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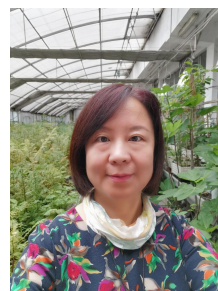
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一、教育背景

1985.09-1989.07 东北师范大学, 化学系 学士

1989.09-1992.07 东北师范大学, 化学系 硕士

1999.09-2002.03 东北林业大学, 植物学 博士

二、工作经历

1990.07-1999.09 哈药集团技术中心 课题负责人

2003.05-2004.04 德国海德堡大学 药学与分子生物学 博士后

2002.03-2014.03 东北林业大学森林植物生态学教育部重点实验室 副主任

2014.04-2020.05 东北林业大学森林植物生态学教育部重点实验室 主任

2020.06-至今 北京林业大学, 林学院森林学学科 教授

三、研究方向

林木次生代谢产物调控机制研究与抗逆性育种

四、研究项目

[1]国家自然科学基金重点基金项目, 森林植物资源多功能成分协同代谢调控机制及其利用规律解析, 286万元, 2020.01-2024.12, 主持

[2]国家外国专家局高等学校学科创新引智计划(111计划), 特色森林资源学科创新引智基地, 900万, 2020.01-2024.12, 主持

[3]国家重点研发计划项目, 林源活性成分高效修饰与制剂制备关键技术, 560万, 2016.7-2020.12, 主持

[4]国家自然科学基金面上项目, 多孔纤维素基紫杉烷类成分分子印迹材料的构建、表征及识别机制研究, 60万,

[5] 国家林业局林业标准制修订项目，对工小北红立柱竹研贝砾钙且及体扩果略，10万元，2010.01-2010.12，主持

[6] 国家林业局林业标准制修订项目，林下经济（中药材种植）示范基地建设标准，15万元，2018.01-2019.12，主持

[7] 浙江海正药业股份有限公司合作项目，络生骨胶囊品质提升研究，45万元，2020.03-2022.03，主持

[8] 中国工程院咨询项目，林木枝叶加工利用产业发展战略研究，16万，2019.03-2020.09，主持

[9] 中央高校基本科研业务费专项资助基金项目，典型林源活性成分加工利用关键技术，55万，2017.06-2019.12，主持

[10] 哈尔滨市应用技术与开发项目，木豆叶提取物及其单体成分抗动脉粥样硬化斑块新药研发，100万，2014.1-2016.12，主持

[11] 国家自然科学基金面上项目，改性纤维素固载化杂多酸催化体系的构建表征及其催化林木种子油转化生物柴油反应动力学研究，80万，2013.1-2016.12，主持

五、发表文章

[1] Yang Q., Song Z., Dong B., Niu L., Cao H., Li H., Du T., Liu T., Yang W., Meng D., Fu Y*. (2020). Hyperoside regulates its own biosynthesis via MYB30 in promoting reproductive development and seed set in okra. *Plant Physiology*, *Accept.*

[2] Yang Qing; Dong Biying; Wang Litao; Song Zhihua; Niu Lili; Li Hanghang; Cao Hongyan; Meng Dong*; Fu Yujie*. AeCDPK6 phosphorylates and stabilizes AeMYB30 promoting hyperoside biosynthesis to prolong full-blooming period in okra. *Journal of Experimental Botany*, 2020. doi.org/10.1093/jxb/eraa174.

[3] Dong Meng, Qing Yang, Biying Dong, Zhihua Song, Lili Niu, Litao Wang, Hongyan Cao, Hanghang Li, Yujie Fu*. Development of an efficient root transgenic system for pigeon pea and its application to other economically important plants, *Plant Biotechnology Journal*. 2019. doi: 10.1111/pbi.13101.

[4] Li-tao Wang, Qing Yang, Qi Cui, Xiao-Hong Fan, Ming-Zhu Dong, Ming-Zhu Gao, Mu-Jie Lv, Juan-Yan An, Dong Meng, Xiu-Hua Zhao, Yu-Jie Fu*. Recyclable menthol-based deep eutectic solvent micellar system for extracting phytochemicals from Ginkgo biloba leaves. *Journal of Cleaner Production*. 2020

[5] Qing-Yan Gai, Jiao Jiao, Meng Luo, Wei Wang, Li-Ping Yao, Yu-Jie Fu*. Deacetylation biocatalysis and elicitation by immobilized *Penicillium canescens* in *Astragalus membranaceus* hairy root cultures: towards the enhanced and sustainable production of astragaloside IV. *Plant Biotechnology Journal*. 2017

[6] Song Zhihua; Dong Biying; Yang Qing; Niu Lili; Cao Hongyan; Rohul Amin; Li Hanghang; Meng Dong*; Fu Yujie*. Screening of CBL genes in pigeon pea with focus on the functional analysis of CBL4 in abiotic stress tolerance and flavonoid biosynthesis. *Environmental and Experimental Botany*. 2020. Doi: 10.1016/j.envexpbot.2020.104102.

