

截至 2025 年 4 月，在 Wiley 期刊中引用天津市倍思乐色谱技术开发中心微球产品的论文清单（总数为 52 篇）：

1. Ying Zou, Mibu Cao, Meiling Tai, Haoxian Zhou, Li Tao, Shu Wu, Kaiye Yang, Youliang Zhang, Yuanlong Ge, Hao Wang, Shengkang Luo, Zhenyu Ju, A Feedback Loop Driven by H4K12 Lactylation and HDAC3 in Macrophages Regulates Lactate-Induced Collagen Synthesis in Fibroblasts Via the TGF- β Signaling, *Advanced Science*, Volume 12, Issue 13, 2025, 2411408.
2. Meng Zhang, Ruoting Zhang, Yuebing Kong, Jiawen Li, Guoxia Wang, Deyi Wu, Hainan Lan, Min Wu, Microplastics Exposure Causes the Growth Hormone Resistance on the Stem Cell, *Journal of Biochemical and Molecular Toxicology*, Volume 39, Issue 2, 2025, e70176.
3. Qingqing Zhang, Yuanyuan Lang, Xiaomin Tang, Wenshu Cheng, Zugen Cheng, Mohammad Rizwan, Lixin Xie, Yanling Liu, Hengyi Xu, Yang Liu, Polystyrene microplastic-induced endoplasmic reticulum stress contributes to growth plate endochondral ossification disorder in young rat, *Environmental Toxicology*, Volume 39, Issue 6, 2024, Pages 3314-3329.
4. Zongshan Zhao, Jiaqiang Yao, Haimei Li, Jing Lan, Yan Bao, Lining Zhao, Wansong Zong, Yanmin Long, Lei Feng, Henner Hollert, Xingchen Zhao, Binding of Perfluoroalkyl Substances to Nanoplastic Protein Corona Is pH-Dependent and Attenuates Their Bioavailability and Toxicity, *Small Science*, Volume 4, Issue 12, 2024, 2400255.
5. Xin Shi, Qing He, Wei Tan, Yuwen Lu, Guorui Zhu, Experiment study on focusing pattern prediction of particles in asymmetric contraction–expansion array channel, *ELECTROPHORESIS*, Volume 45, Issue 23-24, 2024, Pages 2169-2181.
6. Bowen Yu, Yuan Ma, Yujiao Wang, Lele Song, Guoxu Yu, Xuanhe Zhang, Qingyi Wang, Zuobo Pang, Ye Zhang, Qi Wang, Jiadao Wang, Self-Assembly Hybrid Manufacture of Nanoarrays for Metasurfaces, *Small Methods*, Early View, 2024, 2401288.
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8. Peirong Cai, Yaling Wang, Nannan Feng, Hui Zou, Jianhong Gu, Yan Yuan, Xuezhong Liu, Zongping Liu, Jianchun Bian, Polystyrene nanoplastics aggravate reproductive system damage in obese male mice by perturbation of the testis redox homeostasis, *Environmental Toxicology*, Volume 38, Issue 12, 2023, Pages 2881-2893.
9. Yuchi Liu, Huaiyu Li, Xiangpeng Liang, Haitao Deng, Xinran Zhang, Hadi Heidari, Rami Ghannam, Xiaosheng Zhang, Speech Recognition Using Intelligent Piezoresistive Sensor Based on Polystyrene Sphere Microstructures, *Advanced Intelligent Systems*, Volume 5, Issue 7, 2023, 2200427.
10. Yue Xiong, Zhuhui Chen, Peng-Bo Duan, Ranran Ma, Gisèle Ineza Urujeni, E-Hu Liu, Deli Xiao, Construction of coaxial liquid centrifugal platform for the extraction of active ingredients from natural products, *Journal of Separation Science*, Volume 46, Issue 11, 2023, e2300037.
11. Qihui Kuang, Likun Gao, Lixiang Feng, Xi Xiong, Jun Yang, Wei Zhang, Lizhi Huang, Lili Li, Pengcheng Luo, Toxicological effects of microplastics in renal ischemia–reperfusion injury, *Environmental Toxicology*, Volume 39, Issue 4, 2023, Pages 2350-2362.
12. Jinting Liu, Guofang Xu, Siyan Zhao, Jianzhong He, Resilience and functional redundancy of methanogenic digestion microbiome safeguard recovery of methanogenesis activity under the stress induced by microplastics, *mLife*, Volume 2, Issue 4, 2023, Pages 378-388.

13. Xishuai Tong, Xiaohui Fu, Gengsheng Yu, Huayi Qu, Hui Zou, Ruilong Song, Yonggang Ma, Yan Yuan, Jianchun Bian, Jianhong Gu, Zongping Liu, Polystyrene exacerbates cadmium-induced mitochondrial damage to lung by blocking autophagy in mice, *Environmental Toxicology*, Volume 38, Issue 8, 2023, Pages 1775-1785.
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15. Hao Guo, Lilan Zhao, Bo Qian, Qixin Wu, Rui Wang, Tianxiang Hua, Jing Qin, Lingying Li, Xuejun Shi, Direct Inkjet 3D Printing Microwires with Small Feature Size by Freezing, Sublimation, and Evaporation Induced Colloidal Nanoparticles Self-Assembly Mechanism, *Advanced Materials Technologies*, Volume 8, Issue 2, 2022, 2201132.
16. Xuan Li, Lei Chen, Yuan Ma, Ding Weng, Zhaoxin Li, Lele Song, Xuanhe Zhang, Guoxu Yu, Jiadao Wang, Ultrafast Fabrication of Large-Area Colloidal Crystal Micropatterns via Self-Assembly and Transfer Printing, *Advanced Functional Materials*, Volume 32, Issue 45, 2022, 2205462
17. Ling Xia, Wanjuan Zhou, Jianying Huang, Jianwei Dong, Xiaohua Xiao, Gongke Li, Size-resolved counting of circulating tumor cells on pinched flow-based microfluidic cytometry, *ELECTROPHORESIS*, Volume 44, Issue 1-2, 2022, Pages 82-88.
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24. Jialiu Wei, Xifeng Wang, Qian Liu, Na Zhou, Shuxiang Zhu, Zekang Li, Xiaoli Li, Jinpeng Yao, Lianshuang Zhang, The impact of polystyrene microplastics on cardiomyocytes pyroptosis through NLRP3/Caspase-1 signaling pathway and oxidative stress in Wistar rats, *Environmental Toxicology*, Volume 36, Issue 5, 2021, Pages 935-944.
25. Jinchao Liu, Andi Wang, Ji Yang, Shiheng Yin, Xianfeng Yang, A Universal Positioning System for Coupling Characterization of SEM and AFM, *Scanning*, Volume 2021, Issue 1, 2021,

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