

## 《中国有色金属学报（英文版）》2018年优秀论文奖励名单公示

在中国科协、中国有色金属学会和中南大学的正确领导下，在中国科协等六部委联合组织实施的“中国科技期刊国际影响力提升计划”项目资助下，在广大作者、审稿专家和读者的大力支持下，《中国有色金属学报(英文版)》(Transactions of Nonferrous Metals Society of China)近年来的期刊评价指标和学术影响力不断提高。

为了感谢广大作者对本刊的支持与厚爱，在“中国科技期刊国际影响力提升计划”项目资助下，编辑部决定对2013—2016年发表在本刊的优秀论文进行奖励。优秀论文评审标准主要以年度发表论文在Web of Science中的总被引频次(截止至2018年6月30日)排序，分别设立不同奖励等级，每年度奖励约25篇论文，4年共计100篇。设特等奖10篇，一等奖30篇，二等奖60篇。

奖励名单见附件。

特此公示，公示时间为2018年10月24日—2018年11月4日。

近期将举行奖励表彰大会，敬请各位获奖作者出席。希望获奖作者再接再厉，继续将优秀科研成果发表在《中国有色金属学报（英文版）》上，关心关注刊物的发展进步，共同打造有色金属行业的高水平学术交流平台。

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《中国有色金属学报（英文版）》编辑部

2018年10月24日

《中国有色金属学报（英文版）》2018年优秀论文奖励名单

序号	标题	作者	出版年	卷	期	起始 页面	结束 页面	奖励 等级
1	Environmental availability and ecological risk assessment of heavy metals in zinc leaching	Min, Xiao-bo; Xie, Xian-de; Chai, Li-yuan; Liang, Yan-jie; Li, Mi; Ke, Yong	2013	23	1	208	218	特等奖
2	Effects of nano-additive TiO <sub>2</sub> on performance of micro-arc oxidation coatings formed on 6063 aluminum alloy	Li, Hong-xia; Song, Ren-guo; Ji, Zhen-guo	2013	23	2	406	411	特等奖
3	Subsidence prediction method based on equivalent mining height theory for solid	Guo, Guang-li; Zhu, Xiao-jun; Zha, Jian-feng; Wang, Qiang	2014	24	10	3302	3308	特等奖
4	Effect of cooling rate on solidification parameters and microstructure of Al-7Si-	Chen, Rui; Shi, Yu-feng; Xu, Qing-yan; Liu, Bai-cheng	2014	24	6	1645	1652	特等奖
5	Preparation and photocatalytic performance of Cu-doped TiO <sub>2</sub> nanoparticles	Yang, Xi-jia; Wang, Shu; Sun, Hai-ming; Wang, Xiao-bing; Lian, Jian-she	2015	25	2	504	509	特等奖
6	Sliding wear behavior of copper-based composites reinforced with graphene	Li, Jing-fu; Zhang, Lei; Xiao, Jin-kun; Zhou, Ke-chao	2015	25	10	3354	3362	特等奖
7	Three-dimensional analytical solution of acoustic emission source location for cuboid monitoring network without	Dong, Long-jun; Li, Xi-bing; Zhou, Zi-long; Chen, Guang-hui; Ma, Ju	2015	25	1	293	302	特等奖
8	Corrosion resistance of cerium-doped zinc calcium phosphate chemical conversion coatings on AZ31 magnesium alloy	Zeng, Rong-chang; Hu, Yan; Zhang, Fen; Huang, Yuan-ding; Wang, Zhen-lin; Li, Shuo-qi; Han, En-hou	2016	26	2	472	483	特等奖
9	Effects of current density on microstructure and properties of plasma electrolytic oxidation ceramic coatings formed on 6063 aluminum alloy	Xiang, Nan; Song, Ren-guo; Zhuang, Jun-jie; Song, Ruo-xi; Lu, Xiao-ya; Su, Xu-ping	2016	26	3	806	813	特等奖
10	Corrosion and wear behaviors of PVD CrN and CrSiN coatings in seawater	Shan, Lei; Zhang, Yang-rong; Wang, Yong-xin; Li, Jin-long; Jiang, Xin; Chen, Jian-min	2016	26	1	175	184	特等奖
11	Effect of Si on growth kinetics of intermetallic compounds during reaction between solid iron and molten aluminum	Yin, Fu-cheng; Zhao, Man-xiu; Liu, Yong-xiong; Han, Wei; Li, Zhi	2013	23	2	556	561	一等奖
12	Prediction of rockburst classification using Random	Dong, Long-jun; Li, Xi-bing; Peng, Kang	2013	23	2	472	477	一等奖

