

序号	论文题目	前三名作者	推荐等级
1	Bionic microenvironment-inspired synergistic effect of anisotropic micro-nanocomposite topology and biology cues on peripheral nerve regeneration (生物仿生微环境启发的各向异性微纳复合拓扑结构生物微环境协同促进周围神经再生)	李贵才、郑田田、吴林良	一等奖
2	The generation of PD-L1 and PD-L2 in cancer cells: From nuclear chromatin reorganization to extracellular presentation (肿瘤细胞产生PD-L1和PD-L2的机制: 从染色质结构改变到细胞外分泌)	吴常玥;范志伟;范义辉	一等奖
3	Diminishing Interfacial Turbulence by Colloid-Polymer Electrolyte to Stabilize Zinc Ion Flux for Deep-Cycling Zn Metal Batteries 降低界面湍流通过胶体-聚合物电解质稳定锌离子通量以实现深度循环锌金属电池	周金秋, 张莉芳, 钱涛	一等奖
4	Smart Supervision of Cardiomyopathy Based on Fuzzy Harris Hawks Optimizer and Wearable Sensing Data Optimization: A New Model 基于模糊哈里斯鹰算法和可穿戴传感器数据的智能监督新模型	丁卫平, Mohamed Abdel-Basset, Khalid A.	二等奖
5	Genome-wide chromatin accessibility analysis unveils open chromatin convergent evolution during polyploidization in cotton (基因组水平染色质可及性分析揭示棉花多倍体化过程中开放染色质收敛进化特征)	韩金磊、Lopez-Arredondo Damar、余光润	二等奖
6	英文: Icing on the cake: combining a dual PEG-functionalized pillararene and an A-D-A small molecule photosensitizer for multimodal phototherapy 锦上添花: 一种双PEG功能化柱状芳烃与A-D-A小分子光敏剂用于多模态光疗	卢冰、张哲成、计杨超伟	二等奖
7	SIRT1 deficiency increases O-GlcNAcylation of tau, mediating synaptic tauopathy (SIRT1影响tau蛋白糖基化在突触tau病理中的作用)	尹晓敏, 李媛媛, 樊星	二等奖
8	Synergistic combination of Pd nanosheets and porous Bi(OH)3 boosts activity and durability for ethanol oxidation reaction	袁小磊, 邓呈维, 黄嘉禄	二等奖
9	英文: High-performance CdSe/CdS@ZnO quantum dots enabled by ZnO sol as surface ligands: A novel strategy for improved optical properties and stability 高性能CdSe/CdS@ZnO量子点: 以ZnO溶胶为配体实现性能提升, 一种改善光学性质和稳定性的新策略	张雷	二等奖
10	水系锌离子电池聚阴离子电极材料的进展、挑战和展望 (Progress of phosphate-based polyanion cathodes for aqueous rechargeable zinc batteries)	宾端、杜妍妍、杨贝贝	三等奖
11	Intelligent bearing structure and temperature field analysis based on finite element simulation for sustainable and green manufacturing 基于有限元模拟的智能轴承结构和温度场分析	陈金海、张文远、王恒	三等奖
12	Eco-environmental evolution of a freshwater lake in a semiarid grassland from the perspective of Cladocera zooplankton: The impacts of climate change and human disturbance 从溞类动物群落演化的视角看干旱半干旱地区草原湖泊生态环境演变过程: 来自气候变化和人类干扰的影响	程龙娟, 薛滨, Edyta Zawisza	三等奖
13	Magnetic Testis Targeting and Magnetic Hyperthermia for Noninvasive, Controllable Male Contraception via Intravenous Administration (睾丸磁靶向和磁热疗经静脉注射实现无创、可控的雄性避孕)	丁伟华、陈志川、顾亚云	三等奖
14	认知灵活性对概率类别学习的影响	冯霞, 冯成志	三等奖
15	Robust Petri net controllers for flexible manufacturing systems with multitype and multiunit unreliable resources含多类型多单元不可靠资源的柔性制造系统的鲁棒Petri网控制器	刘慧霞、冯彦翔、李俊红	三等奖

16	CD4 ⁺ T淋巴细胞上的多巴胺D2受体对帕金森病模型小鼠的神经炎症和神经元退变具有保护作用 Dopamine receptor D2 on CD4 ⁺ T cells is protective against neuroinflammation and	刘展, 翟小润, 杜中帅	三等奖
17	Precisely controlled and deeply penetrated micro-nano hybrid multifunctional motors with enhanced antibacterial activity against 精确控制的高穿透性微纳米多功能马达治疗细菌生物被膜	秦玉岭 冀海伟 王琦	三等奖
18	基于规范变量残差的化工过程微小故障检测与诊断	商亮亮、陆智林、文传博	三等奖
19	CD44 deficiency represses neuroinflammation and rescues dopaminergic neurons in a mouse model of Parkinson's disease	孙诚, 王玥珺, 李立	三等奖
20	TAK1 Phosphorylates RASSF9 and Inhibits Esophageal Squamous Tumor Cell Proliferation by Targeting theRAS/MEK/ERK Axis	汤欣, 史辉, 鞠前前	三等奖
21	异形管道内跨模式全景深成像方法与装置	王爽杰, 邢强*, 王周义	三等奖
22	砷暴露对小鼠大脑阿尔茨海默病样病变的影响及相关机制探讨 The effects of antimony on Alzheimer's disease-like pathological changes in mice brain	王晓珂、赵新元、吴启运	三等奖
23	具有主动可调电流响应及放大功能的PNP型纳流控三极管 PNP Nanofluidic Transistor with Actively Tunable Current Response and Ionic Signal	吴增强、胡玉林、潘忠芹	三等奖
24	Tensile mechanical behavior and failure mechanisms of fiber metal laminates under various temperature environments	姚潞, 张绍峰, 曹小建	三等奖
25	丝瓜络基碳材料的电磁波吸收性能研究	叶伟、余进、龙啸云	三等奖
26	孕期疲乏对胎儿体格发育的影响	张凤、吴璠、刘华华	三等奖
27	混合励磁轴向磁通切换永磁电机全速域无位置传感器控制	张蔚、王家乐、梁愷彦	三等奖
28	An analgesic peptide H-20 attenuates chronic pain via the PD-1 pathway with few adverse effects (镇痛肽H-20通过PD-1途径减轻慢性疼痛且副作用少)	赵龙、罗浩、马钰	三等奖
29	基于定量反馈理论的时滞系统自抗扰控制参数整定	赵天烽、程赟、华亮	三等奖
30	Event-triggered synchronization of switched nonlinear system based on sampled measurements	周磊、刘畅、潘睿	三等奖