

江西农业大学 林学院



江西省森林培育重点实验室

Jiangxi Provincial Key Laboratory of Silviculture

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科学研究

学术论文

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研究方向	发表论文			
基金课题	1	GSA-1/ARG1 protects root gravitropism in Arabidopsis under ammonium stress	邹娜 (1/8)	New Phytologist, 2013,200: 97-111 (SCI)
学术成果	2	Genetic diversity of the fungal pathogen Metarhizium spp., causing epizootics in Chinese burrower bugs in the Jingting Mountains, eastern China	栾丰刚 (1/5)	Molecular Biology Reports, 2013,40,(1):515-523 (SCI)
学术论文	3	Phosphorus enrichment helps increase soil carbon mineralization in vegetation along an urban-to-rural gradient	陈伏生 (1/4)	Applied Soil Ecology, 2013, 75: 181-188 (SCI)
专著	4	Exogenous nutrient manipulations alter endogenous extractability of carbohydrates in decomposing foliar litters under a typical mixed forest of subtropics	陈伏生 (1/3)	Geoderma,2013,214-215:19-24 (SCI)
获奖成果		Effects of Surfactants on the	王鹏	Asian journal of chemistry, 2013,25
科普宣传				

5	Microstructure Characteristics of Alumina Microfibers	(1/6)	(16): 9055-9058 (SCI)
6	The effect of mating frequency and mating pattern on female reproductive fitness in cabbage beetle, <i>Colaphellus bowringi</i>	刘兴平 (1/2)	Entomologia Experimentalis et Applicata, 2013,146(3): 379-385(SCI)
7	Determinants of plant species richness in different wetland types along a hydrological gradient: implications for conservation	施建敏 (1/5)	Polish journal of ecology, 2013,61(4): 673-682 (SCI)
8	Influence of photoperiod on the development of diapause in larvae and its cost for individuals of a univoltine population of <i>Dendrolimus punctatus</i>	曾菊平 (1/3)	Eur. J. Entomol, 2013,110(1): 95-101 (SCI)
9	New combinations in <i>Persicaria</i> (Polygonaceae: Persicarieae) for the Flora of China.	张志勇 (T/4)	Phytotaxa, 2013,91(1):24-26 (SCI)
10	A contribution to the Flora of North America: synonymy and lectotypification of <i>Coptis laciniata</i> (Ranunculaceae).	张志勇 (T/3)	Phytotaxa, 2013, 131(1): 58-60 (SCI)
11	Comparative phylogeography of two sympatric beeches in subtropical China: Species-specific geographic mosaic of lineages	张志勇 (T/7)	Ecology and evolution, 2013,3(13): 4461-4472 (SCI)
			Biotechnology and

12	Growth and Triterpenic Acid Accumulation of <i>Cyclocarya paliurus</i> Cell Suspension Cultures	上官新晨 (T/5)	Bioprocess Engineering, 2013,18(3):606-614 (SCI)
13	Molecular phylogeography of <i>Fagus engleriana</i> (Fagaceae) in subtropical China: limited admixture among multiple refugia.	张志勇 (T/6)	Tree Genetics and Genomes, 2013,8: 1203-1212 (SCI)
14	Variation Characteristics of Hydrothermal Resources Effectiveness Under the Background of Climate Change in Southern Rice Production Area of China	叶清 (1/5)	Journal of Integrative Agriculture, 2013,12(12): 2260-2279 (SCI)
15	Ammonium-induced loss of root gravitropism is related to auxin distribution and TRH1 function, and is uncoupled from the inhibition of root elongation in <i>Arabidopsis</i> .	邹娜 (1/2)	Journal of Experimental Botany, 2012,63, (10): 3777-3788 (SCI)
16	Endogenous versus exogenous nutrient affects C, N, and P dynamics in decomposing litters in mid-subtropical forests of China.	陈伏生 (1/4)	Ecological Research, 2012, 27: 923-932. (SCI)
17	Leaf traits and relationships differ with season as well as among species groupings in a managed Southeastern China forest landscape.	陈伏生 (1/4)	Plant Ecology, 2012, 213: 1489-1502. (SCI)
	Analysis of culturable fungal diversity	栾丰刚	African Journal of Microbiology Research, 2012,6