13	Formation condition of solid solution type high-entropy alloy	Ren, Ming-xing; Li, Bang-sheng; Fu, Heng-zhi	2013	23	4	991	995	一等奖
14	A review on in vitro corrosion performance test of biodegradable metallic	Zhen, Zhen; Xi, Ting-fei; Zheng, Yu-feng	2013	23	8	2283	2293	一等奖
15	Thermal modeling of underwater friction stir welding of high strength aluminum	Zhang, Hui-jie; Liu, Hui-jie; Yu, Lei	2013	23	4	1114	1122	一等奖
16	Dynamic recovery and dynamic recrystallization of NiTi shape memory alloy under hot compression deformation	Jiang, Shu-yong; Zhang, Yan-qiu; Zhao, Ya-nan	2013	23	1	140	147	一等奖
17	Synthesis of Li <sup>+</sup> adsorbent (H <sub>2</sub> TiO <sub>3</sub> ) and its adsorption properties	Shi, Xi-chang; Zhang, Zhi-bing; Zhou, Ding-fang; Zhang, Li-fen; Chen, Bai-zhen; Yu, Liang-liang	2013	23	1	253	259	一等奖
18	Adsorption behavior and adsorption mechanism of Cu(II) ions on amino-functionalized	Li, Hui; Xiao, De-li; He, Hua; Lin, Rui; Zuo, Peng-li	2013	23	9	2657	2665	一等奖
19	Effects of surface nanocrystallization on corrosion resistance of beta-	Jin, Lei; Cui, Wen-fang; Song, Xiu; Liu, Gang; Zhou, Lian	2014	24	8	2529	2535	一等奖
20	Research and prospect on extraction of vanadium from vanadium slag by liquid oxidation technologies	Wang, Zhong-hang; Zheng, Shi-li; Wang, Shaona; Liu, Biao; Wang, Dawei; Du, Hao; Zhang, Yi	2014	24	5	1273	1288	一等奖
21	Boron removal in purifying metallurgical grade silicon by CaO-SiO <sub>2</sub> slag refining	Wu, Ji-jun; Li, Yan-long; Ma, Wen-hui; Wei, Kui-xian; Yang, Bin; Dai, Yong-nian	2014	24	4	1231	1236	一等奖
22	Mineral cleavage nature and surface energy: Anisotropic surface broken bonds	Gao, Zhi-yong; Sun, Wei; Hu, Yue-hua	2014	24	9	2930	2937	一等奖
23	Optical properties and photocatalytic activity of Nd-doped ZnO powders	Zhao, Zhen; Song, Ji-ling; Zheng, Jia-hong; Lian, Jian-she	2014	24	5	1434	1439	一等奖
24	Corrosion resistance of Fe-based amorphous metallic matrix coating fabricated by	Wang, Shan-lin; Cheng, Jing-chang; Yi, Seong-Hoon; Ke, Li-ming	2014	24	1	146	151	一等奖
25	Effect of carbon on microstructures of Ti-45Al-3Fe-2Mo-xC alloy	Zhou, Can-xu; Liu, Bin; Liu, Yong; Qiu, Cong-zhang; He, Yue-hui	2014	24	6	1730	1736	一等奖
26	Effects of Fe-Al intermetallic compounds on interfacial bonding of clad materials	Wang, Qian; Leng, Xue-song; Yang, Tian-hao; Yan, Jiu-chun	2014	24	1	279	284	一等奖

