师资队伍/个人信息

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<tr><td>姓　名</td><td>康敏</td><td>性别</td><td>男</td><td rowspan="4">  </td></tr>
<tr><td>职　称</td><td>教授/博导</td><td>系别</td><td>机械工程系</td></tr>
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<tr><td>研究领域</td><td colspan="4">特种加工技术；数控技术；农业装备设计与制造</td></tr>
<tr><td>社会兼职</td><td colspan="4">✧　中国机械工程学会特种加工分会委员。
✧　江苏省机械工程学会电加工分会常务委员。
✧　中国农业机械学会材料与制造技术分会委员。
✧　中国机械工程学会高级会员。</td></tr>
<tr><td>承担项目</td><td colspan="4">1. 江苏省产学研联合创新资金——前瞻性联合研究项目：设施农业用轻简型旋耕起垄施肥精量播种机研制（BY2013051）。
2.苏北科技专项资金（富民强县）项目：新型农机装备研发平台的提档升级(编号：BN2014019)。
3. 连云港市农业攻关项目：设施栽培节本增效配套设备研发及应用（编号：CN1308）。
4. 淮安市应用研究与科技攻关（农业）计划项目：新型高效旋耕播种施肥及秸秆肥料化还田利用复式作业机研制（HAN2014036）。
5. 淮安重点研发项目（现代农业）：设施农业用轻型旋耕施肥精量播种机研究（编号：HAN2015006）。
6. 江苏省政策引导类计划（产学研合作）——前瞻性联合研究项目：高速齿轮箱性能测试平台的研究与开发（BY2015071-02）。
7.企业项目：数控涂胶机控制系统研制。
8.企业项目：汽车内衬布切割装置研制。
9.企业项目：织带自动印字机研制。
10.企业项目：半自动吊装带捆扎机研制。
11.企业项目：数控镜片曲面车床数控系统研发。
12.企业项目：土壤取样器研制。
13.企业项目：LJ25 数控冲床研制。
14.企业项目：细水雾灭火装置研制。</td></tr>
<tr><td>学术成果</td><td colspan="4">出版著作：
1. 高等农林院校“十二五”规划教材：康敏主编. 数控技术，第 1 版，2015，中国农业出版社。
2. 高等学校教材:刘存祥、康敏主编. 机械制造工艺基础,第 1 版，2008，中国农业大学出版社。
3. 全国高等农业院校教材：朱思洪主编，康敏、李小昱副主编. 机电一体化技术，第 1 版，2004，中国农业出版社。

近期主要论文：
1. Liu Zexiang,Kang Min*,Fu Xiuqing. Rotary Combined Ultrasonic and</td></tr>
</table>

Electrochemical Machining Device of Small Holes and Its Test Study. Key Engineering Materials,Vol. 584(2014): 54-59.

