peoples R China.	pingyu@henu.edu.cn	7	2012	2
60	Feng Yue-bin; Yang Bin; Dai Yong-nian	Carbothermal reduction-chlorination-disproportionation of alumina in vacuum	杨斌	Kunming Univ Sci & Technol, Fac Met & Energy Engr, Natl Engr Lab Vacuum Met, Kunming 650093, Peoples R China.	kgyb2005@126.com	7	2012	1
61	Sheng, Li-yuan; Yang, Fang; Xi, Ting-fei; Zheng, Yu-feng; Guo, Jian-ting	Microstructure and room temperature mechanical properties of NiAl-Cr(Mo)-(Hf, Dy) hypoeutectic alloy prepared by injection casting	盛立远	Peking Univ, Shenzhen Inst, Shenzhen 518057, Peoples R China.	lysheng@yeah.net	6	2013	4
62	Quan, Guo-zheng; Wang, Feng-biao; Liu, Ying-ying;	Evaluation of varying ductile fracture criterion for 7075 aluminum alloy	权国政	Chongqing Univ, Sch Mat Sci & Engr, Chongqing 400044, Peoples R China.	quanz_2006@yahoo.com.cn	6	2013	3

	Shi, Yu; Zhou, Jie							
63	Jiang Lan; Jiang Yan-li; Yu Liang; Su Nan; Ding You-dong	Thermal analysis for brake disks of SiC/6061 Al alloy co-continuous composite for CRH3 during emergency braking considering airflow cooling	姜澜	Northeastern Univ, Sch Met & Mat, Shenyang 110819, Peoples R China.	jianl@smm.neu.edu.cn	6	2012	11
64	Chen Bing-di; Peng Cheng-xin; Cui Zheng	Ultrasonic synthesis of CoO/graphene nanohybrids as high performance anode materials for lithium-ion batteries	彭成信	Tongji Univ, Sch Mat Sci & Engn, Shanghai 201804, Peoples R China.	pchxxm@126.com	6	2012	10
65	Tao Jie; Deng Jie; Dong Xiang; Zhu Hong; Tao Hai-jun	Enhanced photocatalytic properties of hierarchical nanostructured TiO ₂ spheres synthesized with titanium powders	陶杰	Nanjing Univ Aeronaut & Astronaut, Coll Mat Sci & Technol, Nanjing 210016, Jiangsu, Peoples R China.	taojie@nuaa.edu.cn	6	2012	8
66	Feng Shu-rong; Tang Hai-bo; Zhang Shu-quan; Wang Hua-ming	Microstructure and wear resistance of laser clad TiB-TiC/TiNi-Ti ₂ Ni intermetallic coating on titanium alloy	汤海波	Beihang Univ, Sch Mat Sci & Engn, Beijing 100191, Peoples R China.	tanghb@buaa.edu.cn	6	2012	7
67	Yue Qiang; Wang He-ming; Lu Zhong-wu	Quantitative estimation of social stock for metals Al and Cu in China	岳强	Northeastern Univ, State Environm Protect Key Lab Ecoind, Shenyang 110819, Peoples R China.	yueq@smm.neu.edu.cn	6	2012	7
68	He Yun-bin; Pan Qing-lin; Chen Qin; Zhang Zhi-ye; Liu Xiao-yan; Li Wen-bin	Modeling of strain hardening and dynamic recrystallization of ZK60 magnesium alloy during hot deformation	潘清林	Cent S Univ, Sch Mat Sci & Engn, Changsha 410083, Hunan, Peoples R China.	pql@csu.edu.cn	6	2012	2
69	Ji Feng; Xue Song-bai; Lou Ji-yuan; Lou Yin-bin; Wang Shui-qing	Microstructure and properties of Cu/Al joints brazed with Zn-Al filler metals	薛松柏	Nanjing Univ Aeronaut & Astronaut, Sch Mat Sci & Technol, Nanjing 210016, Jiangsu, Peoples R China.	xuesb@nuaa.edu.cn	6	2012	2
70	Li Hai-xin; He Peng; Lin Tie-song; Pan Feng; Feng Ji-cai; Huang Yu-dong	Microstructure and shear strength of reactive brazing joints of TiAl/Ni-based alloy	林铁松	Harbin Inst Technol, State Key Lab Adv Welding & Joining, Harbin 150001, Peoples R China.	hitjoining@hit.edu.cn	6	2012	2