27	Influence of nano-SiC on microstructure and property of MAO coating formed on AZ91D magnesium alloy	Wang, Shu-yan; Si, Nai-chao; Xia, Yong-ping; Liu, Li	2015	25	6	1926	1934	一等奖
28	Behaviors of vanadium and chromium in coal-based direct reduction of high-chromium vanadium-bearing titanomagnetite concentrates	Zhao, Long-sheng; Wang, Li-na; Chen, De-sheng; Zhao, Hong-xin; Liu, Ya-hui; Qi, Tao	2015	25	4	1325	1333	一等奖
29	Solvent extraction of rubidium and cesium from salt lake brine with t-BAMBP-kerosene	Liu, Shi-ming; Liu, He-hui; Huang, Yun-jing; Yang, Wei-jun	2015	25	1	329	334	一等奖
30	Oxidation roasting of molybdenite concentrate	Wang, Lu; Zhang, Guo-hua; Dang, Jie; Chou, Kuo-chih	2015	25	12	4167	4174	一等奖
31	Fabrication and characterization of electrodeposited	Ma, Li; Zhang, Long; Li, Xiao-bing; Li, Zhi-you; Zhou, Ke-chao	2015	25	1	146	153	一等奖
32	Effects of cold rolling and heat treatment on microstructure and mechanical properties of AA 5052 aluminum alloy	Wang, Bo; Chen, Xian-hua; Pan, Fu-sheng; Mao, Jian-jun; Fang, Yong	2015	25	8	2481	2489	一等奖
33	Effects of processing parameters on microstructure and mechanical properties of powder-thixoforged 6061	Chen, Yu-shi; Chen, Ti-jun; Zhang, Su-qing; Li, Pu-bo	2015	25	3	699	712	一等奖
34	Corrosion resistance of in-situ Mg-Al hydrotalcite conversion film on AZ31 magnesium alloy by one-step formation	Zeng, Rong-chang; Liu, Zhen-guo; Zhang, Fen; Li, Shuo-qi; He, Qing-kun; Cui, Hong-zhi; Han, En-hou	2015	25	6	1917	1925	一等奖
35	Comparison of mechanical properties in high temperature and thermal treatment granite	Yin, Tu-bing; Shu, Rong-hua; Li, Xi-bing; Wang, Pin; Liu, Xi-ling	2016	26	7	1926	1937	一等奖
36	Dynamic experiments on flocculation and sedimentation of argillized ultrafine tailings using fly-ash-based magnetic	Li, Shuai; Wang, Xin-min; Zhang, Qin-li	2016	26	7	1975	1984	一等奖
37	Microstructure and mechanical properties of pulsed laser welded Al/steel dissimilar joint	Yang, Jin; Li, Yu-long; Zhang, Hua	2016	26	4	994	1002	一等奖
38	Structure and corrosion resistance of modified micro-arc oxidation coating on	Cui, Xue-jun; Yang, Rui-song; Liu, Chun-hai; Yu, Zu-xiao; Lin, Xiu-zhou	2016	26	3	814	821	一等奖
39	Hot deformation behavior of high Ti 6061 Al alloy	Chen, Wei; Guan, Ying-ping; Wang, Zhen-hua	2016	26	2	369	377	一等奖