2. Liu Zexiang,Kang Min*,Fu Xiuqing. Simulation Research of Small Holes by Combined Ultrasonic and Electrochemical Machining Based on CFX. Key Engineering Materials,Vol. 584(2014): 60-66.
3. Wang Ying, Kang Min*, Jin Shi Wei, Fu Xiu Qing, Wang Xing Sheng. Electrochemical behaviour in process of electrodeposition Ni-P alloy coating[J], Surface Engineering . 2014, 30(8): 557-561.
4. Xingsheng Wang, Xiuqing Fu, Chunlin Li, Min Kang. Tool path generation for slow tool servo turning of complex optical surfaces[J]. The International Journal of Advanced Manufacturing Technology, 2015, 79(1):437-448.
5. Xingsheng Wang, Marco Giovannini, Youqiang Xing, Min Kang, Kornel Ehmann. Fabrication and tribological behaviors of corner-cube-like dimple arrays produced by laser surface texturing on medical needles[J]. Tribology International, 2015(92):553-558.
6. Wang Ying, Kang Min*, Jin Shi Wei, Fu Xiu Qing. Dynamic Parameters of Jet Electrodeposition for Ni-P Alloy[J], Asian Journal of Chemistry. 2014, 26(17): 5415-5418.
7. Liu Ze Xiang, Kang Min*. The Analysis of Small Holes by RUECM.JOURNAL OF THE CHINESE SOCIETY OF MECHANICAL ENGINEERS.2014, 34(3): 197-204.
8. FU Xiuqing, XIAN Jieyu, KANG Min, XIAO Maohua，Research on Flow Field Simulation and Experiment of Numerical Control Electrochemical Turning，Key Engineering Materials，Vol.568，25-30，2013.
9. Wang Ying, Kang Min*, Yang Yong, et al. Study on the high speed jet-electrode position Ni-P alloy. Key Engineering Materials, 2013, V567, p39-44.
10. Xingshen Wang, Min Kang, Xiuqing Fu, Chunlin Li. Predictive modeling of surface roughness in lenses precision turning using regression and support vector machines. Int J Adv Manuf technol , 2013, DOI 10.1007/s00170-013-5231-3.
11. Zhang H W, Kang M. Effects of speed ratio K value of rubber-bar on cotton harvesting performance [J]. Applied Mechanics and Research, 2012, V383-390, p3005-3010.
12. 王颖,康敏*,傅秀清,王兴盛.发动机气缸电喷镀镍磷合金镀层及耐腐蚀性能[J].农业工程学报,2014,15:54-61.
13. 王颖，康敏*.基于COMSOL的电喷镀阳极喷嘴设计研究[J].中国机械工程,2014,09:1180-1185.
14. 刘泽祥,康敏*,陶晓明.超声电解复合加工装置的振动系统优化设计[J].中国机械工程,2014,06:761-765.
15. 王颖 康敏，陈超，杨勇，傅秀清. 提高发动机气缸电喷镀沉积速度的工艺优化[J]. 农业工程学报, 2013, 29(19):48-54.
16. 王兴盛, 康敏. 基于 Hermite 插值的复杂光学曲面车削加工路径规划[J]. 机械工程学报, 2012, 48(11):191-198.
17. 刘泽祥, 康敏, 杨勇，傅秀清. 燃油喷射体相贯线电解修形研究[J]. 中国机械工程, 2012, 23(19):2343-2347.
18. 王兴盛, 康敏，傅秀清，李春林. 镜片精密车削表面粗糙度预测[J]. 机械工程学报, 2013, 49(15):192-198.
19. 傅秀清，康敏，杨勇，刘泽祥. 球形阴极数控电解加工的流场仿真及试验研究[J]. 中国机械工程, 2013, 24(8):1038-1042.

授权专利：

1. 橡胶片自动涂胶机，实用新型，ZL201420599275.7，2015-4-1.
2. 一种旋转超声电解复合加工主轴头，实用新型，ZL201420692428.2，2015-3-25.
3. 一种高速齿轮箱用鼓形齿式联轴器，实用新型，ZL201420652073.4，2015-3-4.
4. 稻田筑埂机，实用新型，ZL201420517606.8，2015-2-18.