71	Chen Song-yi; Chen Kang-hua; Peng Guo-sheng; Liang Xin; Chen Xue-hai	Effect of quenching rate on microstructure and stress corrosion cracking of 7085 aluminum alloy	陈康华	Cent S Univ, State Key Lab Powder Met, Changsha 410083, Peoples R China.	khchen@csu.edu.cn	6	2012	1
72	Liu Qing-ming; Zhou De-bi; Yamamoto, Yuya; Ichino,	Preparation of Cu nanoparticles with NaBH ₄ by aqueous reduction method	刘清明	Cent S Univ, Sch Chem & Chem Engn, Changsha 410083, Peoples R China.	luisman@126.com	6	2012	1

	Ryoichi; Okido, Masazumi							
73	Yu, Hui; Yu, Hua-shun; Kim, Young-min; You, Bong-sun; Min, Guang-hui	Hot deformation behavior and processing maps of Mg-Zn-Cu-Zr magnesium alloy	Kim, YM	Korea Inst Mat Sci, Light Met Grp, Chang Won 642831, South Korea.	ymkim@kims.re.kr	5	2013	3
74	Cai, Bin; Tan, Ye-fa; He, Long; Tan, Hua; Wang, Xiao-long	Tribological behavior and mechanisms of graphite/CaF ₂ /TiC/Ni-base alloy composite coatings	谭业发	PLA Univ Sci & Technol, Coll Field Engr, Nanjing 210007, Jiangsu, Peoples R China.	tanyefa7651@163.com	5	2013	2
75	Chen, Song-yi; Chen, Kang-hua; Jia, Le; Peng, Guo-sheng	Effect of hot deformation conditions on grain structure and properties of 7085 aluminum alloy	陈康华	Cent S Univ, State Key Lab Powder Met, Changsha 410083, Peoples R China.	khchen@mail.csu.edu.cn	5	2013	2
76	Shen, Bin; Sun, Fang-hong; Zhang, Zhi-ming; Shen, He-sheng; Guo, Song-shou	Application of ultra-smooth composite diamond film coated WC-Co drawing dies under water-lubricating conditions	沈斌	Shanghai Jiao Tong Univ, Sch Mech Engr, Shanghai 200240, Peoples R China.	binshen@sjtu.edu.cn	5	2013	1
77	Yang Xin; Su Zhe-an; Huang Qi-zhong; Chai Li-yuan	Preparation and oxidation resistance of mullite/SiC coating for carbon materials at 1150 degrees C	黄启中	Cent S Univ, State Key Lab Powder Met, Changsha 410083, Peoples R China.	qzhuang@csu.edu.cn	5	2012	12
78	Cui Xue-jun; Liu Chun-hai; Yang Rui-song; Li Ming-tian; Lin Xiu-zhou; Gong Min	Phosphate film free of chromate, fluoride and nitrite on AZ31 magnesium alloy and its corrosion resistance	崔学军	Sichuan Univ Sci & Engr, Mat Corros & Protect Key Lab Sichuan Prov, Zigong 643000, Peoples R China.	cxj_2046@163.com	5	2012	11
79	Liu Zhi-xiong; Yin Zhou-lan; Hu Hui-ping; Chen Qi-yuan	Leaching kinetics of low-grade copper ore containing calcium-magnesium carbonate in ammonia-ammonium sulfate solution with persulfate	尹周澜	Cent S Univ, Sch Chem & Chem Engr, Changsha 410083, Peoples R China.	yzllxh@gmail.com	5	2012	11
80	Chen Han; Feng Fan; Hu Zhong-liang; Liu Fu-sheng; Gong Wen-qiang; Xiang Kai-xiong	Preparation of uniform flower-like CuO and flower-like CuO/graphene composite and their application in lithium ion batteries	陈 晗	Hunan Univ Technol, Coll Met Engr, Zhuzhou 412000, Peoples R China.	lzdxn@yahoo.com.cn	5	2012	10
81	Zeng Wen; Miao Bin; Lin Li-yang; Xie Jin-yue	Facile synthesis of NiO nanowires and their gas sensing performance	曾 文	Chongqing Univ, Coll Mat Sci & Engr, Chongqing 400044, Peoples R China.	wenzeng@cqu.edu.cn	5	2012	s1

82	Phetsinorath, Stephane; Zou Jian-xin; Zeng Xiao-qin; Sun Hai-quan; Ding Wen-jiang	Preparation and hydrogen storage properties of ultrafine pure Mg and Mg-Ti particles	邹建新	Shanghai Jiao Tong Univ, Natl Engr Res Ctr Light Alloy Net Forming, Shanghai Engr Res Ctr Mg Mat & Applicat, Shanghai 200240, Peoples R China.	zoujx@sjtu.edu.cn	5	2012	8