40	Arc erosion behaviors of AgSnO <sub>2</sub> contact materials prepared with different SnO <sub>2</sub>	Zhang, Miao; Wang, Xian-hui; Yang, Xiao-hong; Zou, Jun-tao; Liang, Shu-	2016	26	3	783	790	一等奖
41	Influence of solution temperature on corrosion resistance of Zn-Ca phosphate conversion coating on biomedical Mg-Li-Ca alloys	Zeng, Rong-chang; Sun, Xin-xin; Song, Ying-wei; Zhang, Fen; Li, Shuo-qi; Cui, Hong-zhi; Han, En-hou	2013	23	11	3293	3299	二等奖
42	Mechanical properties of porous titanium with different distributions of pore size	Wang, Xiao-hua; Li, Jin-shan; Hu, Rui; Kou, Hong-chao; Zhou, Lian	2013	23	8	2317	2322	二等奖
43	Corrosion and electrochemical behavior of Mg-Y alloys in 3.5% NaCl solution	Zhang, Xin; Li, Yong-jun; Zhang, Kui; Wang, Chang-shun; Li, Hong-wei; Ma, Ming-long; Zhang, Bao-dong	2013	23	5	1226	1236	二等奖
44	Flexible-die forming process with solid granule medium on	Dong, Guo-jiang; Zhao, Chang-cai; Cao, Miao-yan	2013	23	9	2666	2677	二等奖
45	Surface energies and appearances of commonly exposed surfaces of scheelite	Gao, Zhi-yong; Sun, Wei; Hu, Yue-hua; Liu, Xiao-wen	2013	23	7	2147	2152	二等奖
46	Kinetics analysis of decomposition of vanadium slag by KOH sub-molten salt method	Liu, Hui-bin; Du, Hao; Wang, Da-wei; Wang, Shao-na; Zheng, Shi-li; Zhang, Yi	2013	23	5	1489	1500	二等奖
47	Effective adsorption of sulfate ions with poly(m-phenylenediamine) in aqueous solution and its adsorption	Sang, Pei-lun; Wang, Yun-yan; Zhang, Li-yuan; Chai, Li-yuan; Wang, Hai-ying	2013	23	1	243	252	二等奖
48	Leaching of heavy metals from Dexing copper mine tailings pond	Guo, Yao-guang; Huang, Peng; Zhang, Wu-gang; Yuan, Xue-wu; Fan, Feng-xia; Wang, Huan-li; Liu, Jian-she; Wang, Zhao-hui	2013	23	10	3068	3075	二等奖
49	Phase transitions, micro-morphology and its oxidation mechanism in oxidation of	Xiao, Wei; Lu, Xiong-gang; Zou, Xing-li; Wei, Xue-mei; Ding, Wei-zhong	2013	23	8	2439	2445	二等奖
50	Biosorption of copper(II) from aqueous solution by Bacillus subtilis cells immobilized into chitosan beads	Liu, Yun-guo; Liao, Ting; He, Zhong-bing; Li, Ting-ting; Wang, Hui; Hu, Xin-jiang; Guo, Yi-ming; He, Yuan	2013	23	6	1804	1814	二等奖
51	Microstructure and room temperature mechanical properties of NiAl-Cr(Mo)-(Hf, Dy) hypoeutectic alloy	Sheng, Li-yuan; Yang, Fang; Xi, Ting-fei; Zheng, Yu-feng; Guo, Jian-ting	2013	23	4	983	990	二等奖