	5. 玉米免耕播种喷药施肥联合作业机，实用新型，ZL201420517610.4，2015-2-4. 6. 复式耕整机，实用新型，ZL201420517607.2，2015-2-4. 7. 滚筒式种子生活力快速检测装置，实用新型，ZL201420599311.X，2015-2-4. 8. 一种自动同步离合器，实用新型，ZL201420559835.6，2015-1-21. 9. 一种高速齿轮箱性能检测试验台，实用新型，ZL201420651945.5，2015-1-21. 10. 一种微型旋耕起垄施肥播种复式作业机，实用新型，ZL201420559834.1，2015-1-14. 11. 一种微型旋耕起垄施肥播种复式作业机，实用新型，ZL201420559911.3，2015-1-7. 12. 一种简易的带土球挖树机，实用新型，ZL201420254019.4，2014-9-10. 13. 一种橡胶带自动剪切机，实用新型，ZL201420221223.6，2014-9-10. 14. 一种种子生活力快速检测装置，实用新型，ZL201420350514.5，2014-10-22. 15. 橡胶带自动剪切机，实用新型，ZL201320592644.5，2014-4-22. 16. 圆盘刀橡胶带切割机，实用新型，ZL201320592657.2，2014-4-2. 17. 一种简易实用的挖树机，实用新型，ZL201320247167.9，2013-12-18. 18. 一种柑橘采摘机器人的末端执行器，实用新型，ZL201320247166.4，2013-10-16. 19. 一种简易的盘式调节带土球挖树机，实用新型，ZL201320246725.X，2013-10-16. 20. 电解车工具阴极，发明专利，ZL200910026834.9，2012-06-27. 21. 一种简易环保的透气帽，实用新型，Z1201220252245.X，2012-12-05. 22. 吊装带印刷机，实用新型，ZL201120335522.9，2012-05-09. 23. 一种高速齿轮箱用密封迷宫，实用新型，ZL201220059091.2，2012-10-03. 24. 非球面眼镜片数控车床，实用新型，ZL201020608160.1，2011-6-15. 25. 非球面眼镜片数控车铣复合机，实用新型，ZL201020662215.7，2011-6-29. 26. 五轴数控电解加工装置，实用新型，ZL200920039584.8，2010-5-12. 27. 卧式数控电解车床，实用新型，ZL200720033744.9，2007-12-6.
奖励荣誉	2004 年度江苏省高校“青蓝工程”优秀青年骨干教师 1994-1995 年度南京农业大学“优秀教师” 1995 年校“淮阴正大奖教金” 1995 年校“青年教师优秀授课奖” 2008 年工学院“优秀党务工作者” 2008 年工学院“优秀兼职工会工作者” 2010 年工学院“优秀党务工作者”

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<tr><td>Research field</td><td colspan="5">Nontraditional Manufacturing Technology; Numerical control technology; Agricultural equipment designing and manufacturing.</td></tr>
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Standing Committee Member of Electric processing Standing Branch Committee of Jiangsu Mechanical Engineering Society.
Member of Materials and Manufacturing Technology Branch of Chinese Society of Agricultural Machinery.
Senior member of Chinese Mechanical Engineering Society.</td></tr>
<tr><td>Research projects</td><td colspan="5">1. Joint Innovation Fund Project, Teaching and Researching in Jiangsu Province - Forward-looking Joint Research Project: Development of Light-weight Rotary Ridge and Fertilizer Precision Seeder for Facility Agriculture (No. BY2013051).
2. North Jiangsu Science and Technology Special Fund (Rich the People and Strengthen the County) project: New agricultural machinery and equipment R & D platform to upgrade the file (No. BN2014019).
3. Lianyungang agricultural research project: The cultivation of the section of the efficiency of supporting equipment research and development and application (No. CN1308).
4. Huai'an Applied Research and Scientific and Technological Research (Agriculture) Project: New type high-efficiency rotary tillage sowing and fertilizing and straw fertilizer returning to farmland using double working machine (HAN2014036).
5. Huai'an key research and development projects (modern agriculture): Facilities for agricultural use of light rotary fertilizer fine precision planter research (No. HAN2015006).
6. Jiangsu Province, the policy guidance program (production and research cooperation) - prospective joint research project: High-speed gear box performance testing platform for research and development (No. BY2015071-02).
7. Enterprise project: CNC coating machine control system development.
8. Enterprise Project: Development of automotive lining cloth cutting device.
9. Enterprise Project: Ribbon automatic printer development.
10. Enterprise project: Semiautomatic hoisting and binding machine development.</td></tr>
</table>

