

## 2011年度我校发表在SCI学科影响因子前1/10期刊论文清单

序号	题目	第一作者	通讯作者	所在单位	影响因子	刊名	刊号	年	卷	期
1	Comparative characterization of milled wood lignin from furfural residues and corncob	布玲曦	蒋建新	材料学院	3.461	CHEMICAL ENGINEERING JOURNAL	1385-8947	2011	175	
2	Influence of dehulling pretreatment on physicochemical properties of <i>Gleditsia sinensis</i> Lam. gum	菅洪磊	蒋建新	材料学院	3.473	FOOD HYDROCOLLOIDS	0268-005X	2011	25	5
3	Simultaneous saccharification and cofermentation of lignocellulosic residues from commercial furfural production and corn kernels using different nutrient media	唐勇	蒋建新	材料学院	6.088	BIOTECHNOLOGY FOR BIOFUELS	1754-6834	2011	4	
4	Rapid microwave-assisted preparation and characterization of cellulose-silver nanocomposites	李书明	马明国	材料学院	3.628	CARBOHYDRATE POLYMERS	0144-8617	2011	83	2
5	Cellulose-silver nanocomposites: Microwave-assisted synthesis, characterization, their thermal stability, and antimicrobial property	李书明	马明国	材料学院	3.628	CARBOHYDRATE POLYMERS	0144-8617	2011	86	2
6	Structural comparison and enhanced enzymatic hydrolysis of the cellulosic preparation from <i>Populus tomentosa</i> Carr., by different cellulose-soluble solvent systems	王莹	孙润仓	材料学院	4.98	BIORESOURCE TECHNOLOGY	0960-8524	2011	102	6
7	Structural and thermal characterization of hemicelluloses isolated by organic solvents and alkaline solutions from <i>Tamarix austromongolica</i>	孙永昌	许凤	材料学院	4.98	BIORESOURCE TECHNOLOGY	0960-8524	2011	102	10
8	Production of xylooligosaccharides by xylanase from <i>Pichia stipitis</i> based on xylan preparation from triploid <i>Populus tomentosa</i>	杨海艳	许凤	材料学院	4.98	BIORESOURCE TECHNOLOGY	0960-8524	2011	102	14
9	Homogeneous butyrylation and lauroylation of poplar wood in the ionic liquid 1-butyl-3-methylimidazolium chloride	袁同琦	许凤	材料学院	4.98	BIORESOURCE TECHNOLOGY	0960-8524	2011	102	6
10	Structural Characterization of Lignin from Triploid of <i>Populus tomentosa</i> Carr.	袁同琦	许凤	材料学院	2.823	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	0021-8561	2011	59	12
11	Characterization of Lignin Structures and Lignin-Carbohydrate Complex (LCC) Linkages by Quantitative C-13 and 2D HSQC NMR Spectroscopy	袁同琦	许凤	材料学院	2.823	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	0021-8561	2011	59	19
12	Experimental investigation of stress wave propagation in standing trees	张厚江	张厚江	工学院	1.748	HOLZFORSCHUNG	0018-3830	2011	65	5
13	Performance of granular zirconium-iron oxide in the removal of fluoride from drinking water	豆小敏	豆小敏	环境学院	4.865	WATER RESEARCH	0043-1354	2011	45	12
14	Rheological and fractal characteristics of unconditioned and conditioned water treatment residuals	董玉婧	王毅力	环境学院	4.865	WATER RESEARCH	0043-1354	2011	45	13
15	The effect of polymer doses and extended mixing intensity on the geometric and rheological characteristics of conditioned anaerobic digested sludge (ADS)	王毅力	王毅力	环境学院	3.461	CHEMICAL ENGINEERING JOURNAL	1385-8947	2011	166	3
16	Genome-wide characterization of new and drought stress responsive microRNAs in <i>Populus euphratica</i>	李博生	夏新莉、尹伟伦	林学院	5.364	JOURNAL OF EXPERIMENTAL BOTANY	0022-0957	2011	62	11
17	One-Week Antihypertensive Effect of Ile-Gln-Pro in Spontaneously Hypertensive Rats	陆军	任迪峰	生物学院	2.823	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	0021-8561	2011	59	2
18	How to compute which genes control drug resistance dynamics	郭允倩	邬荣领	生物学院	6.828	DRUG DISCOVERY TODAY	1359-6446	2011	16	7-8
19	Systems mapping: how to improve the genetic mapping of complex traits through design principles of biological systems	邬荣领	邬荣领	生物学院	3.148	BMC SYSTEMS BIOLOGY	1752-0509	2011	5	

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20	Genome-wide comparison of two poplar genotypes with different growth rates	郝爽	夏新莉、尹伟伦	生物学院	4.15	PLANT MOLECULAR BIOLOGY	0167-4412	2011	76	6
21	The sucrose synthase gene family in Populus: structure, expression, and evolution	张德强	张德强	生物学院	2.335	TREE GENETICS & GENOMES	1614-2942	2011	7	3
22	Excessive reliance on afforestation in China's arid and semi-arid regions: Lessons in ecological restoration	曹世雄	曹世雄	水保学院	6.594	EARTH-SCIENCE REVIEWS	0012-8252	2011	104	4
23	Impact of China's Large-Scale Ecological Restoration Program on the Environment and Society in Arid and Semiarid Areas of China: Achievements, Problems, Synthesis, and Applications	曹世雄	曹世雄	水保学院	4.841	CRITICAL REVIEWS IN ENVIRONMENTAL SCIENCE AND TECHNOLOGY	1064-3389	2011	41	4
24	Effects of antecedent soil moisture on runoff modeling in small semiarid watersheds of southeastern Arizona	Zhang, Y	外单位人员	水保学院	3.148	HYDROLOGY AND EARTH SYSTEM SCIENCES	1027-5606	2011	15	10
25	Biophysical control of whole tree transpiration under an urban environment in Northern China	陈立新	张志强	水保学院	2.656	JOURNAL OF HYDROLOGY	0022-1694	2011	402	3-4