

机械工程及自动化学院 2017年 研究生发表优秀学术论文奖推荐汇总表

序号	申请者学号	申请者姓名/排名	论文题目	论文出处	发表时间	收录号	影响因子	导师姓名/排名	一级学科	获学位时间	JCR分区
1	BY1307142	张鹏飞/1	Continuous directional water transport on the peristome surface of <i>Nepenthes alata</i>	Huawei Chen, Pengfei Zhang, Liwen Zhang, Hongliang Liu, Ying Jiang, etc.. <i>Nature</i> , 532(7579)85—89	201604	00037355550038	38.138	张德远/通讯	机械工程		Q1
2	BY1307142	张鹏飞/1	Stable slippery liquid-infused anti-wetting surface at high temperatures	Pengfei Zhang, Huawei Chen, Liwen Zhang, Yi Zhang, Deyuan Zhang, Lei Jiang. <i>Journal of Materials Chemistry A</i> , 4(31)12212—12220	201608	00038209510028	8.262	张德远/通讯	机械工程		Q1
3	BY1007126	赵军鹏/1	Dynamic response topology optimization in the domain using model reduction method	Junpeng Zhao, Chunjie Wang. <i>Structural and Multidisciplinary Optimization</i> , 53(1)101—114	201601	00037261620007	2.208	王春浩/2	机械工程	20160628	Q1
4	BY1107148	蔡正阳/1	Constitutive modeling of evolving plasticity in high strength steel sheets	Zhengyang Cai, Keshan Diao, Xiangdong Wu, Min Wan. <i>International Journal of Mechanical Sciences</i> , 107(2016)43—57	201603	00037155480005	2.481	万敏/其他	航空宇航科学与技术		Q1
5	BY1107150	薛俊杰/1	Efficient GPU out-of-core visualization of large-scale CAD models with voxel representations	Junjie Xue, Gang Zhao and Wenlei Xiao. <i>Advances in Engineering Software</i> , 2016(99)73—80	201609	00038154220008	1.673	赵罡/通讯	航空宇航科学与技术		Q1
6	BY1207103	白大山/1	Molecular dynamics simulation of the diffusion behaviour between Co and Ti and its effect on the wear of WC/Co tools when titanium alloy is machined	Dashan Bai, Jianfei Sun, Wuyi Chen, Daxi Du. <i>Ceramics International</i> , 42(15)17754—17763	201611	000384784100173	2.758	陈五一/其他	机械工程		Q1
7	BY1207107	董明杰/1	Implementation of remotely operated vehicle for direct inspection of reactor pressure vessel and other water filled infrastructure	Mingjie Dong, Wusheng Chou, Bin Fang, Guodong Yao & Qingsong Liu. <i>Journal of Nuclear Science and Technology</i> , 53(8)1086—1096	201608	00038015530002	1.202	丑武胜/通讯	机械工程		Q1
8	BY1207117	肖瑞/1	biaxial tensile testing of cruciform slim superalloy at elevated temperatures	Rui Xiao, Xiao-Xing Li, Li-Hui Lang, Yang-Kai Chen, Yan-Feng Yang. <i>materials and design</i> , 94(2)286—294	201601	000369589200033	3.997	李晓星/2	航空宇航科学与技术	20170320	Q1
9	BY1207118	马博林/1	Investigation on the hot formability of TA15 titanium alloy sheet	BoLin Ma, XiangDongWu, XinJun Li, Min Wan, ZhengYang Cai. <i>Materials and Design</i> , 94(9)—16	201603	00036958920002	3.997	李新军/无	航空宇航科学与技术	20170320	Q1