	11. Enterprise Project: NC lens surface CNC lathe system development. 12. Enterprise Project: Development of Soil Sampler. 13. Enterprise Project: LJ25 CNC punch development. 14. Enterprise project: water mist fire extinguishing device development.
Academic achievements	Publications: 1. Higher agricultural and forestry universities "Twelfth five" planning book: Kang Min editor. CNC technology, first edition, 2015, China Agricultural Publishing House. 2. Textbooks of Universities: Liu Cunxiang, Kang Min editors. Mechanical Manufacturing Technology Foundation, 1st edition, 2008, China Agricultural University Press. 3. National Higher Agricultural College Textbooks: Zhu Sihong editor, Kang Min, Li Xiaoyu, deputy editor. Mechatronics Technology, 1st edition, 2004, China Agricultural Publishing House. Recent major papers: 1. Liu Zexiang,Kang Min*,Fu Xiuqing. Rotary Combined Ultrasonic and Electrochemical Machining Device of Small Holes and Its Test Study．Key Engineering Materials,Vol．584(2014)：54-59． 2. Liu Zexiang,Kang Min*,Fu Xiuqing. Simulation Research of Small Holes by Combined Ultrasonic and Electrochemical Machining Based on CFX．Key Engineering Materials,Vol．584(2014)：60-66． 3. Wang Ying, Kang Min*, Jin Shi Wei, Fu Xiu Qing, Wang Xing Sheng. Electrochemical behaviour in process of electrodeposition Ni-P alloy coating[J], Surface Engineering . 2014, 30(8): 557-561. 4. Xingsheng Wang, Xiuqing Fu, Chunlin Li, Min Kang. Tool path generation for slow tool servo turning of complex optical surfaces[J]. The International Journal of Advanced Manufacturing Technology, 2015, 79(1):437-448. 5. Xingsheng Wang, Marco Giovannini, Youqiang Xing, Min Kang, Kornel Ehmann. Fabrication and tribological behaviors of corner-cube-like dimple arrays produced by laser surface texturing on medical needles[J]. Tribology International, 2015(92):553-558. 6. Wang Ying, Kang Min*, Jin Shi Wei, Fu Xiu Qing. Dynamic Parameters of Jet Electrodeposition for Ni-P Alloy[J], Asian Journal of Chemistry. 2014, 26(17): 5415-5418. 7. Liu Ze Xiang, Kang Min*. The Analysis of Small Holes by RUECM.JOURNAL OF THE CHINESE SOCIETY OF MECHANICAL ENGINEERS.2014, 34(3): 197-204. 8. FU Xiuqing, XIAN Jieyu, KANG Min, XIAO Maohua， Research on Flow Field Simulation and Experiment of Numerical Control Electrochemical Turning，Key Engineering Materials，Vol.568，25-30，2013. 9. Wang Ying, Kang Min*, Yang Yong, et al. Study on the high speed jet-electrode position Ni-P alloy. Key Engineering Materials, 2013, V567, p39-44. 10. Xingshen Wang, Min Kang, Xiuqing Fu, Chunlin Li. Predictive modeling of surface roughness in lenses precision turning using regression and support vector machines. Int J Adv Manuf technol， 2013, DOI 10.1007/s00170-013-5231-3.

