

顶级/权威期刊论文情况一览表

序号	论文题目	发表刊物	卷号、期号、页码	第一作者	第二作者
1	基于球切多面体和光密度的砂轮建模与测量	机械工程学报	2016,52(21):10-197	邓朝晖	赵小雨
2	机床零部件生命周期碳排放评估与减排策略研究	机械工程学报	2017,53(11):144-156	邓朝晖	吕黎曙
3	Si3N4 陶瓷的剪切增稠抛光	机械工程学报	2017,53(09):193-200	李 敏	袁巨龙
4	基于多层钎焊金刚石砂轮在线电解修整技术的超细晶硬质合金精密磨削研究	机械工程学报	2018,54(21):212-220	伍俏平	王 煜
5	考虑耕犁的超声磨削表面微观形貌建模与预测	机械工程学报	2018,54(21):231-240	陈海锋	唐进元
6	碳纳米管对大粒度多层钎焊金刚石砂轮电解修整磨削性能的影响研究	机械工程学报	2020,56(07):231-239	伍俏平	欧阳志勇
7	凸轮轴高速磨削温度的实验研究	中国机械工程	2016,27(20):2717-2722	邓朝晖	刘 涛
8	基于组合赋权的机床加工工艺参数多目标组合决策方法	中国机械工程	2016,27(21):2902-2908	邓朝晖	孟慧娟
9	在线电解修整磨削液研究现状及其展望	中国机械工程	2017,28(09):1118-1125	伍俏平	王 煜
10	圆弧形砂轮精密修整及其声发射在线监测技术	中国机械工程	2017,28(18):2242-2249	陈 冰	王 各
11	面向绿色高效制造的铣削工艺参数多目标优化	中国机械工程	2017,28(19):2365-2372	邓朝晖	符亚辉
12	在线电解修整磨削氧化膜研究现状及展望	中国机械工程	2018,29(17):2023-2030	伍俏平	郑维佳
13	砂轮表面形貌定量评价及修整效果研究	中国机械工程	2018,29(19):2277-2283	刘 伟	商圆圆
14	基于响应曲面法的轴承钢 GCr15 高速外圆磨削参数优化	中国机械工程	2019,30(23):2829-2834	刘 伟	商圆圆
15	面向凸轮轴磨削加工的智能决策云服务实现	中国机械工程	2020,31(07):773-780	刘 涛	邓朝晖
16	纳秒激光加工 2.5 维 Cf / SiC 复合材料的烧蚀孔洞特征	中国机械工程	2020,31(08):983-990	焦浩文	陈 冰
17	激光钎焊多层金刚石磨粒 Ni-Cr 合金成形工艺研究[J/OL]	中国机械工程	1-10[2020-11-12]	李时春	周振红

SCI 二区以上论文情况一览表

序号	论文题目	发表刊物	卷号、期号、页码	第一作者	第二作者
1	A multi-objective decision-making method for machining process plan and an application	Journal of Cleaner Production	2020, 260: 121072.	吕黎曙	邓朝晖
2	Evolution and equivalent control law of surface roughness in shear-thickening polishing	International Journal of Machine Tools and Manufacture	2016, 108:113-126	李 敏	
3	Study on the model of high efficiency and low carbon for grinding parameters optimization and its application	Journal of Cleaner Production	2016,137:1672-1681	邓朝晖	
4	Study on methods to optimize laser-sharpening quality, efficiency and topography	Precision Engineering	2016, 46:409-416	邓 辉	
5	Effects of grinding parameters on surface quality in silicon nitride grinding	Ceramics International	2017, 43(1): 1571-1577	刘 伟	邓朝晖
6	A process parameters optimization method of multi-pass dry milling for high efficiency, low energy and low carbon emissions	Journal of Cleaner Production	2017, 148: 174-184	张 华	邓朝晖
7	Optimization of process parameters for minimum energy consumption based on cutting specific energy consumption	Journal of Cleaner Production	2017,166:1407-1414	邓朝晖	
8	Research on intelligent expert system of green cutting process and its application	Journal of Cleaner Production	2018,185:904-911	邓朝晖	
9	Microstructure and properties of weld joint during 10 kW laser welding with surface-active element sulfur	Applied Surface Science	2017,426:704-713	李时春	

10	Grinding Marks on Ultra-Precision Grinding Spherical and Aspheric Surfaces	International Journal of Precision Engineering and Manufacturing-Green Technology	2017,4(4): 419-429	陈 冰	
11	Fabrication of diamond whiskers by powder injection molding	International Journal of Refractory metals and Hard Materials	2018,74:114-122	伍俏平	罗 舟
12	Simulation and Experimental Research on Subsurface Damage of Silicon Nitride Grinding	CERAMICS INTERNATIONAL	2018,44(7):8290-8296	万林林	刘志坚
13	Novel drill bit based on the step-control scheme for reducing the CFRP delamination	Journal of Materials Processing Technology	2018,262:157-167	苏 飞	
14	A High Efficiency and Low Carbon Oriented Machining Process Route Optimization Model and Its Application	Journal of Precision Engineering and Manufacturing-Green Technology	2019,6(1): 23-41	邓朝晖	
15	Parametric evaluation and three-dimensional modelling for surface topography of grinding wheel	International Journal of Mechanical Sciences	2019,155:334-342	刘 伟	邓朝晖
16	Comparative analyses of damages formation mechanisms for novel drills based on a new drill-induced damages analytical model	Journal of Materials Processing Technology	2019,271:111-125	苏 飞	
17	Investigation on ultra-precision lapping of A-plane and C-plane sapphires	CERAMICS INTERNATIONAL	2019,45(9):12106-12112	万林林	戴 鹏
18	Effects of polishing parameters on surface quality in sapphire double-sided CMP	CERAMICS INTERNATIONAL	2020,	李重阳	邓朝晖
19	Modelling and analysis for processing energy consumption of mechanism and data integrated machine tool	International Journal of Production Research	2020,	吕黎曙	邓朝晖

20	Crack propagation during Vickers indentation of zirconia ceramics	CERAMICS INTERNATIONAL	2020,46(13): 21311-21318	李 乐	万林林
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