52	Preparation and characterization of ZrO <sub>2</sub> /TiO <sub>2</sub> composite photocatalytic film by micro-arc oxidation	Luo, Qiang; Cai, Qi-zhou; Li, Xin-wei; Pan, Zhen-hua; Li, Yu-jie; Chen, Xi-di; Yan, Qing-song	2013	23	10	2945	2950	二等奖
53	Desilication from titanium-vanadium slag by alkaline leaching	Chen, De-sheng; Zhao, Long-sheng; Qi, Tao; Hu, Guo-ping; Zhao, Hong-xin; Li, Jie; Wang, Li-na	2013	23	10	3076	3082	二等奖
54	Simulation on dynamic recrystallization behavior of AZ31 magnesium alloy using cellular automaton method coupling Laasraoui-Jonas	Liu, Xiao; Li, Luo-xing; He, Feng-yi; Zhou, Jia; Zhu, Bi-wu; Zhang, Li-qiang	2013	23	9	2692	2699	二等奖
55	Mechano-chemical sulfidization of zinc oxide by grinding with sulfur and reductive additives	Chai, Li-yuan; Liang, Yan-jie; Ke, Yong; Min, Xiao-bo; Tang, Chong-jian; Zhang, Hai-jing; Xie, Xian-de; Yuan, Cui-yu	2013	23	4	1129	1138	二等奖
56	Effects of particle size and particle interactions on	Yin, Wan-zhong; Wang, Ji-zhen	2014	24	11	3682	3687	二等奖
57	Solid-state reduction kinetics and mechanism of pre-oxidized vanadium-titanium magnetite	Liu, Shui-shi; Guo, Yu-feng; Qiu, Guan-zhou; Jiang, Tao; Chen, Feng	2014	24	10	3372	3377	二等奖
58	Corrosion and tribocorrosion behaviors of AISI 316 stainless steel and Ti6Al4V alloys in artificial seawater	Chen, Jun; Zhang, Qing; Li, Quan-an; Fu, San-ling; Wang, Jian-zhang	2014	24	4	1022	1031	二等奖
59	Fracture evolution around pre-existing cylindrical cavities in brittle rocks under uniaxial	Zhao, Xing-dong; Zhang, Hong-xun; Zhu, Wan-cheng	2014	24	3	806	815	二等奖
60	Adsorption and activation of copper ions on chalcopyrite surfaces: A new viewpoint of	Deng, Jiu-shuai; Wen, Shu-ming; Liu, Jian; Wu, Dan-dan; Feng, Qi-cheng	2014	24	12	3955	3963	二等奖
61	Effects of process parameters on mechanical properties and microstructures of creep aged 2124 aluminum alloy	Zhan, Li-hua; Li, Yan-guang; Huang, Ming-hui	2014	24	7	2232	2238	二等奖
62	Microstructure and cutting performance of CrTiAlN coating for high-speed dry milling	Lu, Li; Wang, Qi-min; Chen, Bing-zhou; Ao, Yong-cui; Yu, Dong-hai; Wang, Cheng-yong; Wu, Shang-hua; Kim, Kwang Ho	2014	24	6	1800	1806	二等奖
63	Effect of Y addition on microstructure and mechanical properties of Mg-Zn-Mn alloy	Qi, Fu-gang; Zhang, Ding-fei; Zhang, Xiao-hua; Pan, Fu-sheng	2014	24	5	1352	1364	二等奖

64	Reductive leaching of manganese oxide ores using waste tea as reductant in	Tang, Qing; Zhong, Hong; Wang, Shuai; Li, Jin-zhong; Liu, Guang-yi	2014	24	3	861	867	二等奖
65	Effect of post weld heat treatment on properties of variable polarity TIG welded	Ding, Ji-kun; Wang, Dong-po; Wang, Ying; Du, Hui	2014	24	5	1307	1316	二等奖
66	Effect of Sr content on microstructure and mechanical properties of Mg-Li-Al-Mn alloy	Xu, Tian-cai; Peng, Xiao-dong; Jiang, Jun-wei; Xie, Wei-dong; Chen, Yuan-fang; Wei, Guo-bing	2014	24	9	2752	2760	二等奖
67	Hot deformation behavior of as-quenched 7005 aluminum alloy	Wang, Ming-liang; Jin, Pei-peng; Wang, Jin-hui; Han, Li	2014	24	9	2796	2804	二等奖
68	Effect of pouring and mold temperatures on hot tearing susceptibility of AZ91D and Mg-3Nd-0.2Zn-Zr Mg alloys	Huang, Hao; Fu, Peng-huai; Wang, Ying-xin; Peng, Li-ming; Jiang, Hai-yan	2014	24	4	922	929	二等奖
69	Surface modification of biomedical magnesium alloy wires by micro-arc oxidation	Chu, Cheng-lin; Han, Xiao; Bai, Jing; Xue, Feng; Chu, Paul-kao	2014	24	4	1058	1064	二等奖
70	Flotation recovery of vanadium from low-grade stone coal	Wang, Li; Sun, Wei; Liu, Run-qing; Gu, Xiao-chuan	2014	24	4	1145	1151	二等奖
71	Fabrication of superaligned carbon nanotubes reinforced copper matrix laminar composite by electrodeposition	Jin, Yu; Zhu, Lin; Xue, Wei-dong; Li, Wen-zhen	2015	25	9	2994	3001	二等奖
72	Microstructure and mechanical properties of AZ61 magnesium alloy prepared by repetitive upsetting-extrusion	Xu, Yan; Hu, Lian-xi; Sun, Yu; Jia, Jian-bo; Jiang, Ju-fu; Ma, Qing-guo	2015	25	2	381	388	二等奖
73	Influence of Ni <sub>4</sub> Ti <sub>3</sub> precipitates on phase transformation of NiTi shape memory alloy	Jiang, Shu-yong; Zhang, Yan-qiu; Zhao, Ya-nan; Liu, Si-wei; Hu, Li; Zhao, Cheng-zhi	2015	25	12	4063	4071	二等奖
74	Mechanical properties and pore structure deformation behaviour of biomedical porous	Wang, Xiao-hua; Li, Jin-shan; Hu, Rui; Kou, Hong-chao	2015	25	5	1543	1550	二等奖
75	Oxidation behavior of high-entropy alloys Al <sub>x</sub> CoCrFeNi (x=0.15, 0.4) in supercritical water and comparison with	Liu, Yi-xuan; Cheng, Cong-qian; Shang, Jian-lu; Wang, Rui; Li, Peng; Zhao, Jie	2015	25	4	1341	1351	二等奖
76	Bonding interface characteristic and shear strength of diffusion bonded Ti-17 titanium alloy	Li, Hong; Zhang, Chao; Liu, Hong-bin; Li, Miao-quan	2015	25	1	80	87	二等奖
77	Effect of welding heat input and post-welded heat treatment on hardness of stir zone for friction stir-welded 2024-T3	Chen, Yu; Ding, Hua; Li, Ji-zhong; Zhao, Jing-wei; Fu, Ming-jie; Li, Xiao-hua	2015	25	8	2524	2532	二等奖