18	in rhizosphere soil of healthy and diseased cotton in Southern Xinjiang	(1/6)	(47):7357-7364 (SCI)
19	Effects of single and mixed species forest ecosystems on diversity and function of soil microbial community in subtropical China	刘苑秋 (T/4)	Journal of Soils Sediments, 2012,12, (2) : 228-240 (SCI)
20	The long-term effects of reforestation on soil microbial biomass carbon	刘苑秋 (1/7)	Forest Ecology and Management, 2012,285:77-84 (SCI)
21	Bioactive ingredient levels of tea leaves are associated with leaf Al level interactively influenced by acid rain intensity and soil Al supply.	陈伏生 (3/4)	Journal of Food, Agriculture & Environment, 2012, 10 (3&4): 1801-1886. (SCI)
22	Responses of soil dissolved organic matter to long-term plantations of three coniferous tree species	郭晓敏 (T/7)	Geoderma, 2012,170:136-143 (SCI)
23	Sub-tropic degraded red soil restoration:Is soil organic carbon build-up limited by nutrients supply	郭晓敏 (T/6)	Forest Ecology and Management, 2013,
24	Nitrogen and phosphorus additions alter nutrient dynamics but not resorption efficiencies of Chinese fir leaves and twigs differing in age	陈伏生 (T/6)	Tree Physiology, 2015,
	Repeated range expansions and inter-/postglacial recolonization routes of		Molecular

25	Sargentodoxa cuneata (Oliv.) Rehd. et Wils. (Lardizabalaceae) in subtropical China	张志勇 (T/6)	Phylogenetics and Evolution, 2015,
26	Topsoil and Deep Soil Organic Carbon Concentration and Stability Vary with Aggregate Size and Vegetation Type in Subtropical China	方向民 (1/5)	PLOS ONE, 2015,
27	Synthesis of ordered porous SiO ₂ with pores on the border between the micropore and mesopore regions using rosin-based quaternary ammonium salt	王鹏 (1/5)	RSC Advances, 2015,
28	Effects of climate change on suitable rice cropping areas, cropping systems and crop water requirements in southern China	叶清 (1/6)	Agricultural Water Management, 2015,
29	The influence of female age on male mating preference and reproductive success in cabbage beetle, <i>Colaphellus bowringi</i>	刘兴平 (1/6)	Insect Science, 2014,
30	Comparison of sexual compatibility in crosses between the southern and northern populations of the cabbage beetle <i>Colaphellus bowringi</i>	刘兴平 (1/5)	Insect Science, 2014,
31	Increases in soil CO ₂ and N ₂ O emissions with warming depend on plant species in restored alpine meadows of Wugong Mountain, China	张令 (1/7)	Journal of Soils and Sediments, 2015,
	Aerial Seeding: An Effective Forest		

32	Restoration Method in Highly Degraded Forest Landscapes of Sub-Tropic Regions	欧阳勋志 (T/6)	Forests, 2015
33	Impact of Dilute Sulfuric Acid Pretreatment on Fermentable Sugars and Structure of Bamboo for Bioethanol Production	陈尚铎 (1/6)	Bioresources, 2014
34	Interactive effects of elevated CO ₂ and nitrogen deposition accelerate litter decomposition cycles of invasive tree (<i>Triadica sebifera</i>)	张令 (1/6)	Forest Ecology and Management, 2016
35	Soil Respiration and Litter Decomposition Increased Following Perennial Forb Invasion into an Annual Grassland	张令 (1/6)	Pedosphere, 2016
36	Alpine meadow restorations by non-dominant species increased soil nitrogen transformation rates but decreased their sensitivity to warming	张令 (1/6)	Journal of Soils and Sediments, 2016
35	Impact of Grassland Reseeding, Herbicide Spraying and Ploughing on Diversity and Abundance of Soil Arthropods	刘玮 (1/5)	Frontiers in Plant Science, 2016
37	Degradation of litter quality and decline of soil nitrogen mineralization after moso bamboo (<i>Phyllostachys pubescens</i>) expansion to neighboring broadleaved forest in subtropical China	杨清培 (T/6)	Plant soil, 2016
	Comprehensive analysis of multi-tissue		