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10	BY1207118	马博林/1	Prediction of forming limit in DP590 steel sheet forming: An extended fracture criterion	Bolin Ma, Z.G. Liu, Zheng Jiang, Xiangdong Wu, Keshan Diao, Min Wan. Materials and Design, 96 () 401—408	201604	000371296000050	3.997	李新军/无	航空宇航科学与技术	20170320	Q1
11	BY1207139	耿大喜/1	Rotary ultrasonic elliptical machining for side milling of CFRP: tool performance and surface integrity	Daxi Geng, Deyuan Zhang, Yonggang Xu, Fengtao He, Dapeng Liu Zuoheng Duan. Ultrasonics, 59 () 128—137	201505	000350821800005	1.954	张德远/2	机械工程		Q1
12	BY1307134	吴少波/1	Delay-Aware Energy Optimization for Flooding in Duty-Cycled Wireless Sensor Networks	Shaobo Wu, Jianwei Niu, Wusheng Chou, Mohsen Guizan. IEEE Transactions on Wireless Communications, 15 (12) 8449—8462	201612	000391292500040	2.925	丑武胜/其他	机械工程		Q1
13	BY1307135	朱燊/1	Tool orientation optimization for 3+2-axis CNC machining of sculptured surface	Zhu Yu; Chen Zhi-Tong; Ning Tao; Xu Ru-Feng. COMPUTER-AIDED DESIGN, 77 (8) 60—72	201608	000377835200004	2.149	陈志同/通讯	机械工程		Q1
14	BY1307142	张鹏飞/1	Anti-adhesion effects of liquid-infused textured surfaces on high-temperature stainless steel for soft tissue	Pengfei Zhang, Huawei Chen, Liwen Zhang, Yi Zhang, Deyuan Zhang. APPLIED SURFACE SCIENCE, 385 () 249—256	201611	000380825900031	3.15	张德远/通讯	机械工程		Q1
15	BY1307147	赵睿/1	Interaction of forming temperature and grain size effect in micro/meso-scale plastic deformation of nickel-base superalloy	R. Zhao, J. Q. Han, B. B. Liu, M. Wan. Materials & Design, 94 (0264-1275) 195—206	201603	000369589200023	3.997	李新军/其他	航空宇航科学与技术		Q1
16	SY1407211	贾强/1	Microstructure and tensile behavior of fiber laser-welded blanks of DP600 and DP980 steels	Qiang Jia, Wei Guo, Weidong Li, Ying Zhu, Peng Peng, Guisheng Zou. JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, 236 () 73—83	201610	000379559200009	2.359	郭伟/2	材料科学与工程	20170320	Q1
17	SY1507516	刘重续/2	Radius and Orientation Measurement for Cylindrical Objects by a Light Section Sensor	Youdong Chen, Chongxu Liu. Sensors, 16 (11) 1—15	201611	000389641700212	2.033	陈友东/1	机械工程		Q1
18	ZY1307215	祝聪/1	Development of an ultrasonic linear motor with ultra-positioning capability and four driving feet	Cong Zhu, Xiangcheng Chu, Songmei Yuan, Zuojin Zhong, Yanqiang Zhao. Ultrasonics, 72 (2016) 66—72	201607	000383943900008	1.954	袁松梅/通讯	全日制工程硕士	20160628	Q1
19	ZY1407202	马全胜/1	Effect of Ti content on the microstructure and mechanical properties of TiAlSiN nanocomposite coatings	马全胜, 李刘合, 徐晔, 马璇, 许亿, 刘红涛. INTERNATIONAL JOURNAL OF REFRACTORY METALS & HARD MATERIALS, 59 (2016) () 114—120	201606	WOS:0037988680014	2.263	李刘合/通讯	全日制工程硕士	20170320	Q1