78	Effect of current frequency on properties of coating formed by microarc oxidation on AZ91D magnesium alloy	Zou, Bin; Lu, Guo-hua; Zhang, Gu-ling; Tian, Yu-ye	2015	25	5	1500	1505	二等奖
79	Microscopic damage and dynamic mechanical properties of rock under freeze-thaw	Zhou, Ke-ping; Li, Bin; Li, Jie-lin; Deng, Hong-wei; Bin, Feng	2015	25	4	1254	1261	二等奖
80	Failure properties of rocks in true triaxial unloading	Du, Kun; Li, Xi-bing; Li, Di-yuan; Weng, Lei	2015	25	2	571	581	二等奖
81	Microstructural development and its effects on mechanical properties of Al/Cu laminated	Li, Xiao-bing; Zu, Guo-yin; Wang, Ping	2015	25	1	36	45	二等奖
82	Leaching characteristics of ion-adsorption type rare earths ore with magnesium sulfate	Xiao, Yan-fei; Chen, Ying-ying; Feng, Zong-yu; Huang, Xiao-wei; Huang, Li; Long, Zhi-qi; Cui, Da-	2015	25	11	3784	3790	二等奖
83	Microstructure and mechanical properties of Mg, Ag and Zn multi-microalloyed Al-(3.2-3.8)Cu-(1.0-1.4)Li alloys	Li, Jin-feng; Liu, Ping-li; Chen, Yong-lai; Zhang, Xu-hu; Zheng, Zi-qiao	2015	25	7	2103	2112	二等奖
84	Soil vanadium pollution and microbial response characteristics from stone coal smelting district	Xiao, Xi-yuan; Yang, Miao; Guo, Zhao-hui; Jiang, Zhi-chao; Liu, Yanan; Cao, Xia	2015	25	4	1271	1278	二等奖
85	Microstructure and mechanical properties of dissimilar Al-Cu joints by friction stir welding	Zhang, Qiu-zheng; Gong, Wen-biao; Liu, Wei	2015	25	6	1779	1786	二等奖
86	Microstructural evolution and mechanical properties of laser melting deposited Ti-6.5Al-3.5Mo-1.5Zr-0.3Si titanium	Ren, Hai-shui; Tian, Xiang-jun; Liu, Dong; Liu, Jian; Wang, Hua-ming	2015	25	6	1856	1864	二等奖
87	Microstructure, mechanical properties and wear behaviour of Zn-Al-Cu-TiB <sub>2</sub> in situ composites	Chen, Fei; Wang, Tong-min; Chen, Zong-ning; Mao, Feng; Han, Qiang; Cao, Zhi-qiang	2015	25	1	103	111	二等奖
88	Microstructure evolution and mechanical properties of laser additive manufactured Ti-5Al-2Sn-2Zr-4Mo-4Cr alloy	Zhang, Qiang; Chen, Jing; Tan, Hua; Lin, Xin; Huang, Wei-dong	2016	26	8	2058	2066	二等奖
89	Prediction of rock burst classification using cloud model with entropy weight	Zhou, Ke-ping; Lin, Yun; Deng, Hong-wei; Li, Jie-lin; Liu, Chuan-ju	2016	26	7	1995	2002	二等奖
90	Multistage-aging process effect on formation of GP zones and mechanical properties in Al-Zn-Mg-Cu alloy	Yang, Rong-xian; Liu, Zhi-yi; Ying, Pu-you; Li, Jun-lin; Lin, Liang-hua; Zeng, Su-min	2016	26	5	1183	1190	二等奖



