**陕西省植物学会2019年优秀论文获奖名单**

**一等奖共计8名**

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| **报告人** | **论文题目** |
| 余 丽、李登武 | Efficient Approach for the Quality Evaluation of Different Varieties of Zanthoxylum bungeanum Maxim. Peels Based on Phenolic Profiles, Bioactivity and HPLC Fingerprint |
| 党 萌、赵 鹏 | Pollen-mediated gene flow among closely related species in sympatric populations：a case study of three species of *Juglans* |
| 李 倩、李阳、王宇超、毛祝新、魏莹、岳明 | 茉莉酸参与异质性UV-B环境下活血丹生理整合作用 |
| 刘米利、李忠虎 | Did the Qinling Mountains as an isolation barrier or migration corridor of species evolution? Evidence from the population evolutionary history of an alpine cold-tolerant herb *Notopterygiumoviforme* |
| 田婷婷、徐瑶、向成城、柴永福、刘培亮、岳明 | Scale-dependency of secondary forest community assembly in the Loess Plateau:based on plant DNA barcode |
| 苏冰倩、上官周平 | Trade-off analyses of plant biomass and soil moisture relations along a precipitation gradient on the Loess Plateau |
| 王建武、梁爽、相微微、代惠萍、段仪忠、亢福仁、柴团耀  | A repeat region from the *Brassica junceaHMA4* gene *BjHMA4R* is specifically involved in Cd2+ binding in the cytosol under low heavy metal concentrations |
| 苏 珊、张小卉、任毅 | 小檗科花瓣发育及结构研究 |
| **二等奖共计10篇** |
| 何 鹏、肖光辉、张丽华、赵丽、汤梅菊、安莹杰、俞嘉宁 | *Ghatp1*基因发生RNA编辑调控能量产生及纤维伸长 |
| Hanif Khan、Irfan Ullah、Ming Yue、Peng Zhao | Population genetic and ecological insights into the history of common walnut (*Juglansregia* L.) in Eurasia |
| 吴照晨、王冬梅 | Metabolome and transcriptome analysis reveal difference of sanshool compound in varieties of *Zanthoxylumbungeanum* Maxim.by HPLC-fingerprint and high-throughput sequencing |
| 赵丹妮、张建强、任毅 | 植物叶绿体基因组在适应高海拔环境中的演化：以红景天属（景天科）为例 |
| 贾 芸、李忠虎 | Effect of reforestation on the genetic composition of species: evidence from a Chinese white pine *Pinus armandii* |
| 冯 力、王一涵、王戌梅 | Niche dynamics within the Quercus aquifolioides, insights into intraspecific niche estimation integrating phylogenetic information |
| 李秋洁、赵亮 | Efficient identification of *Pulsatilla* (Ranunulaceae) using DNA barcodes and micro-morphological characters |
| 刘进玉、谭康、王春博、苏慧 | 拟南芥根毛细胞中胞核回迁的细胞学机理 |
| 鬲晓敏、贺军民 | UV-B辐射对拟南芥保卫细胞乙烯生成的影响及其与UVR8信号通路的关系 |
| 李博园、王娟、陈旋勐、陈莹 | 细胞程序性死亡参与了白芷根中裂生型分泌道的形成 |

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