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20	BY0807105	邱文旺/1	Cutting force prediction in orthogonal turn-milling by directly using engagement boundaries	Wenwang Qiu, Qiang Liu, Ji Ding, Songmei Yuan. International Journal of Advanced Manufacturing Technology, 86(1-4)963—975	201609	000382174400086	1.568	刘强/2	机械工程	20160628	Q2
21	BY1007134	张家谔/1	Robust scheduling for multi-objective flexible job-shop problems with flexible workdays	Zhang jiae, Yang janjun, Zhou yong. Engineering Optimization, 48(11)1973—1989	201606	000383407500008	1.380	杨建军/2	机械工程	20161129	Q2
22	BY1007134	张家谔/1	Flexible job-shop scheduling with flexible workdays, preemption, overlapping in operations and satisfaction criteria: an industrial application	Zhang jiae, Yang janjun. International Journal of Production Research, 54(16)4894—4918	201602	000380165700011	1.693	杨建军/2	机械工程	20161129	Q2
23	BY1107105	张翀/1	Development of a cutting force prediction model based on brittle fracture for C/SiC in rotary ultrasonic facing milling	Zhang Chong;Yuan Songmei;Amin, Muhammad;Fan, Huitao;Liu Qiang. INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, 85(1-4)573—583	201607	000378875500050	1.568	袁松梅/2	机械工程	20160628	Q2
24	BY1107105	张翀/2	Development of a cutting force prediction model based on brittle fracture for carbon fiber reinforced polymers for rotary ultrasonic drilling	Yuan Songmei; Zhang Chong; Amin Muhammmad; Fan Huitao; Liu Ming. INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, 81(5-8)1223—1231	201511	000363718600045	1.568	袁松梅/1	机械工程	20160628	Q2
25	BY1207105	张云/1	Reverse modeling strategy of aero-engine blade based on design intent	Zhang Yun; Chen Zhitong; Ning Tao. International Journal of Advanced Manufacturing Technology, 81(9-12)1781—1796	201512	000365224400028	1.568	陈志同/通讯	机械工程	20160628	Q2
26	BY1207105	张云/1	Efficient measurement of aero-engine blade considering uncertainties in adaptive machining	Zhang Yun; Chen Zhitong; Ning Tao. International Journal of Advanced Manufacturing Technology, 86(1-4)387—396	201609	000382174400034	1.568	陈志同/通讯	机械工程	20160628	Q2
27	BY1207108	张涛/1	Design and Experimental Performance Verification of a Thermal Property Test-bed for Lunar Drilling Exploration	ZHANG Tao, ZHAO Zeng, LIU Shuting, Li Jinglin, DING Xilun, Yin Shen, Wang Guoxin. Chinese Journal of Aeronautics, 29(5)1455—1468	201610	000389533200028	0.977	丁希仑/通讯	机械工程		Q2
28	BY1207118	马博林/1	The effect of the through-thickness normal stress on sheet formability	Bolin Ma, Keshan Diao, Xiangdong Wu, Xinjun Li, Min Wan, Zhengyang Cai. Journal of Manufacturing Processes, 21()134—140	201601	000370999200014	1.771	李新军/其他	航空宇航科学与技术	20170320	Q2
29	BY1207148	赵翰学/2	Inspection of disbonds in multilayer dissimilar metal structure using lock-in thermography	ZHENGGAN ZHOU, HANXUE ZHAO, GUANGKAI SUN, PENGFEI HE, JIN FAN, GEN LI. Applied Optics, 55(16)4490—4496	201606	000377050400035	1.598	周正干/1	机械工程		Q2