38	transcriptome data and the genome-wide investigation of GRAS family in <i>Phyllostachys edulis</i>	黎祖尧 (T/7)	Scientific Reports, 2016
39	Long-term fertilization increases soil nutrient accumulations but decreases biological activity in navel orange orchards of subtropical China	陈伏生 (T/8)	Journal of Soils and Sediments, 2016
40	Arbuscular mycorrhizal fungi in soil and roots respond differently to phosphorus inputs in an intensively managed calcareous agricultural soil	刘玮 (1/6)	Scientific Reports, 2016
41	The use of DNA barcoding on recently diverged species in the genus <i>Gentiana</i> (Gentianaceae) in China	刘娟 (1/6)	PLoS ONE, 2016
42	Reproductive behavior of the masson pine caterpillar, <i>Dendrolimus punctatus</i> (Lepidoptera: Lasiocampidae) under laboratory conditions	刘兴平 (1/6)	Applied Entomology and Zoology, 2016
43	Effects of understory plant root growth into the litter layer on the leaf litter decomposition of two woody species in a subtropical forest	陈伏生 (T/6)	Forest Ecology and Management, 2016
44	Exogenous nutrients and carbon resource change the responses of soil organic matter decomposition and nitrogen immobilization to nitrogen deposition	陈伏生 (T/6)	Scientific Reports, 2016
	Pine caterpillar outbreak and stand density impacts on nitrogen and		Canadian Journal of

45	phosphorus dynamics and their stoichiometry in Masson pine (<i>Pinus massoniana</i>) plantations in subtropical China	陈伏生 (T/6)	Forest Research, 2016
46	The effects of forest type on soil microbial activity in Changbai Mountain, Northeast China	方向民 (1/7)	Annals of Forest Science, 2016
47	Interactive effects of temperature and moisture on CO ₂ and CH ₄	孙燕妮 (1/7)	Biology and Fertility of Soils, 2016
48	Genetic diversity and population structure of the Chinese Fungus <i>Metarhizium rileyi</i> causing green muscardine in silkworm	栾丰刚 (T/5)	Journal of Invertebrate Pathology, 2016
49	Lectotypification of 11 names of <i>Eurya</i> for the Flora of China	季春峰 (1/4)	Phytotaxa, 2016
50	Effects of simulated acid rain and Aluminum enrichment on growth and photosynthesis of tea seedlings.	陈伏生 (3/4)	Advanced Materials Research, 2013(610-613): 181-185. (EI)
51	Dilute Sulfuric Acid Pretreatment and Enzymatic Hydrolysis of Corn Stover into Fermentable Sugars	陈尚钊 (1/4)	Advanced Materials Research, 2012,535-537:2462-2468 (EI)
	Waterbirds as bioindicators of wetland	张微微	Procedia environmental

52	heavy metal pollution	(1/2)	sciences, 2012,10:2769-2774 (EI)
53	Molecular interactions between terpenoid mosquito repellents and human-secreted attractants	廖圣良 (1/6)	Bioorganic & Medicinal Chemistry Letters, 2014,
54	Intraspecific spatial niche differentiation: Evidence from <i>Phyllostachys edulis</i>	杨清培 (1/3)	Acta Ecologica Sinica, 2013,33:287-292
55	Biomass and Carbon Storage in an Age-Sequence of Korean Pine (<i>Pinus koraiensis</i>) Plantation Forests in Central Korea	李晓东 (1/8)	Forest Science and Technology, 2013,9(1): 39-44
56	Notes on the biomass expansion factors of <i>Quercus mongolica</i> and <i>Quercus variabilis</i> forests in Korea	李晓东 (1/6)	Journal of Ecology and Field Biology, 2012,35(3):243-249

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