从2005年到2006年，我院共发表科研论文110篇，其中SCI、EI30篇，核心期刊80篇，专著、教材14部。

表1为教材、专著一览表

序号	年度	教材、专著名称	作者	主编或副主编	出版社
1	2005	生物力学基础	刘志成、宋红芳	主编	首都医科大学出版社
2	2005	医用物理学	刘志成	副主编	高等教育出版社
3	2005	数字人和数字解剖学	罗述谦	副主编	山东科学技术出版社
4	2005	物理学习题集（国家十五规划教材）	孙铭	副主编	中国中医药出版社
5	2005	医学科研中的统计方法（第三版）	陈卉	副主编	科学出版社
6	2005	Internet应用技术实用教程	李宁	主编	清华大学出版社
7	2005	办公自动化技术（第2版）	李宁	主编	中国铁道出版社
8	2005	程序设计题解·综合练习	陈艳红	主编	机械工业出版社
9	2005	医学科研中的统计方法（第3版）	马斌荣	主编	人民卫生出版社
10	2005	物理学	刘筑闻	副主编	北京大学医学出版社
11	2006	Internet应用技术实用教程	李宁 王洪	主编	清华大学出版社
12	2006	中医药统计学与软件应用	孙铭	副主编	中国中医药出版社
13	2006	Visual FoxPro 项目开发实用案例	许向荣	主编	科学出版社
14	2006	计算机文化与信息技术	杜菁 陈卉	主编	中国科学技术出版社

表2为SCI、EI收录论文一览

序号	论文题目	作者	刊物名称	发表时间
1	Experimental Research on the Biomechanical Properties of the Rabbit Iris	刘志成	Proc. of 27th IEEE EMBS	2005
2	Multi-criterion Fuzzy Optimization Approach to Imaging from Incomplete Projections	罗述谦	Lecture Notes in Computer Science	2005
3	一种脑MRA图像自动分割算法及其在图像导引神经外科中的应用	罗述谦	中国生物医学工程学报	2005
4	Multi-Critrion Optimization Algorithm for X-Ray PhaseContrast CT Imaging	罗述谦	Proc. of 27th IEEE EMBS	2005
5	Diffraction Enhanced X-Ray Imaging for Observing Guinea Pig Cochlea	罗述谦	Proc. of 27th IEEE EMBS	2005
6	A Seepage Flow Model for Vertebra CT Image segmentation	李海云	EMBC05, IEEE	2005

7	A novel 3D finite element modelling based on medical image for intervertebral disc biomechanical analysis	李海云	EMBC05,IEEE	2005
8	Multi-criterion fuzzy optimization approach to imaging from incomplete projections	高欣	SCI-Springer's Lecture Notes in EI-Artificial Intelligence (LNAI) 3614	2005
9	Multi-criterion optimization algorithm for X-ray phase contrast CT imaging	高欣	EI-Proceedings of the 27th Annual Conference of IEEE Engineering in Medicine and Biology Society	2005
10	Partial Function Introducing of the Management System of Ultrasonic Digital Image in Visual C++.Net Condition	陶蔷	第27届IEEE－EMBS（IEEE－生物医学工程学会）国际年会	2005
11	Applications of Pelvic 3D reconstruction and Dimension Measurement to Colorectal Cancer Surgery	薄雪峰	第27届IEEE－EMBS（IEEE－生物医学工程学会）国际年会	2005
12	Fast Computation of Multiscale Morphological Operations for Local Contrast Enhancement	叶德荣	27th Int. Conf. of the IEEE Engineering In Medicine and Biology Society(EMBS)	2005
13	基于多尺度形态学的医学图像局部对比度增强	叶德荣	北京生物医学工程	2005
14	Effect of Preprocessing for Result of Independent Component Analysis	张韫	27th Int. Conf. of the IEEE Engineering In Medicine and Biology Society(EMBS)	2005
15	Wavelet approach in noise enhancement of balance control	周萍	27th Int. Conf. of the IEEE Engineering In Medicine and Biology Society(EMBS)	2005
16	Preliminary Application of Neural Network in Differentiating Benign from Malignant Solitary Pulmonary Nodule on HRCT	陈卉	27th Int. Conf. of the IEEE Engineering In Medicine and Biology Society(EMBS)	2005
17	Web Based Nasal Surgical Simulator Using VRML and Java	赵媛媛	27th Int. Conf. of the IEEE Engineering In Medicine and Biology Society(EMBS)	2005
18	Cross-Study Validation and Combined Analysis of Microarray Data for Cancer Using Vector Cosine Angle Method	Fan Zhang, Liu Zhicheng, Li Xia	The 27th Annual International Conference of the IEEE Engineering in Medicine and Biology Society	2005
19	Functional Site Analysis in Proteins of G Protein Signaling Pathways Using Fuzzy Evolutionary Trace Method	Fan Zhang, Liu Zhicheng, Li Xia	The 27th Annual International Conference of the IEEE Engineering in Medicine and Biology Society	2005
20	G protein binding sites analysis	Fan Zhang, Liu Zhicheng, Li Xia	FUZZY SYSTEMS AND KNOWLEDGE DISCOVERY, PT 2, PROCEEDINGS, 3614: 865-868 Part 2 2005	2005
21	Mechanism of nerve conduction block induced by high-frequency biphasic electrical currents	张旭	IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING	2006
22	A novel method for expanding current annotations in gene ontology	李霞	COMPUTATIONAL INTELLIGENCE AND BIOINFORMATICS	2006
23	An analysis of gene expression relationships between periodically expressed genes in the Hela cells	李霞	COMPUTATIONAL INTELLIGENCE AND BIOINFORMATICS	2006
24	Simulation analysis of conduction block in myelinated axons induced by high-frequency biphasic rectangular pulses	张旭	IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING	2006
25	A novel model-free approach for reconstruction of time-delayed gene regulatory networks	李霞	SCIENCE IN CHINA SERIES C-LIFE SCIENCES	2006
26	Diffraction enhanced imaging computer tomography	罗述谦	ACTA PHYSICA SINICA	2006

27	Discovery of time-delayed gene regulatory networks based on temporal gene expression profiling	李霞	BMC BIOINFORMATICS	2006
28	Intervertebral disc biomechanical analysis using the finite element modeling based on medical images	李海云	Computerized Medical Imaging and Graphics	2006
29	A micro -tomography method based on X-ray diffraction enhanced imaging for the visualization of micro -organs and soft tissues	罗述谦	Computerized medical imaging and Graphics	2006
30	基于同步辐射光源的DEI技术在豚鼠耳蜗成像中的应用	罗述谦	自然科学进展	2006