83	Xu Li-ping; Zhang Er-lin; Yang Ke	Biocorrosion property and cytocompatibility of calcium phosphate coated Mg alloy	徐丽萍	Guangzhou Res Inst Nonferrous Met, Guangzhou 510650, Guangdong, Peoples R China.	lipingxu2008@gmail.com	5	2012	8
84	Ying Tao; Huang Jian-ping; Zheng Ming-yi; Wu Kun	Influence of secondary extrusion on microstructures and mechanical properties of ZK60 Mg alloy processed by extrusion and ECAP	郑明毅	Harbin Inst Technol, Sch Mat Sci & Engr, Harbin 150001, Peoples R China.	zhenghe@hit.edu.cn	5	2012	8
85	Zhou Xiao-wei; Shen Yi-fu; Jin Hui-ming; Zheng Ying-ying	Microstructure and depositional mechanism of Ni-P coatings with nano-ceria particles by pulse electrodeposition	沈以赴	Nanjing Univ Aeronaut & Astronaut, Coll Mat Sci & Technol, Nanjing 210016, Jiangsu, Peoples R China.	Yifushen@nuaa.edu.cn	5	2012	8
86	Chen Jun; Yan Feng-yuan	Tribocorrosion behaviors of Ti-6Al-4V and Monel K500 alloys sliding against 316 stainless steel in artificial seawater	阎逢元	Chinese Acad Sci, State Key Lab Solid Lubricat, Lanzhou Inst Chem Phys, Lanzhou 730000, Peoples R China.	fyyan0106@yahoo.cn	5	2012	6
87	Li Xia-wei; Zhang Da-tong; Qiu Cheng; Zhang Wen	Microstructure and mechanical properties of dissimilar pure copper/1350 aluminum alloy butt joints by friction stir welding	张大童	S China Univ Technol, Natl Engr Res Ctr Near Net Shape Forming Metall M, Sch Mech & Automot Engr, Guangzhou 510640, Guangdong, Peoples R China.	dtzhang@scut.edu.cn	5	2012	6
88	Nong Zhi-sheng; Zhu Jing-chuan; Yu Hai-ling; Lai Zhong-hong	First principles calculation of intermetallic compounds in FeTiCoNiVCrMnCuAl system high entropy alloy	朱景川	Harbin Inst Technol, Sch Mat Sci & Engr, Harbin 150001, Peoples R China.	zhujc1@gmail.com	5	2012	6
89	Yang Miao; Xiao Xi-yuan; Miao Xu-feng; Guo Zhao-hui; Wang Feng-yong	Effect of amendments on growth and metal uptake of giant reed (Arundo donax L.) grown on soil contaminated by	肖细元	Cent S Univ, Sch Met Sci & Engr, Changsha 410083, Hunan, Peoples R China.	xiaoxy@csu.edu.cn	5	2012	6

		arsenic, cadmium and lead						
90	Gu Guo-hua; Sun Xiao-jun; Hu Ke-ting; Li Jian-hua; Qiu Guan-zhou	Electrochemical oxidation behavior of pyrite bioleaching by Acidithiobacillus ferrooxidans	顾帼华	Cent S Univ, Sch Minerals Proc & Bioengn, Changsha 410083, Peoples R China.	guguohua@126.com	5	2012	5
91	Tan Jun; Zhou Zhang-jian; Zhu Xiao-peng; Guo Shuang-quan; Qu Dan-dan; Lei Ming-kai; Ge Chang-chun	Evaluation of ultra-fine grained tungsten under transient high heat flux by high-intensity pulsed ion beam	周张健	Univ Sci & Technol Beijing, Sch Mat Sci & Engn, Beijing 100083, Peoples R China.	zhouzhj@mater.ustb.ed u.cn	5	2012	5
92	Wang De-yin; Song Yong-cai; Li Yong-qiang	Effect of composition and structure on specific resistivity of SiC fibers	宋永才	Natl Univ Def Technol, State Key Lab Novel Ceram Fibers & Composites, Changsha 410073, Hunan, Peoples R China.	songyongcai@yahoo.c om.cn	5	2012	5
93	Chen Run-hua; Chai Li-yuan; Wang Yun-yan; Liu Hui; Shu Yu-de; Zhao Jing	Degradation of organic wastewater containing Cu-EDTA by Fe-C micro-electrolysis	王云燕	Cent S Univ, Sch Met Sci & Engn, Changsha 410083, Peoples R China.	wyy@csu.edu.cn	5	2012	4