91	Effect of as-solidified microstructure on subsequent solution-treatment process for	Dang, Bo; Liu, Cong-cong; Liu, Feng; Liu, Ying-zhuo; Li, Yuan-bing	2016	26	3	634	642	二等奖
92	Three-point bending performance of a new aluminum foam composite structure	Wang, Ning-zhen; Chen, Xiang; Li, Ao; Li, Yan-xiang; Zhang, Hua-wei; Liu, Yuan	2016	26	2	359	368	二等奖
93	Dislocation mechanism for dynamic recrystallization in twin-roll casting Mg-5.51Zn-0.49Zr magnesium alloy during hot compression at different	Liu, Zhi-yi; Huang, Tian-tian; Liu, Wen-juan; Kang, Sukbong	2016	26	2	378	389	二等奖
94	Effect of annealing temperature on martensitic transformation of Ti49.2Ni50.8 alloy processed by equal channel angular pressing	Zhang, Dian-tao; Guo, Bao; Tong, Yun-xiang; Tian, Bing; Li, Li; Zheng, Yu-feng; Gunderov, Dmitry-V; Valiev, Ruslan-Z	2016	26	2	448	455	二等奖
95	Preparation of Zr-doped CaTiO <sub>3</sub> with enhanced charge separation efficiency and photocatalytic activity	Huang, Xiao-jun; Yan, Xin; Wu, Hai-yan; Fang, Ying; Min, Ya-hong; Li, Wen-sheng; Wang, Shuang-yin; Wu, Zhen-jun	2016	26	2	464	471	二等奖
96	Microstructure and mechanical properties of cryo-rolled AA6061 Al alloy	Huang, Yuan-chun; Yan, Xu-yu; Qiu, Tao	2016	26	1	12	18	二等奖
97	Effects of initial delta phase (Ni <sub>3</sub> Nb) on hot tensile deformation behaviors and material constants of Ni-based	Lin, Yong-cheng; He, Min; Chen, Ming-song; Wen, Dong-xu; Chen, Jian	2016	26	1	107	117	二等奖
98	First principles investigation of binary intermetallics in Mg-Al-Ca-Sn alloy: Stability, electronic structures, elastic properties and thermodynamic	Wang, Feng; Sun, Shi-jie; Yu, Bo; Zhang, Feng; Mao, Ping-li; Liu, Zheng	2016	26	1	203	212	二等奖
99	Flotation separation of chalcopyrite from galena by sodium humate and ammonium persulfate	Liu, Rui-zeng; Qin, Wen-qing; Jiao, Fen; Wang, Xing-jie; Pei, Bin; Yang, Yong-jun; Lai, Chun-hua	2016	26	1	265	271	二等奖
100	Leaching kinetics of zinc silicate in ammonium chloride solution	Yang, Sheng-hai; Li, Hao; Sun, Yan-wei; Chen, Yong-ming; Tang, Chao-bo; He, Jing	2016	26	6	1688	1695	二等奖