

2021年第一季度“季度之星”学术论文拟获评名单

序号	论文题目	论文英文题目	参评类别
1	乳酸菌发酵提高个体蛋清蛋白起泡特性的机制研究	Mechanism study on enhanced foaming properties of individual albumen proteins by Lactobacillus fermentation	基础研究类
2	菊苣酸甲基化代谢产物改善过氧化氢(H ₂ O ₂)诱导的HepG2细胞氧化应激	Methylated metabolites of chicoric acid ameliorate hydrogen peroxide (H ₂ O ₂)-induced oxidative stress in HepG2 cells	基础研究类
3	上海市产CTX-M-55型超广谱β-内酰胺酶的肠炎血清型沙门氏菌的流行病学及特征分析	Epidemiology and Characterization of CTX-M-55-Type Extended-Spectrum β-Lactamase-Producing <i>Salmonella enterica</i> Serovar Enteritidis Isolated from Patients in Shanghai, China	基础研究类
4	碳布上硒化碳纳米膜的表面工程：一种用于亚硝酸盐检测的先进超灵敏自支撑无粘结剂电极	Surface engineering of carbon selenide nanoflms on carbon cloth: An advanced and ultrasensitive self-supporting binder-free electrode for nitrite sensing	基础研究类
5	石墨相氮化碳基纳米结构材料对食源性致病菌的光动力学杀灭：合成、效力及机制	Graphitic carbon nitride (g-C ₃ N ₄)-based nanostructured materials for photodynamic inactivation: Synthesis, efficacy and mechanism	基础研究类
6	山楂水提物中酚类化合物组成、抗氧化活性及其体外消化稳定性研究	Phenolic profiles and antioxidant activity of <i>Crataegus pinnatifida</i> fruit infusion and decoction and influence of in vitro gastrointestinal digestion on their digestive recovery	应用研究类