

# CONTENTS

<b>Experimental Study on the Features of Overland Flow and Sediment Effected by Herbaceous Vegetation Coverage</b> Sun Yi, Gu Zhigang, Yi Xiaoyan, Ma Jing, Zhang Xu .....	1
<b>Solvent-induced Lengthened Conjugated Chains in Electrochromic PEDOT for Enhanced Optical Modulation</b> Biying Zhuang, Xueqing Wang, Fengshi Li, Qianqian Zhang, Jingbing Liu, Yuying Sun, Hwei Zhao, Hao Wang.....	2
<b>Forecasting Factors of the Northward Sharp Turn of Typhoons That Make Landfall</b> Lina Zheng, Zihan Zhang.....	3
<b>Temporal Variation Characteristics of PM<sub>2.5</sub> in the Beijing-Tianjin-Hebei Region, China, from 2014-2021</b> Lili Wang, Gaofeng Wu, Xinyu Wang, Wenji Zhao.....	4
<b>Heavy Metal Pollution and Potential Ecological Risk of Reclaimed Land in the Southeast of Beijing</b> Fei Gao, Gaofeng Wu, Huiting Wu.....	5
<b>Sulfate-functionalized Core-shell ZnO/CdS/Ag<sub>2</sub>S Nanorod Arrays with a Gradient Energy Band Configuration for Photoelectrochemical Water Splitting</b> Xiaoyu Xie, Chunxiang Xu, Zhiyong Li.....	6
<b>Flexible PVDF-based Photocatalyst with Piezoelectric Effect for Enhanced Degradation of Organic Pollutants</b> Ru Wang, Chunxiang Xu, Mingliang Wang.....	7
<b>Activation of Peroxymonosulfate (PMS) by Core-shell ZnO@Co<sub>3</sub>O<sub>4</sub> for the Degradation of Tetracycline (TCs)</b> Zhou Hao, Huang Mei .....	8
<b>The Exploration of the Unusual Prevalence of Residential Buildings in Sichuan's Rural Regions: The Unwillingness to Adopt Timber Structure</b> Zhenquan Zhou Deprizon Syamsunur, Xinyi Wang .....	9
<b>Heat-proof Design of Buffer Space in Sea Dwellings -- A Case Study of Danjia Boat House</b> Sun Qianqian.....	10