[7] Xiao-Hong Fan1, Yuan-Hang Chang1, Li-Tao Wang, Ya-Wei Zhu, Ming-Zhu Dong, Mu-Jie Lv, Juan-Yan An, Qing Yang, Jiao Jiao, Dong Meng and Yu-jie Fu*. A simple and efficient sample preparation for taxanes in *Taxus chinensis* needles with natural menthol-based aqueous deep eutectic solvent. *Journal of Separation Science*. 2020

[8] Hongyan Cao1, Rohul Amin1, Lili Niu, Zhihua Song, Biying Dong, Hanghang Li, Litao Wang, Dong Meng, Qing Yang* and Yujie Fu*. Multidimensional analysis of actin depolymerizing factor family in pigeon pea under different environmental stress revealed specific response genes in each subgroup. *Functional Plant Biology*. 2020

[9] Juan-Yan An1, Li-Tao Wang1, Mu-Jie Lv, Jian-Dong Wang, Zi-Hui Cai, Yan-Qiu Wang, Su Zhang, Qing Yang, Yu-Jie Fu. An efficiency strategy for extraction and recovery of ellagic acid from waste chestnut shell and its biological activity evaluation. *Microchemical Journal*. 2020

[10] Ming-Zhu Dong, Juan-Yan Ana, Li-TaoWang, Xiao-HongFan, Mu-JieLva, Ya-WeiZhu, Yuan-HangChang, Dong Meng, Qing Yanga, Yu-Jie Fu*. Development of fermented chestnut with *Bacillus natto*: Functional and sensory properties. *Food Research International*. 2020

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Crops and Products. 2019.

[12] Zhihua Song, Lili Niu, Qing Yang, Biying Dong, Litao Wang, Mingzhu Dong, Xiaohong Fan, Yue Jian, Dong Meng*, Fu Yujie*. Genome-wide identification and characterization of UGT family in pigeonpea (*Cajanus cajan*) and expression analysis in abiotic stress. *Trees*. 2019. doi: 10.1007/s00468-019-01833-6.

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[19] Chen Shen, Xi-qing Wang, Ya-wei Zhu, Jiao Jiao, San-san Bao, Ping Kou, Hong-yi Pan, Yan-yan Li, Yu-jie Fu*. A green one-pot method for simultaneous extraction and transesterification of seed oil catalyzed by a p-toluenesulfonic acid based deep eutectic solvent. *Industrial Crops and Products*. 2020.

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[21] Hong-yi Pan, Ping Kou, Jie Yang, Li-li Niu, Ning Wan, Chun-jian Zhao, Zhi-guo Liu, Cheng-bo Gu, Yu-jie Fu?. A novel approach for efficient extraction and enrichment of phytochemicals with CO₂-based switchable-solvent from pigeon pea leaves. *Journal of Cleaner Production*. 2020.

六、专利

1. 付玉杰, 孟冬, 牛丽丽, 杨清, 董碧莹, 宋治华. 一种经济植物有效根系转基因系统的构建方法. 201910133371.X (已授权)
2. 付玉杰, 杨清, 宋治华, 孟冬, 董碧莹, 牛丽丽. 一种延长金葵花开花时间的药液及其喷洒方法. 201911018226.3 (实审中)
3. 付玉杰, 王立涛, 孟冬, 杨清, 崔琦, 董明珠, 高明珠. 一种从桑叶中高效快速分离纯化咖啡酰基奎宁酸异构体的方法. 201910231500.9 (实审中)
4. 付玉杰, 王立涛, 杨清, 孟冬, 牛丽丽, 樊小红, 简悦. 一种快速定性与定量分析银杏叶中3类活性成分的含量测定方法. 201910231409.7 (实审中)

201911555201.9 (实审中)

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院士	7. 杨清, 宋治华, 付玉杰, 孟冬, 董碧莹, 牛丽丽, 杜婷婷. 一种促进木豆种子快速萌发生成幼苗的培养方法. (实审中)
教授	8. 杨清, 孟冬, 董碧莹, 付玉杰, 牛丽丽, 宋治华. 一种发根农杆菌介导的转基因植物的构建方法. 201910132872.6 (实审中)
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讲师	2003.05-2004.04 德国海德堡大学 药学与分子生物学 博士后
海外名师	2012.06-2012.08 德国美因茨大学 生物制药与生物化学 访问学者
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