94	Cui Ren-jie; Tang Xiao-xia; Gao Ming; Zhang Hu; Gong Sheng-kai	Thermodynamic analysis of interactions between Ti-Al alloys and oxide ceramics	张虎	Beihang Univ, Sch Mat Sci & Engn, Key Lab Aerosp Mat & Performance, Minist Educ, Beijing 100191, Peoples R China.	zhanghu@buaa.edu.cn	5	2012	4
95	Jia Zhi-gang; Peng Kuan-kuan; Li Yan-hua; Zhu Rong-sun	Preparation and photocatalytic performance of porous ZnO microrods loaded with Ag	贾志刚	Anhui Univ Technol, Sch Chem & Chem Engn, Maanshan 243002, Peoples R China.	zjchemyue@126.com	5	2012	4
96	Khayati, Gholam Reza; Janghorban, Kamal; Shariat, Mohamad Hosein	Isothermal kinetics of mechanochemically and thermally synthesized Ag from Ag ₂ O	Khayati, GR	Shahid Bahonar Univ Kerman, Dept Mat Sci & Engn, Kerman, Iran.	khayati@shirazu.ac.ir	5	2012	4
97	Chen Rui-run; Ding Hong-sheng; Yang Jie-ren; Huang Feng; Su Yan-qing; Guo Jing-jie; Fu Heng-zhi	Temperature field calculation on cold crucible continuous melting and directional solidifying Ti50Al alloys	陈瑞润	Harbin Inst Technol, Sch Mat Sci & Engn, Harbin 150001, Peoples R China.	ruirunchen@hit.edu.cn	5	2012	3
98	Huang Ming-li; Li Hong-xiao; Ding Hua; Bao Li; Ma Xiao-bin; Hao	Intermetallics and phase relations of Mg-Zn-Ce alloys at 400 degrees C	黄明丽	Northeastern Univ, Sch Met & Mat, Shenyang 110004, Peoples R China.	mingli_huang@126.co m	5	2012	3

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99	Wang Jin; Liu Xiao-min; Yang Hui	Synthesis and electrochemical properties of highly dispersed Li ₄ Ti ₅ O ₁₂ nanocrystalline for lithium secondary batteries	杨 晖	Natl Engr Res Ctr Nanotechnol, Shanghai 200241, Peoples R China.	lxm3799@yahoo.com; yanghui@njut.edu.cn	5	2012	3
100	Guo Xian-zhi; Kang Yan-fei; Yang Tai-li; Wang Shu-rong	Low-temperature NO ₂ sensors based on polythiophene/WO ₃ organic-inorganic hybrids	王淑荣	Nankai Univ, Dept Chem, Key Lab Adv Energy Mat Chem MOE, TKL Metal & Mol Based Mat Chem, Tianjin 300071, Peoples R China.	shrwang@nankai.edu.cn	5	2012	2
101	Li Pei-yue; Xiong Bai-qing; Zhang Yong-an; Li Zhi-hui; Zhu Bao-hong; Wang Feng; Liu Hong-wei	Quench sensitivity and microstructure character of high strength AA7050	李培跃	Luoyang Ship Mat Res Inst, Luoyang 471003, Peoples R China.	lpy110015@163.com	5	2012	2
102	Xu Jie; Yang He; Li Heng; Zhan Mei	Significance-based optimization of processing parameters for thin-walled aluminum alloy tube NC bending with small bending radius	杨合	NW Polytech Univ, State Key Lab Solidificat Proc, Sch Mat Sci & Engr, Xian 710072, Peoples R China.	yanghe@nwpu.edu.cn	5	2012	1
103	Yang Jie-ren; Chen Rui-run; Ding Hong-sheng; Su Yan-qing; Huang Feng; Guo Jing-jie; Fu Heng-zhi	Numerical calculation of flow field inside TiAl melt during rectangular cold crucible directional solidification	陈瑞润	Harbin Inst Technol, Sch Mat Sci & Engr, Harbin 150001, Peoples R China.	ruirunchen@hit.edu.cn	5	2012	1
104	Yin Zhi-qiang; Li Xi-bing; Jin Jie-fang; He Xian-qun; Du Kun	Failure characteristics of high stress rock induced by impact disturbance under confining pressure unloading	李夕兵	Cent S Univ, Sch Resources & Safety Engr, Changsha 410083, Peoples R China.	xbli@mail.csu.edu.cn	5	2012	1