	11. Zhang H W, Kang M. Effects of speed ratio K value of rubber-bar on cotton harvesting performance [J]. Applied Mechanics and Research, 2012, V383-390, p3005-3010. 12. WANG Ying, KANG Min, FU Xiuqing, WANG Xingsheng.Nickel-phosphorus alloy coating and corrosion resistance of engine cylinder electro sprayed [J]. Transactions of the Chinese Society of Agricultural Engineering, 2014,15: 54-61. 13. WANG Ying, KANG Min * .Design and Study of Electrodeposited Anodic Nozzle Based on COMSOL [J]. China Mechanical Engineering, 2014,09: 1180-1185. 14. LIU Ze-xiang, KANG Min *, TAO Xiao-ming.Optimal Design of Vibration System for Ultrasonic Electrolysis Processing Unit [J]. China Mechanical Engineering, 2014,06: 761-765. 15. Yang Yingkang, Chen Chao, Yang Yong, Fu Xiuqing.Optimization of Process for Improving the Speed of Electro-deposition of Engine Cylinder [J]. Transactions of the Chinese Society of Agricultural Engineering, 2013, 29 (19): 48-54. 16. WANG Xingsheng, KANG Min.Holding Path Planning of Complex Optical Curved Surface Based on Hermite Interpolation [J]. Chinese Journal of Mechanical Engineering, 2012, 48 (11): 191-198. 17. LIU Ze-xiang, KANG Min, YANG Yong, FU Xiu-qing.A Study on Electroforming Modification of Intersecting Fuel Injection [J] .Chinese Journal of Mechanical Engineering, 2012, 23 (19): 2343-2347. 18. LIU Xing-sheng, KANG Min, FU Xiu-qing, LI Chun-lin.Calculation of Surface Roughness of Precision Turning of Lenses [J] Chinese Journal of Mechanical Engineering, 2013, 49 (15): 192-198. 19. FU Xiuqing, KANG Min, YANG Yong, LIU Zexiang.Flow field simulation and experimental study of spherical cathode NC machining [J]. China Mechanical Engineering, 2013, 24 (8): 1038-1042. Patents: 1. Rubber film automatic coating machine, utility model, ZL201420599275.7,2015-4-1. 2. A rotating ultrasonic electrolytic composite processing spindle head, utility model, ZL201420692428.2, 2015-3-25. 3. A high-speed gear box with drum-shaped gear coupling, utility model, ZL201420652073.4,2015-3-4. 4. Rice field construction ridge machine, utility model, ZL201420517606.8, 2015-2-18. 5. Corn no-tillage sowing spraying fertilization joint operation machine, utility model, ZL201420517610.4,2015-2-4. 6. Double-tillage machine, utility model, ZL201420517607.2,2015-2-4. 7. Roller seed viability rapid detection device, utility model, ZL201420599311.X, 2015-2-4. 8. An automatic synchronous clutch, utility model, ZL201420559835.6, 2015-1-21. 9. A high-speed gear box performance testing test bed, utility model, ZL201420651945.5, 2015-1-21. 10. A micro-rotary tiller ridge fertilization sowing compound operation machine, utility model, ZL201420559834.1, 2015-1-14. 11. A micro-rotary tillage fertilizer sowing compound work machine, utility model, ZL201420559911.3,2015-1-7. 12. A simple soil ball dredging machine, utility model,

	ZL201420254019.4,2014-9-10. 13. A rubber band automatic shearing machine, utility model, ZL201420221223.6, 2014-9-10. 14. A seed viability rapid detection device, utility model, ZL201420350514.5, 2014-10-22. 15. Rubber band automatic shearing machine, utility model, ZL201320592644.5, 2014-4-22. 16. Disc knife rubber belt cutting machine, utility model, ZL201320592657.2,2014-4-2. 17. A simple and practical dredging machine, utility model, ZL201320247167.9, 2013-12-18. 18. End-effector, utility model for a citrus picking robot, ZL201320247166.4, 2013-10-16. 19. A simple disk-regulated soil ball dredging machine, utility model, ZL201320246725.X, 2013-10-16. 20. Electrolytic vehicle tool cathode, invention patent, ZL200910026834.9,2012-06-27. 21. A simple and environmentally friendly breathable cap, utility model, Zl201220252245.X, 2012-12-05. 22. Hoisting with a printing press, utility model, ZL201120335522.9,2012-05-09. 23. A sealed labyrinth for high speed gear box, utility model, ZL201220059091.2, 2012-10-03. 24. Aspherical lens NC lathe, utility model, ZL201020608160.1,2011-6-15. 25. Aspherical lens NC milling machine, utility model, ZL201020662215.7,2011-6-29. 26. Five-axis CNC electrolysis processing device, utility model, ZL200920039584.8,2010-5-12. 27. Horizontal CNC electrolytic lathe, utility model, ZL200720033744.9, 2007-12-6.
Reward & honor	Jiangsu Province in 2004, "Qinglan Project" outstanding young backbone teachers 1994-1995 Nanjing Agricultural University "outstanding teachers" In 1995 the school "Huaiyin Zhengda Prize" In 1995 the school "young teachers excellent teaching award" In 2008 the Institute of "outstanding party workers" 2008 Institute of Technology "excellent part-time trade union workers" 2010 Institute of Technology "outstanding party workers"