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30	BY1307108	张自强/2	Legs attitudes determination for bionic locust robot based on landing buffering performance	Diansheng Chen, Ziqiang Zhang, Kewei Chen. Mechanism and Machine Theory, 99()117—139	201605	00037189790008	1.689	陈殿生/1	机械工程		Q2
31	BY1307108	张自强/1	Analysis and comparison of two jumping leg models for bioinspired locust robot	Ziqiang Zhang, Diansheng Chen, Kewei Chen, Hanlong Chen. Journal of Bionic Engineering, 13(4)558—571	201610	000385691200005	1.466	陈殿生/2	机械工程		Q2
32	BY1307108	张自强/1	Analysis and comparison of three leg models for bionic locust robot based on landing buffering performance	Ziqiang Zhang, Diansheng Chen, Kewei Chen. SCIENCE CHINA Technological Sciences, 59(9)1413—1427	201609	000382994100014	1.441	陈殿生/2	机械工程		Q2
33	BY1307111	黄龙/1	Type Synthesis of 1R1T Remote Center of Motion Mechanisms Based on Pantograph Mechanisms	Huang Long; Yang Yang; Xiao Jingjing; Su Peng. Journal of Mechanical Design, 138(1)014501—1—014501-5	201601	000366637200010	1.44	杨洋/通讯	机械工程	20170320	Q2
34	BY1407125	张泉达/1	Theoretical investigation on the springback behavior of AA7B04 sheet in hydraulic bulge process	Quanda Zhang, Lihui Lang, Yao Wang & Zhiying Sun. The International Journal of Advanced Manufacturing Technology, 87(9-12)2861—2871	201612	000388988300035	1.568	郎利辉/2	航空宇航科学与技术		Q2
35	BY1407129	王耀/1	Flow property of AA2B06 sheet using overlapping elliptical bulge test	Wang Y (Wang Yao), Lang LH (Lang Li-hui), Gao TJ (Gao Tie-jun), Zhang QD (Zhang . TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA, 26(8)2179—2187	201608	000384014600020	1.34	郎利辉/通讯	航空宇航科学与技术		Q2
36	BY1507137	李幸豪/1	Manipulation and assembly behavior of Spirulina-templated microcoils in the electric field	Li Xinghao, Cai Jun, Sun Lili, Yue Yue, Zhang Deyuan. RSC ADVANCES, 6(80)76716—76723	201608	000382157700077	3.289	蔡军/通讯	机械工程		Q2
37	SY1407427	赵艳强/2	Analysis and Experimental Research of a Multilayer Linear Piezoelectric Actuator	Songmei Yuan, Yanqiang Zhao, Xiangcheng Chu, Cong Zhu and Zuojin Zhong. Applied Sciences—Basel, 6(8)225—237	201608	000385517300020	1.726	袁松梅/1	机械工程		Q2
38	SY1407427	赵艳强/1	Ultrasonic micro-motor with multilayer piezoelectric ceramic and chamfered driving tips	Yanqiang Zhao, Songmei Yuan, Xiangcheng Chu, Shuning Gao, Zuojin Zhong and Cong Zhu. Review of Scientific Instruments, 87(9)095108-1—095108-5	201609	000385634500071	1.336	袁松梅/2	机械工程		Q2
39	SY1507512	苏峰/1	The superior fault tolerance of artificial neural network training with a fault/noise injection-injection based genetic algorithm	Feng Su, Peijiang Yuan, Yangzhen Wang, Chen Zhang. Protein Cell, 7(10)1—14	201608	WOS:00385160100005	3.817	袁培江/2	机械工程		Q2

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40	ZY1307131	张容静/1	Investigation into thinning and spring back of multilayer metal forming using hydro-mechanical deep drawing (HMDD) for lightweight parts	张荣静; 郎利辉; Rizwan ZAFAR; 林俐菁; 张文尚. INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, 0268-3768 (82) 817-826	201602	000368996000004	1.568	郎利辉/2	全日制工程硕士	20160628	Q2
41	ZY1307131	张容静/1	Effect of gap generator blank thickness on formability in multilayer stamp forming process	Zhang, RJ (Zhang, Rong-jing) [1] ; Lang, LH (Lang, Li-hui) [1] ; Zafar, R (Zaf. METALLURGY & METALLURGICAL ENGINEERING , 26 (1003-6326) 2442-2448	201609	000386345500021	1.34	郎利辉/2	全日制工程硕士	20160628	Q2
42	BY1507144	邓昊宇/1	A mixed integer non-linear optimization method for support structure of cassegrain antenna	Haoyu Deng, Chunjie Wang. ACSM02016, ()—	201605			王春洁/2	机械工程		QX

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